Phase II
Environmental Site Assessment
Report of Findings

Frank Properties
301 North 13th St
303 North 13th St
1206 4th Avenue North
212 North 13th St
(City Block Between 2nd-3rd Avenues North/North 12th-13th Streets)

Billings, Montana

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BIG SKY ECONOMIC DEVELOPMENT

NewFields

March 2016

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212 North 13th Street - (City Block between 2nd – 3rd Avenues North/North 12th – 13th Streets)
Billings, Montana 59101

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1.0 INTRODUCTION

NewFields Mining and Energy Services, LLC (NewFields) performed a Phase II Environmental Site Assessment (ESA) of the Frank properties (hereafter referred to collectively as the "Site"). The Site is comprised of the following properties: 301 North 13th Street, 303 North 13th Street, 1206 4th Avenue North, and 212 North 13th Street (City Block between 2nd – 3rd Avenues North/North 12th – 13th Streets) in Billings, Montana (**Figure 1**). This assessment project was completed by NewFields on behalf of Big Sky Economic Development (BSED) using a grant from the U.S. Environmental Protection Agency (USEPA) Brownfields Program. The ESA was conducted in accordance the Sampling and Analysis Plan (SAP) prepared by NewFields (2016), which was approved by the USEPA on January 28, 2016.

The purposes of this Phase II ESA were to investigate potential contamination of subsurface soil, or groundwater associated with three Recognized Environmental Conditions (RECs) identified during a recent Phase I ESA (NewFields, 2015) and to complete building material inspections to determine whether hazardous building materials are present at concentrations requiring special handling or disposal in the event of renovation or demolition. Results of the soil investigation were used to determine whether or not environmental impacts associated with the RECs may represent encumbrances that could impact future use and development of the Site. Analytical results obtained through laboratory analysis of soil samples collected during the Phase II ESA were compared to appropriate USEPA and Montana Department of Environmental Quality (DEQ) soil screening levels to evaluate impacts, while groundwater analyses were compared to DEQ risk-based screening levels and standards to evaluate impacts.

1.1 BACKGROUND AND GENERAL SITE DESCRIPTION

The Site is comprised of five separate parcels located at 301 North 13th Street; 303 North 13th Street; 1206 4th Avenue North; and 212 North 13th Street (city block between 2nd and 3rd Avenues North and North 12th and 13th Streets) in Billings, Montana. The Site lies in Township 1 North (T01 N), Range 26 East (R26 E), Section 33 (**Figures 1** and **2**). Billings is the largest city in Montana and is the county seat of Yellowstone County. The city has an estimated population of approximately 110,000 people and is a regional hub serving most of eastern Montana and portions of North Dakota, South Dakota, and Wyoming. The Site is located at an elevation of approximately 3,111 feet above mean sea level (amsl) at the approximate latitude and longitude of 45° 47' 34.44'' North and 108° 29' 18.24'' West, respectively.

Structures located on the five separate parcels include an office building, a store, three warehouses, and two storage yards (**Figure 2**). The storage yards contain building material inventory and agricultural supplies and equipment. The surrounding neighborhood includes mixed use commercial/industrial properties. According to Montana's Cadastral Mapping Program (MCMP, 2015), the legal property descriptions and Geocodes for the five parcels are:

<u>Parcel 1: 301 North 13th Street</u>

- BILLINGS ORIGINAL TOWNSITE, S33, T01 N, R26 E, BLOCK 29, Lot 23-24; and,
- GEOCODE: 03-1033-33-1-14-04-0000

Parcel 2: 303 North 13th Street

- BILLINGS ORIGINAL TOWNSITE, S33, T01 N, R26 E, BLOCK 29, Lot 21 - 22; and,
- GEOCODE: 03-1033-33-1-14-03-0000

Parcel 3: 1206 4th Avenue North

- BILLINGS ORIGINAL TOWNSITE, S33, T01 N, R26 E, BLOCK 29, Lot 1-12; and,
- GEOCODE: 03-1033-33-1-14-01-0000

Parcel 4: Western ½ of city block between 2nd and 3rd Avenues North and North 12th and 13th Streets (212 North 13th Street)

- BILLINGS ORIGINAL TOWNSITE, S33, T01 N, R26 E, BLOCK 73, Lot 13-24; and,
- GEOCODE: 03-1033-33-1-10-02-0000

Parcel 5: Eastern ½ of city block between 2nd and 3rd Avenues North and North 12th and 13th Streets (212 North 13th Street)

- BILLINGS ORIGINAL TOWNSITE, S33, T01 N, R26 E, BLOCK 73, Lot 1-12; and,
- GEOCODE: 03-1033-33-1-10-01-0000

1.2 Geology, Hydrogeology, & Soils

Near surface geology in the vicinity of the target property area is characterized by Quaternary-age alluvial sand and gravel. Underlying the unconsolidated sand/gravel unit is shale bedrock of the late Cretaceous Period Colorado Group, which is typical of the Yellowstone River valley (Olsen, 2005).

The Montana Bureau of Mines and Geology (MBMG) Ground Water Information Center (GWIC) database contains records for 84 wells in Section 33 of T01 N, R26 E (MBMG, 2015). The wells identified by MBMG GWIC are for monitoring, domestic, and irrigation purposes. Based on the GWIC database, well depths in the area range from 13.5 to 72 feet below ground surface (ft bgs) with an average depth of 22.5 ft bgs. Static water levels (SWL) in the vicinity of the target property range from 7 to 20 ft bgs with an average SWL of approximately 12 ft bgs. Well yields in the area range from 3 to 100 gallons per minute (gpm) with an average yield of approximately 34 gpm.

The U.S. Department of Agriculture (USDA, 2015) mapped soil at the Site as part of the Haverson-Hysham loams unit. This well-drained soil originated from alluvial parent material and a typical profile consists of loam from 0 to 5 inches bgs and stratified fine sandy loam to clay loam from 5 to 68 inches bgs.

2.0 SITE INVESTIGATION

The purposes of the Phase II ESA were to 1) evaluate whether RECs identified in the Phase I ESA have impacted soil and/or groundwater at the Site and 2) complete assessments of potential asbestos containing materials (ACMs) and lead-based paint (LBP) associated with on-site structures to determine if these materials pose a threat to human health and the environment, and/or impact future use and redevelopment of the Site.

A conceptual site model (CSM) was used to develop objectives for the investigation. Critical elements of the CSM for this investigation included:

- Soils are generally fine-grained sandy silts and clay from ground surface to 15 feet bgs, with coarse-grained silty sand and gravel below this depth.
- The depth to groundwater below the Site is approximately 12 to 15 feet bgs. The groundwater flow direction is assumed to be to the east-southeast toward the Yellowstone River.
- Three RECs may have impacted onsite soil and/or groundwater at the Site: an upgradient leaking underground storage tank (LUST) site; onsite and upgradient automotive repair facilities; and warehouse floor drains located in some buildings on Site.
- ACM and LBP may also be present in buildings located on the Site.

Contaminants of Potential Concern (COPCs) associated with the identified RECs include petroleum hydrocarbon compounds (PHCs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and Resource Conservation and Recovery Act (RCRA) metals. The primary data gaps identified in the SAP concerning impacts to soils and groundwater were 1) lack of COPC data in subsurface soil, and groundwater at the Site and 2) lack of data concerning the presence/absence of ACM and LBP in buildings.

The specific activities completed during this ESA to address these data gaps, in consideration of the locations of the various RECs, included the following components. Field photographs collected during the investigation are included in **Appendix A**.

- Evaluation of whether the offsite petroleum release at the nearby LUST site (Energy One Stop) and the offsite historic automotive repair facilities have impacted soil and/or shallow groundwater on the Site. To evaluate this concern, three (3) direct push borings (B-1, B-2, B-3), were installed approximately 15 feet in depth, on the northern parcels (**Figure 2**).
- Assessment of potential impacts to soil and groundwater from the historic automotive repair facilities that operated on the Site. This was evaluated by advancing one (1) direct push boring (B-4), approximately 15 feet in depth, on the 301 North 13th Street parcel (**Figure 2**).
- Evaluation of potential soil and/or groundwater impacts from petroleum/hazardous material releases from historic automotive repair facilities on adjacent properties by advancing three (3) direct push borings (B-5, B-6, B-7), approximately 15 feet in depth, on the southwest parcel located at 212 North 13th Street (**Figure 2**).

- Assessment of possible impacts to soil and groundwater originating at the floor drains located in the concrete warehouse and long warehouse by advancing one boring immediately adjacent (southeast) of each building location. The borings (B-8 and B-9) were advanced approximately 15 feet in depth (**Figure 2**).
- Collection and analysis of nine (9) grab groundwater samples from all the borings to evaluate potential impacts to groundwater.
- Completion of a Building Materials Inspection (BMI) at the retail store and warehouses located on the Site to determine whether ACM and LBP are present.

Details for each of these activities are provided below.

2.1 Asbestos Sampling

The Frank Properties have five buildings which were investigated during the building materials inspection (**Figure 2**). This includes the parcel located at 303 North 13th Street which has a single-level retail building (Store Building), parcel at 301 North 13th Street with a single-level office building (Office Building) and a small warehouse (Warehouse 1), and the parcel at 1206 4th Avenue North that has two large warehouse buildings (Warehouse 2 and Warehouse 3).

The building inspections were performed over a three day period starting on February 16, 2016 by Northern Industrial Hygiene, Inc. (Northern), under subcontract to NewFields. Prior to the building inspections, Northern reviewed as-built drawings, the mechanical/heating system layouts, and construction materials for all of the buildings. A flowchart summarizing asbestos inspection activities, evaluations of results, and resulting building materials management actions is provided in **Appendix B**.

Northern identified suspected ACM based on professional judgement and information obtained through required accreditation trainings. Asbestos inspection included the following activities:

- Informational meetings with facility personnel to learn more about the history of the buildings.
- A visual building inspection to identify building construction phases, mechanical areas, pipe chases, pipe tunnels, crawl spaces, attics, and roofs in all of the buildings listed above.
- Visual survey of all building materials to identify suspect homogeneous areas of ACM.
- Collection of samples from homogeneous areas of suspect ACM in accordance with Administrative Rules of Montana (ARM) 17.74.354. Samples of suspected ACM were submitted under chain- of-custody documentation for analysis of asbestos by EPA Method 600/R-93/116 (Polarized Light Microscopy). Building materials were considered ACM if they contained greater than 1% asbestos, as defined in the asbestos National Emissions Standards for Hazardous Air Pollutants (NESHAP) under 40 CFR Part 61, Subpart M.

In accordance with Montana law, the number of samples collected per homogeneous area was dictated by the type of potential ACM, as follows:

- A minimum of three bulk samples were collected from non-friable suspect ACM to determine whether the material is asbestos-containing.

- The number of samples collected depended on the material's surface area. A minimum of three samples were collected from friable surfacing material (1,000 square feet or less), five samples (1,000 to 5,000 square feet), or seven samples (over 5,000 square feet).
- Northern sampled thermal system insulation in a randomly distributed manner, with at least three bulk samples collected from each homogeneous material. Bulk samples were not collected from any homogeneous material in cases where the inspector determined through professional judgment that the thermal system insulation was composed of fiberglass, foam glass, rubber, or other non-asbestos containing building material.
- Bulk samples were collected from each insulated mechanical system where cement or plaster was used on fittings, such as tees, elbows, or valves.

2.2 Lead-Based Paint Sampling

Northern surveyed interior and exterior painted surfaces for LBP using an X-Ray Fluorescence (XRF) spectrometer. Northern followed the recognized standard protocol developed by the U.S. Department of Housing and Urban Development (HUD). A flowchart summarizing LBP inspection activities, evaluation of results, and resulting building materials management actions is provided in **Appendix B** for cases of demolition, renovation, and fire conditions.

Prior to initiating XRF testing, the instrument was calibrated. The calibration involved collection of three readings every four hours, every time the XRF is turned on, or at the conclusion of the sampling job, whichever was more frequent. For this investigation, the calibration check reading averages did not differ from the instrument standard by more than the calibration check tolerance specified in the XRF Performance Characteristics Sheet for the specific instrument used.

Prior to taking XRF measurements, the inspection staff also performed a visual survey of the buildings and grounds to familiarize themselves with the layout of the structures and the site. During the walkthrough, Northern completed an exhaustive inventory of the painted surfaces in interior rooms, on exterior walls, and on surfaces in other exterior areas, such as fences, equipment, and garages. Paint combinations and equivalents within rooms and on the exteriors of the buildings were identified. For the purpose of the Building Materials Inspection (BMI), a paint equivalent is characterized by an identifiable part of a building, such as a room, hallway, stairway, or exterior area. Each paint equivalent is further divided up into components, which are then tested using the XRF. For example, components in a room may include the ceiling, floor, walls, door and its casing, window sash, and window casings.

Northern collected at least one XRF reading of all components coated with paint, varnish, shellac, stain, or other coating. Readings were repeated three times to ensure accuracy. XRF readings were also recorded on the first bare substrate area (beneath the painted surface). Readings were then classified as negative, positive, or inconclusive. XRF measurements classify paint as lead-based when the result is equal to or greater than 1.0 mg/cm^2. The locations, areas (square feet), components, substrates, and colors of paint found to be positive for lead or assumed to be positive for lead were recorded in a field log book and a sampling form.

2.3 PCB Ballast and Fluorescent Light Tube Survey

Northern surveyed interior and exterior of all five buildings for fluorescent light fixtures potentially having ballasts containing Polychlorinated Biphenyls (PCBs), and quantities of fluorescent light tubes. Fluorescent light fixtures were inspected and inventoried by type and by construction date. Random sampling was conducted for each fixture type, which involved removing light fixture covers, noting the quantity of fluorescent tubes, and then removing tubes to inspect the ballast labeling for the presence of PCBs. Ballasts not specifically labeled or stamped "No PCBs" or a similar wording were assumed to contain PCBs. A flowchart summarizing PCB Ballast and fluorescent tube inspection activities, evaluation of results, and resulting building materials management actions are provided in **Appendix B**.

2.4 Subsurface Soil Sampling

NewFields provided technical oversight during the drilling of nine soil borings using direct-push drilling techniques. The borings were completed by Water and Environmental Technologies (WET) of Butte, Montana. Boring locations, shown on **Figure 2**, were selected based on downgradient proximity to the LUST site (Energy One Stop) and the former automotive repair sites, which include the offsite properties at 321 North 13th Street, 310 North 13th Street, 216 North 13th Street, 204 North 13th Street, and 1302 2nd Avenue North. Boring locations selected for investigation of onsite floor drains were determined based on downgradient proximities to assumed floor drain discharge or piping leak locations.

Soil borings were advanced to a total depth of approximately 15 feet bgs. NewFields collected soil samples from each boring and described the subsurface conditions in each of the boreholes on individual boring log forms in accordance with the Unified Soil Classification System (USCS). Moisture content of the soil and the presence or absence of water-saturated conditions was recorded, as well as whether a petroleum sheen, odor, and/or free product were observed. Field observations including soil conditions, visual indications of potential contamination, and sample locations, were recorded on each boring log form. Boring logs are provided in **Appendix C**.

Each soil sample collected from direct-push macro-cores was field-screened with a calibrated photo-ionization detector (PID) in accordance with the SAP (NewFields, 2016). NewFields reviewed the headspace results to identify which soil samples to submit for laboratory analysis. Two soil samples were submitted for laboratory analysis from each boring: the sample that exhibited the highest headspace concentration and a second sample from immediately above the soil-groundwater interface.

All subsurface soil samples were submitted to Pace Analytical Services, Inc. (Pace) of Billings, Montana for analysis of Extractable Petroleum Hydrocarbons (EPH), Volatile Petroleum Hydrocarbons (VPH), VOCs, SVOCs, and RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). All analysis was performed by the methods identified in the SAP (NewFields, 2016). Quality control (QC) samples were not collected from subsurface soil due to the limited number of soil samples being collected and the expected heterogeneity of soil. All soil samples were placed in ice-filled and sealed coolers for shipment to the laboratory under chain-of-custody documentation in accordance with applicable SOPs.

2.5 Groundwater Sampling

Prior to groundwater sample collection, NewFields measured the approximate static water level in each borehole (tenths of a foot) using a decontaminated electronic well probe, and the results were recorded in the project field book (**Appendix D**). NewFields collected one groundwater sample from each soil boring for a total of nine samples.

Groundwater samples were collected using the direct-push drilling rig by advancing decontaminated rod equipped with a stainless steel screen enclosed within a steel sheath. When the desired sampling depth was reached, the screen was exposed to allow groundwater to flow into the screened rod. Staff lowered polyethylene tubing connected to a purge-and-trap bailer tip (an inertial pump) to a depth within the chamber. Prior to collecting each sample, groundwater was purged to the extent possible from each soil boring to reduce excess turbidity, and then the inertial pump was used to collect groundwater samples for laboratory analysis. Due to low purge volumes, field parameters were not collected during the investigation. Upon completion of soil and groundwater sampling, boreholes were backfilled with bentonite chips to the ground surface.

NewFields containerized and preserved each groundwater sample which was then placed into ice-filled and sealed coolers for shipment to Pace under chain-of-custody in accordance with SAP. Each groundwater sample was submitted for analysis of EPH and VPH. In addition, groundwater samples collected from borings B-2 through B-9 were also analyzed for VOCs, SVOCs, and RCRA metals. Because all EPH concentrations were below the Montana Department of Environmental Quality (MDEQ) screening level of 1,000 micrograms per liter (µg/L), none of the groundwater samples were analyzed for EPH fractions.

2.6 Decontamination and Investigation-Derived Waste

To avoid cross-contamination between borings and sampling intervals, all downhole sampling equipment was decontaminated on site between drilling of individual borings using distilled water, Alconox soap, 10% methanol solution, 10% nitric acid solution, and a final distilled water rinse. Decontamination procedures were conducted at a designated decontamination area on the Site, and wash fluids that did not contain a petroleum sheen were allowed to infiltrate or evaporate in place.

Investigation-derived wastes (soil cuttings, wash water, and purge water) were handled in accordance with the SAP (NewFields, 2016). Because soil cuttings did not contain visual, olfactory, or PID-screening indications of impacts, the material was spread on the ground surface near the point of origin.

2.7 Field and Laboratory Quality Control Samples

NewFields followed the EPA-approved Quality Assurance Project Plan (QAPP; NewFields, 2015b), which establishes specific quality assurance and quality control (QA/QC) policies and activities. The QAPP references standard EPA laboratory methods, which specify equipment requirements. New commercially available supplies and consumables from standard sources (i.e. hardware stores) were used for this Phase II ESA. The following field QA/QC samples were collected (or explanations are provided in cases where samples were not collected):

- Duplicate samples of asbestos were not collected during the BMI because several unassociated samples were collected from each suspected ACM.
- XRF testing for LBP analysis was completed for each substrate of paint as indicated in the SAP, and confirmatory laboratory testing was not required.
- No equipment rinse blank (ERB) samples of equipment used to collect building material inspection samples were collected because disposable sampling equipment was used.
- One ERB sample was collected for subsurface soil analysis by running distilled water over the decontaminated continuous core soil sampler used during the assessment.
- One field duplicate (DUP) groundwater sample was collected during the assessment.
- Field duplicate soil samples were not collected due to the inherent heterogeneity of the soil.
- A laboratory-provided trip blank (TB) sample accompanied a cooler during the field assessment and during shipment.

The ERB and DUP samples were analyzed for EPH, VPH, VOCs, SVOCs, and dissolved RCRA Metals. The TB was analyzed for VPH and VOCs.

3.0 INVESTIGATION RESULTS

3.1 BUILDING MATERIALS INSPECTION RESULTS

Each of the buildings located on the Frank Properties contained hazardous building materials including asbestos, LBP, and/or PCBs, and mercury (in thermometers). The complete BMI report performed by Northern, along with the locations of the hazardous materials, is included as **Appendix E**. A summary of the findings by building is presented below.

Warehouse 1, 301 North 13th Street – Five building materials were identified in Warehouse 1 to contain asbestos at greater than 1%. The materials are:

- White caulk, joints of metal roofing,
- Black caulk, base of metal roof at ground,
- Ceiling surfacing (paint like material),
- Rough wall texture, and
- Ceiling/wall spray.

The LBP inspection identified one painted area in Warehouse 1 that contained lead-based paint (i.e. lead at concentrations >1.0 mg/m^3. That area is:

- Garage door frame/upper trim

The PCB inspection identified fluorescent lighting fixtures with three ballasts that contain PCBs, as described in **Appendix E**.

Warehouse 2, 1206 4th Avenue North –Three building materials were identified to contain asbestos in Warehouse 2. Those materials are:

- Transite wall panels,
- Caulk on metal wall panels, and
- Window Caulk.

One painted area was identified in Warehouse 2 that contained lead-based paint. That area is:

- Metal roof trusses

No fluorescent lighting fixtures with ballasts that contain PCBs were identified in Warehouse 2.

Warehouse 3, 1206 4th Avenue North - Eight building materials were identified to contain asbestos in Warehouse 3 above 1%. Those materials are:

- 12 inch x12 inch gray mottled floor and mastic (mastic assumed),
- 9 inch x 9 inch off-white with brown streaks floor tile and mastic,

- Floor leveling compound,
- Door caulk (front entrance door),
- 4 inch vinyl covebase (vinyl is non-detect, mastic contains asbestos)
- Vermiculite insulation,
- Concrete sealer, and
- Foil faced light reflector.

One area in Warehouse 3 was identified to contain LBP. That area is:

- Parking bollards

The PCB inspection identified fluorescent lighting fixtures with two ballasts that contained PCBs.

Store Building, 303 North 13th Street - Two building materials were identified to contain asbestos above 1%. Those materials are:

- Exterior door and wall caulk, and
- Surfacing on metal columns.

No locations in the Store Building were identified to contain LBP or fluorescent lighting fixtures with ballasts that contained PCBs.

Office Building, 301 North 13th Street – Three building materials were identified to contain asbestos above 1%. Those materials are:

- Metal roof caulking,
- Exterior metal surfacing finish, and
- Fireproofing.

No locations in the Office Building were identified to contain LBP or fluorescent lighting fixtures with ballasts that contained PCBs.

3.2 Subsurface Results

NewFields compared site data to relevant screening levels to determine if soils or groundwater may require additional investigation or response actions consistent with anticipated land uses. Detected concentrations were compared to the following regulatory screening or action levels: Montana Tier 1 Risk Based Screening Levels (RBSLs) for soil and groundwater (MDEQ, 2009); Circular DEQ-7 Montana Numeric Water Quality Standards (MDEQ, 2012); and EPA Industrial (Commercial) Regional Screening Levels (RSLs) (EPA, 2015) for soil.

3.3 Subsurface Soil Results

Soil analytical results are provided in **Table 1**. Analytical laboratory reports are provided in **Appendix F**. Results are summarized as follows:

- Although some EPH and VPH constituents were detected in subsurface soils, concentrations were below applicable RSLs and Montana Tier 1 RBSLs.
- SVOCs were not detected above method detection limits for any samples.
- Most VOC concentrations were below detection limits. Concentrations of methylene chloride were detected in some samples, but the values were estimated, were near detection limits, and were below the RSLs based on industrial property use. Methylene chloride was also detected in the rinse blank. Trichlorofluoromethane was detected in boring B-2 (3-5 feet bgs), but its concentration was estimated near the detection limit and was below the EPA Industrial RSL.
- Most RCRA metals were detected in subsurface soils, but all concentrations were below Montana RBSLs and RSLs.

3.4 Groundwater Results

All groundwater laboratory results are presented in **Table 2**. Analytical laboratory reports are provided in **Appendix F**. Results summaries provided below are grouped by COPC.

- VPH:
    - MTBE was detected in groundwater above the DEQ-7 standard and Montana DEQ RBSLs in borings B-4, B-5, and B-6. The MTBE concentration in groundwater from boring B-7 was below the standard/RBSL.
    - Total purgeable hydrocarbons (TPH), C5-C8 aliphatic hydrocarbons, and naphthalene were detected in several locations at concentrations below RBSLs and water quality standards.
- EPH: Total Extractable Hydrocarbon (TEH) Screen concentrations ranged from non-detectable to 655 µg/L. All concentrations were below the EPH Screen action level of 1,000 mg/L requiring fractionation of extractable hydrocarbon constituents.
- VOCs:
    - Several VOCs were detected in groundwater, including methyl-tert-butyl ether (MTBE), toluene, chloroform, chloromethane, methylene chloride, tetrachloroethene, trichloroethene 1,2-Dichloroethane, , and cis-1,2-Dichloroethene. These detections are described below.
    - MTBE was detected in all borings except B-8.
    - 1,2-Dichloroethane was detected in borings B-4, B-5, and B-6 at concentrations below the DEQ-7 numeric water quality standard; MTBE exceeded the DEQ-7 standard at the same locations.
    - Tetrachloroethene was detected at borings B-5, B-6, and B-7. The concentration was above the DEQ-7 standard at borings B-6 and B-7.
    - The following VOC detections in groundwater were below DEQ-7 standards:

- Toluene at borings B-2 and B-3 (concentrations estimated)
- Trichloroethene in borings B-5, B-6, B-8, and B-9 (concentrations estimated)
- Methylene chloride in borings B-2 and B-7 (concentrations estimated). This constituent was detected in the laboratory method blank and in the equipment rinse blank sample.
- Chloroform and cis-1,2-Dichloroethene (B-5) and chloromethane (B-9) (all concentrations were estimated)

- SVOCs: With one exception, all SVOC concentrations were below analytical detection limits. Di-n-octylphthalate was detected in groundwater from boring B-3, but its concentration was estimated and the value was near the detection limit. Neither screening levels nor water-quality standards have been established for this compound.
- RCRA Metals: Several metals were detected in groundwater in several boring locations (**Table 2**). A comparison of groundwater metal concentrations to applicable standards was not possible because all groundwater samples were analyzed for total metals and the standard is based on a dissolved metal concentration. Further discussions of groundwater metal concentrations are discussed in **Section 3.6** of this report.

3.5 Data Validation

NewFields completed a data usability review and data validation in conformance with the EPA-approved QAPP (NewFields, 2015b). Data validation summaries for this investigation is included in **Appendix G**. The summaries identified minor data validation issues and did not affect the usefulness of the data and information necessary to meet the objectives of the investigation.

3.6 Deviations from the SAP

This section discussed deviations from the approved SAP and QAPP. These included:

- The SAP indicated that groundwater samples were to be analyzed for dissolved metals, but they were analyzed for total metals. High turbidity was noted in several samples, and suspended sediment entrained in the samples likely resulted in high total metal concentrations. The deviation does not allow for a comparison of groundwater metals concentrations to applicable groundwater standards, as the standards are based on a dissolved metal concentration (i.e. sample that has been filtered to remove suspended sediment). While it is unknown what the dissolved metal concentrations would have been, it's unlikely the Site is impacted with dissolved metals associated with a defined source on or offsite. In all borings, there was no visual, olfactory, and field screening evidence to suggest groundwater below the site was impacted by a defined source.
- According to the SAP, groundwater samples were to be collected only from those borings that exhibited visual, olfactory, or field-screening evidence of impacts (odors, sheens, soil staining, or elevated PID readings). Although no evidence of impacts was observed, groundwater samples were submitted for all borings in order to provide additional site characterization information.
- Boring B-3 was moved from its original, planned location approximately 100 feet to the west. The move was required due to overhead drilling limitations and right-of-way restrictions along

North 13th Street. Since boring B-3 was intended to evaluate impacts from the historic automotive repair facility located at 310 North 13th Street (Figure 2, REC 2), and since the eventual placement of boring B-3 remained downgradient of this REC, results from B-3 provide information to determine whether there may have been impacts to soil and groundwater associated with the auto repair facility.

- The Phase II SAP indicated that all trip blanks should be analyzed for VPH and VOCs; however, the lab only analyzed the trip blanks for VOCs. Since VOC results include all of the VPH compounds with the exception petroleum fractions, the VOC results for the trip blanks were useful and demonstrated VOCs were not introduced to samples during the during the sampling, shipping, and handling process.

4.0 DISCUSSION AND RECOMMENDATIONS

4.1 SOILS

With one exception, the samples collected from the nine soil borings drilled on the Site shown no evidence of soil impacts. The soil sample from boring B-1 at a depth of approximately 5 feet bgs was stained, but did not exhibit a petroleum hydrocarbon odor, and no volatile compounds were detected during field screening with the PID. Petroleum hydrocarbons (EPH and VPH compounds) were not detected in the sample from this depth or 8-10 feet bgs. Analytical results for all soil samples were below applicable state and federal screening levels.

4.2 GROUNDWATER

With a few exceptions, groundwater at the site did not show evidence of contamination. Exceptions included MTBE (a gasoline additive) and Tetrachloroethene (also known as "PERC") historically used in the dry cleaning and auto repair industries. Methyl tert-Butyl Ether (MTBE) was detected in groundwater above the DEQ-7 standard in borings B-4, B-5, and B-6 (**Table 2** and **Figure 2**). Tetrachloroethene was detected in groundwater from borings B-6 and B-7 at concentrations slightly above the DEQ-7 standard, as shown in **Table 2**.

MTBE was a common oxygenate gasoline additive until its use was phased out in the 2000s. MTBE was detected in groundwater in borings located in the southcentral portion of 301 North 13th Street parcel, and in the northwestern corner of 212 North 13th Street. It's likely that the MTBE in the groundwater at these locations is originating from releases at gas stations upgradient of these parcels and not on the Frank Properties. This belief is supported by the results showing that 1) MTBE was not detected in onsite soils from these borings; 2) there is no information to indicate gasoline was dispensed on the Site, and 3) there are known gasoline releases upgradient (i.e. north and west of these parcels). MTBE is known to migrate far from sources as it is a highly recalcitrant in the environment, does not easily break down in groundwater, and does not readily absorb to soils.

Tetrachloroethene was detected in groundwater from borings B-6 and B-7 in the southwest corner of 212 North 13th Street parcel at concentrations slightly above the DEQ-7 standard. As with MTBE, the compound was not detected above method detection limits in any subsurface soil samples collected during this investigation, is recalcitrant in groundwater aquifers, and likely has migrated to the Site from sources upgradient and west of the Site.

NewFields does not believe the detections of MTBE and Tetrachloroethene in groundwater preclude the use or redevelopment of the Site, as City water is used at the facility. Should future owners want to use groundwater at the Site, it is recommended that the groundwater well be installed at deep depths (i.e. > 100 feet) to avoid potential contamination of the groundwater with these compounds.

4.3 ASBESTOS

In accordance with current EPA and Montana Department of Environmental Quality (MDEQ) Asbestos Control Program (ACP) regulations, building materials which contain greater than one percent (>1%)

asbestos are placed into one of the three following NESHAP categories: Category I non-friable ACM, Category II non-friable ACM, and Regulated Asbestos-Containing Materials (RACM).

A general summary of findings for asbestos is presented below. More details are provided in **Appendix E**.

- In Warehouse 1, four building materials were confirmed to be "asbestos-containing materials". Three of the building materials are Category I/II "non-friable" asbestos. This includes caulk on metal roofing, caulk at the base of the metal roofing at the ground level, and rough wall texture. Two materials in this building (ceiling surfacing and ceiling/wall spray) are "friable" and therefore are considered to be regulated asbestos-containing materials (RACM).

- In Warehouse 2, three building materials were confirmed to be asbestos-containing materials. One material (built-up roofing) is assumed to contain asbestos. The three asbestos containing materials associated with Warehouse 2 are considered "non-friable" and are generally in good condition, with some damage to the metal wall panel caulk noted.
- In Warehouse 3, eight building materials were confirmed to be asbestos-containing materials. One material (built-up roofing) was assumed to contain asbestos. Six of the asbestos containing materials are "non-friable" and are generally in good condition, with some damage to the 12 inch floor tile and underlying leveling compound. Two materials, vermiculite insulation and light reflector, are "friable" and therefore are considered to be regulated asbestos-containing materials (RACM).
- In the Store Building, two building materials were confirmed to be asbestos-containing materials. Four materials (built-up roofing, felt, wood panel adhesive and Transite panels) are assumed to contain asbestos. The confirmed and assumed asbestos-containing materials are "non-friable" and are generally in good condition.
- In the Office Building, three building materials were confirmed to be asbestos-containing materials and one was assumed to contain asbestos. Three of the asbestos-containing materials are "non-friable" and are generally in good condition in this building. One material, the fireproofing, is considered "friable" and therefore is considered to be regulated asbestos containing materials (RACM). Limited damage to the fireproofing was noted in the access tunnel located on the north side of the building.

The RACM present in Warehouse 1, 3, and in the Office Building should be abated at this time by an accredited asbestos abatement contractor to prevent exposure to asbestos by on-site workers. Category I and II "non-friable" ACM requires abatement in accordance with Montana rules and regulations if and when it is disturbed during renovation or demolition activities. Prior to any planned renovation or demolition activities for these buildings, an asbestos abatement design should be prepared by a qualified person, and a permit from the DEQ must be obtained for all asbestos abatement activities. In addition, prior to disturbance of "non-friable" roof materials and other materials assumed to be asbestos, samples should be collected to determine whether it contains ACM. If any renovation is completed whereby ACM is potentially rendered friable, and then re-occupied, an accredited third party must conduct final clearance visual inspection and air testing to demonstrate that all ACM has been

successfully abated and the air quality is acceptable for re-occupancy in accordance with state and federal regulations.

4.4 Lead-Based Paint

XRF measurements classify paint as lead-based when the XRF result is equal to or greater than 1.0 mg/cm^2. A general summary of findings for lead-based paint (LBP) is presented below. More details are provided in **Appendix E**.

- In Warehouse 1, LBP was identified on the garage door trim and frame. The condition of the lead-based paint is in good, intact condition.
- In Warehouse 2, LBP was identified on the metal roof trusses. The condition of the lead-based paint is in good, intact condition.
- In Warehouse 3, LBP was identified on the exterior painted parking bollards. The condition of the lead-based paint is in good, intact condition.
- In the Store Building and the Office Building, LBP was not identified on any of the interior or exterior painted surfaces.

The non-damaged LBP that is in good condition should be maintained by coating of non-lead-containing paint, as needed, to prevent chipping or peeling over time. If LBP is removed during painting, the paint chips should be containerized and disposed of in accordance with state regulations. Prior to renovation of demolition of a building containing LBP, a representative sample of the waste stream created during the project should be collected and tested for total lead using the Toxicity Characteristic Leaching Procedure (TCLP) method to demonstrate the waste generated is not a hazardous waste and can be disposal of at a Class II landfill. If the TCLP lead concentration is below 5.0 mg/L, the waste stream can be disposed of at the local landfill. If it's above 5.0 mg/L, additional sampling or LBP abatement may be required.

Work involving components covered with paint containing lead is governed the OSHA Lead in Construction Standard 29 CFR 1926.62. As demolition, repair and refinish (sanding) operations, torch cutting or burning of painted materials may result in exposure to high levels of lead in dust or fumes the OSHA standard does not recognize a safe level of lead in dried paint to which workers may be exposed in an occupational setting. Consequently, any disturbance to painted surfaces which contain a measurable quantity of lead must be considered as having the potential to create a risk to workers. The OSHA standard cites a Permissible Exposure Level (PEL) of 50 micrograms of lead per cubic meter of air ($\mu g/m^3$) and an Action Level (AL) of 30 $\mu g/m^3$. Any amount of lead in air above these levels triggers safety and health concerns. If an employee is performing manual demolition, dry scraping, or dry sanding, heat gun applications, power tool cleaning, or other industrial operations involving lead, then safeguards to exposure of lead must be provided to the employees as specified in OSHA.

4.5 PCB Ballasts and Fluorescent Tubes

A general summary of findings for PCB-containing ballasts and fluorescent tubes is presented below. More details are provided in **Appendix E**.

- In Warehouse 1, two distinct fluorescent lighting fixture types were identified. One fixture type contained ballasts that do not contain PCBs. The other fixture type had PCB containing ballasts (three PCB ballast in all). All fixtures had T12 tubes.
- In Warehouse 2, one distinct fluorescent lighting fixture type was identified. This fixture type had non-PCB-containing ballasts and T12 tubes.
- In Warehouse 3, five distinct fluorescent lighting fixture types were identified. Two fixture types have T8 tubes, while the other three types have T12 tubes. One fixture type contained ballasts that contain PCBs (two ballasts in all). The other fixture types had non-PCB containing ballasts.
- In the Store Building, two distinct fluorescent lighting fixture types were identified and both fixture types have T8 tubes and non-PCB containing ballasts.
- In the Office Building, five distinct fluorescent lighting fixture types were identified. All fixture types have T8 tubes and non-PCB containing ballasts.

At the time of building renovation and demolition, any PCB-containing ballasts identified during this investigation will require special handling and disposal. Fluorescent light tubes should be recycled or reused if they are be removed or replaced.

4.6 Estimated Costs for Abatement of Asbestos and Lead-Based Paint

Worst-case estimated costs to abate all the asbestos and lead-based paint in all of the buildings associated with the site is shown in the tables below. It is important to note that only the "friable" RACM asbestos requires abatement at this time. The remaining Class I and II asbestos requires abatement only if it is disturbed during renovation and demolition, as such disturbance may make it friable. Similarly, the lead-based paint in all of the building may not require any abatement, as TCLP analysis can be completed on the waste stream generated during renovation or demolition to show that the waste stream generated is not a hazardous waste.

Warehouse 1 - Abatement Estimate

Material	Estimate
All Asbestos	$25,384.00
RACM Asbestos	$3,950
PCB Ballast Removal	$31.00
Lead-Based Paint	$1,229.00
TOTAL	**$26,644.00**

Warehouse 2 - Abatement Estimate

MATERIAL	ESTIMATE
Asbestos	$18,432
RACM Asbestos	$0
PCB Ballast Removal	$2
Lead-Based Paint	$21,040
TOTAL	**$39,474**

Warehouse 3 - Abatement Estimate

MATERIAL	ESTIMATE
Asbestos	$77,034
RACM Asbestos	$27,800
PCB Ballast Removal	$90
Lead-Based Paint	$669
TOTAL	**$77,793**

Store Building - Abatement Estimate

MATERIAL	ESTIMATE
Asbestos	$21,379
RACM Asbestos	$0
PCB Ballast Removal	$218
Lead-Based Paint	$0
TOTAL	**$21,597**

Office Building - Abatement Estimate

MATERIAL	ESTIMATE
Asbestos	$39,003
RACM Asbestos	$0
PCB Ballast Removal	$78
Lead-Based Paint	$0
TOTAL	**$39,081**

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Billings, Montana

TABLES

Table 1
Soil Results
Frank Properties
Billings, Montana

Analytical Method	Target Analyte	CAS Number	Montana Tier 1 RBSLs Subsurface Soil (<10ft GW)	EPA Industrial RSLs	B-1 4-5 ft	B-1 8-10 ft	B-2 3-5 ft	B-2 5-8 ft	B-3 3-5 ft	B-3 7-9 ft	B-4 3-5 ft	B-4 7-9 ft	B-5 2-5 ft	B-5 7-10 ft	B-6 2-5 ft	B-6 7-10 ft	B-7 0-5 ft	B-7 5-10 ft	B-8 1-5 ft	B-8 7-9 ft	B-9 2-5 ft	B-9 7-10 ft
Extractable Petroleum Hydrocarbons (EPH)																						
MDEP EPH	Total Extractable Hydrocarbons	TEH	200	--	**3.5J**	**2.9J**	<2.3	<2.4	**52.4**	<2.4	**10.9J**	<2.3	**2.6J**	**3.2J**	**2.9J**	<2.1	<2.3	<2.1	**2.7J**	<2.5	<2.3	<2.1
Volatile Petroleum Hydrocarbons (VPH)																						
MDEP VPH	Total Purgeable Hydrocarbons	TPH	---	--	<0.40	<0.42	<0.44	<0.45	<0.45	<0.44	<0.37	<0.44	<0.42	<0.39	<0.39	<0.40	<0.42	<0.42	<0.39	<0.40	<0.38	<0.37
	Aliphatic (C5-C8)	C5-C8	200	--	<0.31	<0.33	<0.34	<0.35	<0.34	<0.34	<0.29	<0.34	<0.33	<0.30	<0.30	<0.30	<0.32	<0.32	<0.30	<0.31	<0.29	<0.28
	Aliphatic (C9-C12)	C9-C12	1000	--	<0.93	<0.98	<1.0	<1.0	<1.0	<1.0	<0.86	<1.0	<0.98	<0.90	<0.90	<0.91	<0.97	<0.97	<0.89	<0.92	<0.87	<0.85
	Aromatic (C9-C10)	C9-C10	100	--	<0.0055	<0.0058	<0.0060	<0.0062	**0.020J**	**0.016J**	**0.017J**	<0.0061	<0.0058	<0.0054	<0.0053	<0.0054	<0.0057	<0.0057	<0.0053	<0.0055	<0.0052	<0.0050
	MTBE	1634-04-4	0.08	210	<0.022	<0.023	<0.024	<0.025	<0.024	<0.024	<0.020	<0.024	<0.023	<0.021	<0.021	<0.022	<0.023	<0.023	<0.021	<0.022	<0.021	<0.020
	Benzene	71-43-2	0.04	5.1	<0.0031	<0.0032	<0.0034	<0.0035	<0.0034	<0.0034	<0.0029	<0.0034	<0.0032	<0.0030	<0.0030	<0.0030	<0.0032	<0.0032	<0.0030	<0.0031	<0.0029	<0.0028
	Toluene	108-88-3	10	4700	<0.0049	<0.0051	<0.0053	<0.0054	<0.0054	<0.0053	<0.0045	<0.0053	<0.0051	<0.0047	<0.0047	<0.0048	<0.0050	<0.0051	<0.0046	<0.0048	<0.0046	<0.0044
	Ethylbenzene	100-41-4	10	25	<0.0041	<0.0043	<0.0045	<0.0046	<0.0045	<0.0044	<0.0038	<0.0045	<0.0043	<0.0040	<0.0039	<0.0040	<0.0042	<0.0042	<0.0039	<0.0040	<0.0038	<0.0037
	Xylenes	1330-20-7	200	250	<0.035	<0.037	<0.039	<0.039	<0.039	<0.038	<0.033	<0.039	<0.037	<0.034	<0.034	<0.035	<0.037	<0.037	<0.034	<0.035	<0.033	<0.032
	Naphthalene	91-20-3	9	17	**0.036 J**	<0.022 J	<0.023 J	<0.023 J	<0.023 J	<0.023 J	**0.020 J**	<0.023 J	<0.022 J	<0.020 J	<0.020 J	<0.020 J	**0.037 J**	**0.022 J**	<0.020 J	<0.021 J	<0.019 J	<0.019 J
Metals																						
EPA 6010	Arsenic	7440-38-2	40*	3	---	---	**7.7**	**6.3**	**7.3**	**9.1**	**7.1**	**4.8**	**6.7**	**4.1**	**5.8**	**3.6**	**8.2**	**4.8**	**9.9**	**4.7**	**9.9**	**3.7**
	Barium	7440-39-3	820*	22000	---	---	**130**	**118**	**140**	**100**	**138**	**72.4**	**124**	**82.6**	**121**	**123**	**124**	**102**	**143**	**82.7**	**150**	**77.3**
	Cadmium	7440-43-9	3.8*	98	---	---	**0.082J**	<0.044	**0.40**	**0.089J**	**0.24**	<0.033	**0.11J**	<0.037	**0.13J**	**0.050J**	**0.068J**	<0.033	**0.15J**	<0.042	**0.093J**	<0.037
	Chromium	7440-47-3	280*	---	---	---	**17.6 J**	**17.1 J**	**11.6 J**	**15.6 J**	**15.6 J**	**10.1 J**	**17.9 J**	**15.2 J**	**15.5 J**	**12.6 J**	**17.3 J**	**10.8 J**	**19 J**	**18.9 J**	**19.1 J**	**9 J**
	Lead	7439-92-1	400*	800	---	---	**6.5 J**	**5.9 J**	**65.2 J**	**9.4 J**	**9.9 J**	**4.5 J**	**7.9 J**	**5.0 J**	**9.4 J**	**3.7 J**	**7.1 J**	**4.5 J**	**8.9 J**	**5.1 J**	**7.8 J**	**4.6 J**
	Selenium	7782-49-2	2.6*	580	---	---	<0.45	<0.47	<0.36	<0.37	**0.51J**	<0.35	<0.36	<0.39	<0.47	<0.31	<0.33	<0.35	<0.44	<0.45	<0.39	<0.40
	Silver	7440-22-4	8.9*	580	---	---	<0.13	<0.13	<0.10	<0.11	<0.12	<0.10	<0.10	<0.11	<0.13	<0.088	<0.094	<0.099	<0.13	<0.13	<0.11	<0.11
EPA 7471	Mercury	7439-97-6	1*	4.6	---	---	**0.018J**	**0.014J**	**0.048**	**0.0089J**	**0.046**	<0.0078	**0.026**	<0.0064	**0.014J**	<0.0067	**0.023**	<0.0067	**0.042**	**0.0087J**	**0.031**	<0.0068
Volatile Organic Compounds (VOCs)																						
EPA 8260	1,1,1,2-Tetrachloroethane	630-20-6	--	8.8	---	---	<0.011	<0.012	<0.012	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.012	<0.010	<0.012	<0.012	<0.011	<0.010
	1,1,1-Trichloroethane	71-55-6	--	3600	---	---	<0.011	<0.012	<0.012	<0.012	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.012	<0.011	<0.012	<0.012	<0.012	<0.010
	1,1,2,2-Tetrachloroethane	79-34-5	--	2.7	---	---	<0.011	<0.012	<0.012	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.011	<0.010	<0.011	<0.012	<0.011	<0.010
	1,1,2-Trichloroethane	79-00-5	--	0.63	---	---	<0.016	<0.017	<0.017	<0.016	<0.016	<0.015	<0.016	<0.015	<0.016	<0.015	<0.016	<0.015	<0.016	<0.017	<0.016	<0.015
	1,1,2-Trichlorotrifluoroethane	76-13-1	--	17000	---	---	<0.013	<0.014	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.013	<0.013	<0.014	<0.013	<0.014	<0.015	<0.014	<0.013
	1,1-Dichloroethane	75-34-3	--	16	---	---	<0.011	<0.012	<0.012	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.011	<0.010	<0.011	<0.012	<0.011	<0.010
	1,1-Dichloroethene	75-35-4	--	100	---	---	<0.013	<0.014	<0.014	<0.014	<0.013	<0.013	<0.013	<0.012	<0.013	<0.012	<0.014	<0.012	<0.014	<0.014	<0.014	<0.012
	1,1-Dichloropropene	563-58-6	--	--	---	---	<0.011	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.011	<0.011	<0.012	<0.011	<0.012	<0.012	<0.012	<0.011
	1,2,3-Trichlorobenzene	87-61-6	--	93	---	---	<0.022	<0.024	<0.023	<0.023	<0.023	<0.022	<0.023	<0.021	<0.022	<0.021	<0.023	<0.021	<0.023	<0.024	<0.023	<0.021
	1,2,3-Trichloropropane	96-18-4	--	0.11	---	---	<0.016	<0.017	<0.017	<0.017	<0.016	<0.016	<0.016	<0.015	<0.016	<0.015	<0.017	<0.015	<0.017	<0.017	<0.016	<0.015
	1,2,4-Trichlorobenzene	120-82-1	--	26	---	---	<0.010	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.0097	<0.010	<0.0097	<0.011	<0.0099	<0.011	<0.011	<0.011	<0.0097
	1,2,4-Trimethylbenzene	95-63-6	--	24	---	---	<0.011	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.011	<0.011	<0.012	<0.011	<0.012	<0.012	<0.012	<0.011
	1,2-Dibromo-3-chloropropane	96-12-8	--	0.064	---	---	<0.044	<0.047	<0.047	<0.046	<0.045	<0.044	<0.045	<0.041	<0.044	<0.041	<0.046	<0.042	<0.046	<0.048	<0.046	<0.041
	1,2-Dibromoethane (EDB)	106-93-4	--	0.16	---	---	<0.0091	<0.0098	<0.0097	<0.0096	<0.0094	<0.0091	<0.0094	<0.0085	<0.0092	<0.0086	<0.0097	<0.0087	<0.0096	<0.010	<0.0096	<0.0085
	1,2-Dichlorobenzene	95-50-1	--	930	---	---	<0.014	<0.015	<0.015	<0.014	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.014	<0.013
	1,2-Dichloroethane	107-06-2	--	2	---	---	<0.013	<0.014	<0.014	<0.013	<0.013	<0.013	<0.013	<0.012	<0.013	<0.012	<0.013	<0.012	<0.013	<0.014	<0.013	<0.012
	1,2-Dichloropropane	78-87-5	--	4.4	---	---	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.013	<0.012	<0.011
	1,3,5-Trimethylbenzene	108-67-8	--	1200	---	---	<0.011	<0.012	<0.012	<0.012	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.012	<0.010	<0.012	<0.012	<0.011	<0.010
	1,3-Dichlorobenzene	541-73-1	--	--	---	---	<0.014	<0.015	<0.015	<0.015	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.014	<0.013
	1,3-Dichloropropane	142-28-9	--	2300	---	---	<0.0089	<0.0095	<0.0094	<0.0094	<0.0091	<0.0088	<0.0092	<0.0083	<0.0089	<0.0083	<0.0094	<0.0085	<0.0094	<0.0097	<0.0093	<0.0083
	1,4-Dichlorobenzene	106-46-7	--	11	---	---	<0.012	<0.013	<0.013	<0.013	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.013	<0.011	<0.013	<0.013	<0.013	<0.011
	2,2-Dichloropropane	594-20-7	--	--	---	---	<0.023	<0.025	<0.024	<0.024	<0.024	<0.023	<0.024	<0.021	<0.023	<0.022	<0.024	<0.022	<0.024	<0.025	<0.024	<0.021
	2-Butanone (MEK)	78-93-3	--	19000	---	---	<0.094	<0.10	<0.10	<0.099	<0.097	<0.094	<0.097	<0.088	<0.095	<0.088	<0.10	<0.090	<0.10	<0.10	<0.099	<0.088
	4-Chlorotoluene	106-43-4	--	2300	---	---	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.011	<0.010	<0.011	<0.012	<0.011	<0.010
	4-Methyl-2-pentanone (MIBK)	108-10-1	--	14000	---	---	<0.072	<0.078	<0.077	<0.076	<0.074	<0.072	<0.075	<0.067	<0.072	<0.068	<0.076	<0.069	<0.076	<0.079	<0.076	<0.068
	Acetone	67-64-1	--	67000	---	---	<0.25	<0.27	<0.27	<0.27	<0.26	<0.25	<0.26	<0.24	<0.26	<0.24	<0.27	<0.24	<0.27	<0.28	<0.27	<0.24
	Allyl chloride	107-05-1	--	0.69	---	---	<0.014	<0.015	<0.015	<0.015	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.014	<0.013
	Benzene	71-43-2	0.04	5.1	---	---	<0.0079	<0.0085	<0.0084	<0.0084	<0.0082	<0.0079	<0.0082	<0.0074	<0.0080	<0.0075	<0.0084	<0.0076	<0.0084	<0.0087	<0.0083	<0.0074
	Bromobenzene	108-86-1	--	180	---	---	<0.014	<0.015	<0.015	<0.014	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.014	<0.013
	Bromochloromethane	74-97-5	--	63	---	---	<0.011	<0.012	<0.012	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.012	<0.010	<0.011	<0.012	<0.011	<0.010
	Bromodichloromethane	75-27-4	--	1.3	---	---	<0.010	<0.011	<0.011	<0.011	<0.010	<0.010	<0.010	<0.0094	<0.010	<0.0095	<0.011	<0.0096	<0.011	<0.011	<0.011	<0.0095
	Bromoform	75-25-2	--	86	---	---	<0.013	<0.015	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.014	<0.013	<0.014	<0.013	<0.014	<0.015	<0.014	<0.013
	Bromomethane	74-83-9	--	3	---	---	<0.099	<0.11	<0.11	<0.10	<0.10	<0.099	<0.10	<0.093	<0.10	<0.094	<0.11	<0.095	<0.11	<0.11	<0.10	<0.093
	Carbon tetrachloride	56-23-5	--	2.9	---	---	<0.014	<0.015	<0.015	<0.014	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.014	<0.013
	Chlorobenzene	108-90-7	--	130	---	---	<0.0092	<0.0099	<0.0098	<0.0097	<0.0095	<0.0091	<0.0095	<0.0086	<0.0092	<0.0086	<0.0097	<0.0088	<0.0097	<0.010	<0.0096	<0.0086

Table 1
Soil Results
Frank Properties
Billings, Montana

Analytical Method	Target Analyte	CAS Number	Montana Tier 1 RBSLs Subsurface Soil (<10ft GW)	EPA Industrial RSLs	B-1 4-5 ft	B-1 8-10 ft	B-2 3-5 ft	B-2 5-8 ft	B-3 3-5 ft	B-3 7-9 ft	B-4 3-5 ft	B-4 7-9 ft	B-5 2-5 ft	B-5 7-10 ft	B-6 2-5 ft	B-6 7-10 ft	B-7 0-5 ft	B-7 5-10 ft	B-8 1-5 ft	B-8 7-9 ft	B-9 2-5 ft	B-9 7-10 ft
EPA 8260	Chloroethane	75-00-3	--	5700	---	---	<0.027 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.029 J	<0.025 J
	Chloroform	67-66-3	--	1.4	---	---	<0.0095	<0.010	<0.010	<0.010	<0.0098	<0.0094	<0.0098	<0.0089	<0.0095	<0.0089	<0.010	<0.0091	<0.010	<0.010	<0.0099	<0.0089
	Chloromethane	74-87-3	--	46	---	---	<0.011	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.013	<0.012	<0.011
	cis-1,3-Dichloropropene	10061-01-5	--	--	---	---	<0.0059	<0.0063	<0.0063	<0.0062	<0.0061	<0.0058	<0.0061	<0.0055	<0.0059	<0.0055	<0.0062	<0.0056	<0.0062	<0.0064	<0.0062	<0.0055
	Dibromochloromethane	124-48-1	--	39	---	---	<0.0088	<0.0094	<0.0093	<0.0093	<0.0090	<0.0087	<0.0091	<0.0082	<0.0088	<0.0083	<0.0093	<0.0084	<0.0093	<0.0096	<0.0092	<0.0082
	Dibromomethane	74-95-3	--	9.9	---	---	<0.013	<0.014	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.013	<0.013	<0.014	<0.013	<0.014	<0.015	<0.014	<0.013
	Dichlorodifluoromethane	75-71-8	--	37	---	---	<0.014	<0.015	<0.015	<0.015	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.015	<0.013
	Dichlorofluoromethane	75-43-4	--	--	---	---	<0.053	<0.057	<0.057	<0.056	<0.055	<0.053	<0.055	<0.050	<0.054	<0.050	<0.056	<0.051	<0.056	<0.058	<0.056	<0.050
	Diethyl ether (Ethyl ether)	60-29-7	--	23000	---	---	<0.018	<0.020	<0.020	<0.019	<0.019	<0.018	<0.019	<0.017	<0.019	<0.017	<0.020	<0.018	<0.020	<0.020	<0.019	<0.017
	Ethylbenzene	100-41-4	10	25	---	---	<0.0085	<0.0091	<0.0090	<0.0089	<0.0087	<0.0084	<0.0088	<0.0079	<0.0085	<0.0080	<0.0090	<0.0081	<0.0090	<0.0093	<0.0089	<0.0079
	Hexachloro-1,3-butadiene	87-68-3	--	5.3	---	---	<0.024	<0.026	<0.026	<0.025	<0.025	<0.024	<0.025	<0.023	<0.024	<0.023	<0.026	<0.023	<0.026	<0.026	<0.025	<0.023
	Isopropylbenzene (Cumene)	98-82-8	--	990	---	---	<0.010	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.0096	<0.010	<0.0097	<0.011	<0.0098	<0.011	<0.011	<0.011	<0.0097
	Methyl-tert-butyl ether	1634-04-4	0.08	210	---	---	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.0099	<0.011	<0.010	<0.011	<0.010	<0.011	<0.012	<0.011	<0.010
	Methylene Chloride	75-09-2	--	320	---	---	**0.019J**	**0.024J**	**0.031J**	**0.020J**	**0.023J**	**0.017J**	**0.017J**	**0.016J**	**0.021J**	<0.016	**0.022J**	<0.016	**0.023J**	**0.021J**	**0.026J**	<0.016
	Naphthalene	91-20-3	9	17	---	---	<0.082	<0.088	<0.087	<0.086	<0.084	<0.081	<0.085	<0.077	<0.082	<0.077	<0.087	<0.078	<0.086	<0.089	<0.086	<0.077
	Styrene	100-42-5	--	3500	---	---	<0.0090	<0.0097	<0.0096	<0.0095	<0.0093	<0.0089	<0.0093	<0.0084	<0.0090	<0.0085	<0.0095	<0.0086	<0.0095	<0.0098	<0.0094	<0.0084
	Tetrachloroethene	127-18-4	--	39	---	---	<0.012	<0.013	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.013	<0.012	<0.011
	Tetrahydrofuran	109-99-9	--	9600	---	---	<0.090	<0.096	<0.095	<0.095	<0.092	<0.089	<0.093	<0.084	<0.090	<0.084	<0.095	<0.086	<0.095	<0.098	<0.094	<0.084
	Toluene	108-88-3	10	4700	---	---	<0.011	<0.012	<0.012	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.012	<0.010	<0.012	<0.012	<0.011	<0.010
	Trichloroethene	79-01-6	--	1.9	---	---	<0.014	<0.015	<0.015	<0.014	<0.014	<0.014	<0.014	<0.013	<0.014	<0.013	<0.015	<0.013	<0.015	<0.015	<0.014	<0.013
	Trichlorofluoromethane	75-69-4	--	35000	---	---	**0.74 J**	<0.042 J	<0.042 J	<0.041 J	<0.040 J	<0.039 J	<0.041 J	<0.037 J	<0.039 J	<0.037 J	<0.042 J	<0.037 J	<0.042 J	<0.043 J	<0.041 J	<0.037 J
	Vinyl chloride	75-01-4	--	1.7	---	---	<0.010	<0.011	<0.011	<0.011	<0.010	<0.010	<0.011	<0.0095	<0.010	<0.0096	<0.011	<0.0097	<0.011	<0.011	<0.011	<0.0096
	Xylene (Total)	1330-20-7	200	250	---	---	<0.034	<0.036	<0.036	<0.036	<0.035	<0.034	<0.035	<0.032	<0.034	<0.032	<0.036	<0.032	<0.036	<0.037	<0.036	<0.032
	cis-1,2-Dichloroethene	156-59-2	--	230	---	---	<0.020	<0.022	<0.021	<0.021	<0.021	<0.020	<0.021	<0.019	<0.020	<0.019	<0.021	<0.019	<0.021	<0.022	<0.021	<0.019
	m&p-Xylene	179601-23-1	--	--	---	---	<0.024	<0.026	<0.026	<0.026	<0.025	<0.024	<0.025	<0.023	<0.024	<0.023	<0.026	<0.023	<0.026	<0.027	<0.025	<0.023
	n-Butylbenzene	104-51-8	--	5800	---	---	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.010	<0.011	<0.010	<0.011	<0.012	<0.011	<0.010
	n-Propylbenzene	103-65-1	--	2400	---	---	<0.012	<0.013	<0.013	<0.013	<0.012	<0.012	<0.013	<0.011	<0.012	<0.011	<0.013	<0.012	<0.013	<0.013	<0.013	<0.011
	o-Xylene	95-47-6	--	280	---	---	<0.0096	<0.010	<0.010	<0.010	<0.0099	<0.0095	<0.0099	<0.0090	<0.0096	<0.0090	<0.010	<0.0092	<0.010	<0.010	<0.010	<0.0090
	p-Isopropyltoluene	99-87-6	--	--	---	---	<0.0099	<0.011	<0.011	<0.010	<0.010	<0.0098	<0.010	<0.0093	<0.0099	<0.0093	<0.010	<0.0095	<0.010	<0.011	<0.010	<0.0093
	sec-Butylbenzene	135-98-8	--	12000	---	---	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.013	<0.012	<0.011
	tert-Butylbenzene	98-06-6	--	12000	---	---	<0.015	<0.016	<0.016	<0.016	<0.016	<0.015	<0.016	<0.014	<0.015	<0.014	<0.016	<0.015	<0.016	<0.017	<0.016	<0.014
	trans-1,3-Dichloropropene	10061-02-6	--	--	---	---	<0.022	<0.024	<0.023	<0.023	<0.023	<0.022	<0.023	<0.021	<0.022	<0.021	<0.023	<0.021	<0.023	<0.024	<0.023	<0.021
	trans-1,2-Dichloroethene	156-60-5	--	2300	---	---	<0.0093	<0.010	<0.0099	<0.0098	<0.0096	<0.0093	<0.0096	<0.0087	<0.0094	<0.0088	<0.0099	<0.0089	<0.0098	<0.010	<0.0098	<0.0087
Semi-Volatile Organic Compounds (SVOCs)																						
EPA 8270	1,2,4-Trichlorobenzene	120-82-1	--	26	---	---	<0.064	<0.067	<0.066	<0.066	<0.064	<0.063	<0.065	<0.059	<0.064	<0.059	<0.066	<0.060	<0.065	<0.069	<0.065	<0.058
	1,2-Dichlorobenzene	95-50-1	--	930	---	---	<0.025	<0.026	<0.026	<0.026	<0.025	<0.025	<0.025	<0.023	<0.025	<0.023	<0.026	<0.023	<0.026	<0.027	<0.025	<0.023
	1,2-Diphenylhydrazine	122-66-7	--	2.9	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	1,3-Dichlorobenzene	541-73-1	--	--	---	---	<0.024	<0.026	<0.025	<0.025	<0.024	<0.024	<0.025	<0.022	<0.024	<0.023	<0.025	<0.023	<0.025	<0.027	<0.025	<0.022
	1,4-Dichlorobenzene	106-46-7	--	11	---	---	<0.026	<0.027	<0.027	<0.027	<0.026	<0.026	<0.026	<0.024	<0.026	<0.024	<0.027	<0.024	<0.026	<0.028	<0.026	<0.024
	1-Methylnaphthalene	90-12-0	--	73	---	---	<0.067	<0.071	<0.069	<0.069	<0.067	<0.066	<0.068	<0.061	<0.067	<0.062	<0.069	<0.062	<0.068	<0.073	<0.068	<0.061
	2,4,5-Trichlorophenol	95-95-4	--	8,200	---	---	<0.046	<0.049	<0.048	<0.048	<0.046	<0.046	<0.047	<0.042	<0.046	<0.043	<0.048	<0.043	<0.047	<0.050	<0.047	<0.042
	2,4,6-Trichlorophenol	88-06-2	--	82	---	---	<0.050	<0.053	<0.052	<0.052	<0.050	<0.049	<0.050	<0.046	<0.050	<0.046	<0.051	<0.047	<0.051	<0.054	<0.051	<0.046
	2,4-Dichlorophenol	120-83-2	--	250	---	---	<0.073	<0.077	<0.076	<0.076	<0.073	<0.072	<0.074	<0.067	<0.073	<0.068	<0.075	<0.068	<0.075	<0.079	<0.074	<0.067
	2,4-Dimethylphenol	105-67-9	--	1600	---	---	<0.072	<0.077	<0.075	<0.075	<0.073	<0.072	<0.073	<0.066	<0.072	<0.067	<0.075	<0.068	<0.074	<0.079	<0.074	<0.066
	2.4-Dinitrophenol	51-28-5	--	160	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	2,4-Dinitrotoluene	121-14-2	--	7.4	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	2.6-Dinitrotoluene	606-20-2	--	1.5	---	---	<0.033	<0.035	<0.034	<0.034	<0.033	<0.033	<0.034	<0.030	<0.033	<0.031	<0.034	<0.031	<0.034	<0.036	<0.034	<0.030
	2-Chloronaphthalene	91-58-7	--	6000	---	---	<0.061	<0.064	<0.063	<0.063	<0.061	<0.060	<0.061	<0.056	<0.060	<0.056	<0.062	<0.057	<0.062	<0.066	<0.062	<0.056
	2-Chlorophenol	95-57-8	--	580	---	---	<0.090	<0.095	<0.094	<0.094	<0.090	<0.089	<0.091	<0.083	<0.090	<0.084	<0.093	<0.084	<0.093	<0.098	<0.092	<0.083
	2-Methylnaphthalene	91-57-6	--	300	---	---	<0.069	<0.073	<0.072	<0.072	<0.069	<0.068	<0.070	<0.063	<0.069	<0.064	<0.071	<0.065	<0.071	<0.075	<0.071	<0.063
	2-Methylphenol(o-Cresol)	95-48-7	--	4100	---	---	<0.084	<0.089	<0.087	<0.087	<0.084	<0.083	<0.085	<0.077	<0.083	<0.078	<0.086	<0.078	<0.086	<0.091	<0.085	<0.077
	2-Nitroaniline	88-74-4	--	800	---	---	<0.042	<0.044	<0.044	<0.044	<0.042	<0.042	<0.043	<0.039	<0.042	<0.039	<0.043	<0.039	<0.043	<0.046	<0.043	<0.038
	2-Nitrophenol	88-75-5	--	--	---	---	<0.066	<0.070	<0.069	<0.069	<0.066	<0.065	<0.067	<0.061	<0.066	<0.061	<0.068	<0.062	<0.068	<0.072	<0.067	<0.061
	3&4-Methylphenol(m&p Cresol)	(m&p Cresol)	--	--	---	---	<0.077	<0.082	<0.080	<0.080	<0.077	<0.077	<0.078	<0.071	<0.077	<0.072	<0.080	<0.072	<0.079	<0.084	<0.079	<0.071
	3,3'-Dichlorobenzidine	91-94-1	--	5.1	---	---	<0.054	<0.057	<0.056	<0.056	<0.054	<0.053	<0.055	<0.049	<0.054	<0.050	<0.055	<0.050	<0.055	<0.059	<0.055	<0.049
	3-Nitroaniline	99-09-2	--	--	---	---	<0.039	<0.042	<0.041	<0.041	<0.040	<0.039	<0.040	<0.036	<0.039	<0.037	<0.041	<0.037	<0.041	<0.043	<0.040	<0.036
	4,6-Dinitro-2-methylphenol	534-52-1	--	6.6	---	---	<0.077	<0.081	<0.080	<0.080	<0.077	<0.076	<0.078	<0.071	<0.077	<0.071	<0.079	<0.072	<0.079	<0.084	<0.078	<0.070
	4-Bromophenylphenyl ether	101-55-3	--	--	---	---	<0.041	<0.044	<0.043	<0.043	<0.041	<0.041	<0.042	<0.038	<0.041	<0.038	<0.042	<0.038	<0.042	<0.045	<0.042	<0.038
	4-Chloro-3-methylphenol	59-50-7	--	8200	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18

Table 1
Soil Results
Frank Properties
Billings, Montana

Analytical Method	Target Analyte	CAS Number	Montana Tier 1 RBSLs Subsurface Soil (<10ft GW)	EPA Industrial RSLs	B-1 4-5 ft	B-1 8-10 ft	B-2 3-5 ft	B-2 5-8 ft	B-3 3-5 ft	B-3 7-9 ft	B-4 3-5 ft	B-4 7-9 ft	B-5 2-5 ft	B-5 7-10 ft	B-6 2-5 ft	B-6 7-10 ft	B-7 0-5 ft	B-7 5-10 ft	B-8 1-5 ft	B-8 7-9 ft	B-9 2-5 ft	B-9 7-10 ft
	4-Chloroaniline	106-47-8	--	11	---	---	<0.059	<0.063	<0.062	<0.062	<0.059	<0.059	<0.060	<0.054	<0.059	<0.055	<0.061	<0.055	<0.061	<0.064	<0.061	<0.054
	4-Chlorophenylphenyl ether	7005-72-3	--	--	---	---	<0.044	<0.047	<0.046	<0.046	<0.045	<0.044	<0.045	<0.041	<0.044	<0.041	<0.046	<0.042	<0.046	<0.048	<0.045	<0.041
	4-Nitroaniline	100-01-6	--	110	---	---	<0.034	<0.036	<0.035	<0.035	<0.034	<0.034	<0.034	<0.031	<0.034	<0.031	<0.035	<0.032	<0.035	<0.037	<0.035	<0.031
	4-Nitrophenol	100-02-7	--	--	---	---	<0.040	<0.043	<0.042	<0.042	<0.041	<0.040	<0.041	<0.037	<0.040	<0.038	<0.042	<0.038	<0.042	<0.044	<0.041	<0.037
	Acenaphthene	83-32-9	800	4500	---	---	<0.045	<0.047	<0.046	<0.046	<0.045	<0.044	<0.045	<0.041	<0.045	<0.041	<0.046	<0.042	<0.046	<0.049	<0.046	<0.041
	Acenaphthylene	208-96-8	--	--	---	---	<0.051	<0.054	<0.053	<0.053	<0.051	<0.050	<0.051	<0.046	<0.050	<0.047	<0.052	<0.047	<0.052	<0.055	<0.052	<0.046
	Anthracene	120-12-7	10,000	23000	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Benzo(a)anthracene	56-55-3	50	2.9	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Benzo(a)pyrene	50-32-8	5	0.29	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Benzo(b)fluoranthene	205-99-2	50	2.9	---	---	<0.049	<0.052	<0.051	<0.051	<0.049	<0.049	<0.050	<0.045	<0.049	<0.046	<0.050	<0.046	<0.050	<0.053	<0.050	<0.045
	Benzo(g,h,i)perylene	191-24-2	--	--	---	---	<0.047	<0.050	<0.049	<0.049	<0.047	<0.047	<0.048	<0.043	<0.047	<0.044	<0.048	<0.044	<0.048	<0.051	<0.048	<0.043
	Benzo(k)fluoranthene	207-08-9	500	29	---	---	<0.049	<0.052	<0.051	<0.051	<0.050	<0.049	<0.050	<0.045	<0.049	<0.046	<0.051	<0.046	<0.051	<0.054	<0.050	<0.045
	Butylbenzylphthalate	85-68-7	--	1200	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Carbazole	86-74-8	--	--	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Chrysene	218-01-9	5,000	290	---	---	<0.052	<0.055	<0.054	<0.054	<0.052	<0.051	<0.053	<0.048	<0.052	<0.048	<0.053	<0.049	<0.053	<0.056	<0.053	<0.048
	Di-n-butylphthalate	84-74-2	--	8200	---	---	<0.054	<0.057	<0.056	<0.056	<0.054	<0.053	<0.054	<0.049	<0.054	<0.050	<0.055	<0.050	<0.055	<0.058	<0.055	<0.049
	Di-n-octylphthalate	117-84-0	--	820	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Dibenz(a,h)anthracene	53-70-3	5	0.29	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Dibenzofuran	132-64-9	--	100	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Diethylphthalate	84-66-2	--	66000	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
EPA 8270	Dimethylphthalate	131-11-3	--	--	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Fluoranthene	206-44-0	2,000	3000	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Fluorene	86-73-7	2,000	3000	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Hexachloro-1,3-butadiene	87-68-3	--	5.3	---	---	<0.033	<0.034	<0.034	<0.034	<0.033	<0.032	<0.033	<0.030	<0.032	<0.030	<0.034	<0.030	<0.033	<0.035	<0.033	<0.030
	Hexachlorobenzene	118-74-1	--	0.96	---	---	<0.051	<0.054	<0.053	<0.053	<0.051	<0.050	<0.052	<0.047	<0.051	<0.047	<0.052	<0.048	<0.052	<0.055	<0.052	<0.047
	Hexachloroethane	67-72-1	--	8	---	---	<0.025	<0.026	<0.026	<0.026	<0.025	<0.024	<0.025	<0.023	<0.025	<0.023	<0.025	<0.023	<0.025	<0.027	<0.025	<0.023
	Indeno(1,2,3-cd)pyrene	193-39-5	50	2.9	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Isophorone	78-59-1	--	2400	---	---	<0.062	<0.065	<0.064	<0.064	<0.062	<0.061	<0.063	<0.057	<0.062	<0.057	<0.064	<0.058	<0.063	<0.067	<0.063	<0.057
	N-Nitroso-di-n-propylamine	621-64-7	--	0.33	---	---	<0.053	<0.056	<0.055	<0.055	<0.053	<0.052	<0.053	<0.048	<0.052	<0.049	<0.054	<0.049	<0.054	<0.057	<0.054	<0.048
	N-Nitrosodimethylamine	62-75-9	--	0.034	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	N-Nitrosodiphenylamine	86-30-6	--	470	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Naphthalene	91-20-3	30	17	---	---	<0.072	<0.077	<0.075	<0.075	<0.073	<0.072	<0.073	<0.066	<0.072	<0.067	<0.075	<0.068	<0.074	<0.079	<0.074	<0.066
	Nitrobenzene	98-95-3	--	22	---	---	<0.078	<0.083	<0.081	<0.081	<0.078	<0.077	<0.079	<0.072	<0.078	<0.073	<0.080	<0.073	<0.080	<0.085	<0.080	<0.072
	Pentachlorophenol	87-86-5	--	4	---	---	<0.19	<0.20	<0.20	<0.20	<0.19	<0.19	<0.20	<0.18	<0.19	<0.18	<0.20	<0.18	<0.20	<0.21	<0.20	<0.18
	Phenanthrene	85-01-8	---	--	---	---	<0.055	<0.059	<0.057	<0.057	<0.055	<0.055	<0.056	<0.051	<0.055	<0.051	<0.057	<0.052	<0.057	<0.060	<0.056	<0.051
	Phenol	108-95-2	--	25000	---	---	<0.084	<0.089	<0.088	<0.088	<0.085	<0.084	<0.086	<0.078	<0.084	<0.079	<0.087	<0.079	<0.087	<0.092	<0.086	<0.077
	Pyrene	129-00-0	2,000	2300	---	---	<0.049	<0.052	<0.051	<0.051	<0.049	<0.048	<0.049	<0.045	<0.049	<0.045	<0.050	<0.046	<0.050	<0.053	<0.050	<0.045
	bis(2-Chloroethoxy)methane	111-91-1	--	250	---	---	<0.075	<0.080	<0.078	<0.079	<0.076	<0.075	<0.077	<0.069	<0.075	<0.070	<0.078	<0.071	<0.078	<0.082	<0.077	<0.069
	bis(2-Chloroethyl) ether	111-44-4	--	1	---	---	<0.027	<0.029	<0.028	<0.028	<0.027	<0.027	<0.027	<0.025	<0.027	<0.025	<0.028	<0.025	<0.028	<0.029	<0.028	<0.025
	bis(2-Chloroisopropyl)ether	108-60-1	--	4700	---	---	<0.089	<0.094	<0.093	<0.093	<0.089	<0.088	<0.091	<0.082	<0.089	<0.083	<0.092	<0.083	<0.092	<0.097	<0.091	<0.082
	bis(2-Ethylhexyl)phthalate	117-81-7	--	160	---	---	<0.066	<0.070	<0.069	<0.069	<0.066	<0.065	<0.067	<0.061	<0.066	<0.061	<0.068	<0.062	<0.068	<0.072	<0.067	<0.061

Notes:
BOLDED - sample result indicates a detection above the laboratory detection limit but below screening levels and water quality standards
BOLDED/shaded - sample result indicates a detection above Montana Department of Environmental Quality September 2009 Tier 1 Risk-Based Screening Levels (RBSLs) and/or USEPA Industrial Regional Screening Levels (RSLs)

J - result is estimated
< - the compound was analyzed for, but detection was below Method Detection Limit
-- - screening level for the compound is not established, or the compound was not analyzed
* Montana Tier 1 Risk-Based Corrective Action Guidance for metals in soil, published by the Montana Department of Environmental Quality, dated September 2009.
Montana Tier 1 RBSLs Subsurface Soil (<10ft GW) - Montana Department of Environmental Quality September 2009 Tier 1 Risk-Based Screening Levels (RBSLs)
EPA Industrial RSLs - USEPA Industrial Regional Screening Levels (RSLs), November 2015 (TR=1e-06, THQ=0.1)
All results are presented in milligrams per kilogram (mg/kg)

Table 2
Groundwater Results Table
Frank Properties
Billings, Montana

Analytical Method	Target Analyte	Montana Tier 1 Groundwater RBSLs	DEQ 7 Numeric Water Quality Standards	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
Extractable Petroleum Hydrocarbons (EPH)												
EPH	Total Extractable Hydrocarbons	1000	--	**376J**	**326J**	**655**	**361J**	<97.8	<92.0	<109	<104	<94.3
Volatile Petroleum Hydrocarbons (VPH)												
VPH	Total Purgeable Hydrocarbons	1000	--	<11.6	<2.3	<2.3	<11.6	**9.7J**	<11.6	<2.3	<2.3	<2.3
	Aliphatic (C5-C8)	700	--	<7.1	<1.4	<1.4	<7.1	**11.0J**	**9.1J**	<1.4	<1.4	<1.4
	Aliphatic (C9-C12)	1000	--	<6.6	<1.3	<1.3	<6.6	<1.3	<6.6	<1.3	<1.3	<1.3
	Aromatic (C9-C10)	1000	--	<0.43 J	<0.086 J	<0.086 J	<0.43 J	<0.086 J	<0.43 J	<0.086 J	<0.086 J	<0.086 J
	Aliphatic (C5-C8), adjusted	--	--	<7.1	<1.4	<1.4	<7.1	<1.4	<7.1	<1.4	<1.4	<1.4
	Aliphatic (C9-C12), adjusted	--	--	<6.6	<1.3	<1.3	<6.6	<1.3	<6.6	<1.3	<1.3	<1.3
	Benzene	5.0	5	<0.37	<0.074	<0.074	<0.37	<0.074	<0.37	<0.074	<0.074	<0.074
	Ethylbenzene	700	700	<0.30	<0.060	<0.060	<0.30	<0.060	<0.30	<0.060	<0.060	<0.060
	Methyl-tert-butyl ether	30	30	<1.1	<0.22	<0.22	**47.1**	**32.2**	**105**	**11.4**	<0.22	<0.22
	Naphthalene	100	100	**7.2 J**	<0.16 J	<0.16 J	<0.80 J	<0.16 J	<0.80 J	<0.16 J	<0.16 J	<0.16 J
	Toluene	1000	1000	<0.30	<0.061	<0.061	<0.30	<0.061	<0.30	<0.061	<0.061	<0.061
	Xylene (Total)	10000	--	<0.82	<0.16	<0.16	<0.82	<0.16	<0.82	<0.16	<0.16	<0.16
	m&p-Xylene (co-elute)	--	10000	<0.43	<0.086	<0.086	<0.43	<0.086	<0.43	<0.086	<0.086	<0.086
	o-Xylene	--	10000	<0.39	<0.078	<0.078	<0.39	<0.078	<0.39	<0.078	<0.078	<0.078
Volatile Organic Compounds (VOCs)												
EPA Method 8260B	1,1,1,2-Tetrachloroethane	--	--	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	1,1,1-Trichloroethane	--	200	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	1,1,2,2-Tetrachloroethane	--	2	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	1,1,2-Trichloroethane	--	3	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,1,2-Trichlorotrifluoroethane	--	--	--	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
	1,1-Dichloroethane	--	--	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	1,1-Dichloroethene	--	7	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	1,1-Dichloropropene	--	--	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	1,2,3-Trichlorobenzene	--	--	--	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
	1,2,3-Trichloropropane	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,2,4-Trichlorobenzene	--	70	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	1,2,4-Trimethylbenzene	--	--	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	1,2-Dibromo-3-chloropropane	--	0.2	--	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
	1,2-Dibromoethane (EDB)	--	0.004	--	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
	1,2-Dichlorobenzene	--	600	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	1,2-Dichloroethane	--	4	--	<0.17	<0.17	**0.21J**	**0.56**	**1.4**	<0.17	<0.17	<0.17
	1,2-Dichloropropane	--	5	--	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
	1,3,5-Trimethylbenzene	--	--	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	1,3-Dichlorobenzene	--	600	--	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
	1,3-Dichloropropane	--	--	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,4-Dichlorobenzene	--	75	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	2,2-Dichloropropane	--	--	--	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36 J	<0.36
	2-Butanone (MEK)	--	--	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	2-Chlorotoluene	--	--	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	4-Chlorotoluene	--	--	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	4-Methyl-2-pentanone (MIBK)	--	--	--	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Acetone	--	--	--	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1
	Allyl chloride	--	--	--	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	Benzene	--	5	--	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
	Bromobenzene	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	--	--	--	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
	Bromodichloromethane	--	10	--	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
	Bromoform	--	80	--	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
	Bromomethane	--	10	--	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36 J	<0.36
	Carbon tetrachloride	--	3	--	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
	Chlorobenzene	--	100	--	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
	Chloroethane	--	--	--	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
	Chloroform	--	70	--	<0.27	<0.27	<0.27	**0.67J**	<0.27	<0.27	<0.27	<0.27
	Chloromethane	--	30	--	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	**0.74J**
	cis-1,3-Dichloropropene	--	4	--	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
	Dibromochloromethane	--	4	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	Dibromomethane	--	--	--	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
	Dichlorodifluoromethane	--	1000	--	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	Dichlorofluoromethane	--	--	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	Diethyl ether (Ethyl ether)	--	--	--	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
	Ethylbenzene	--	700	--	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
	Hexachloro-1,3-butadiene	--	5	--	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	Isopropylbenzene (Cumene)	--	--	--	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
	Methyl-tert-butyl ether	--	30	--	**1.5**	**5.1**	**50.4**	**37.1**	**111**	**10.4**	<0.20	**1.6**
	Methylene Chloride	--	5	--	**0.61 J**	<0.56	<0.56	<0.56	<0.56	**0.58 J**	<0.56	<0.56
	Naphthalene	--	100	--	<0.14 J	<0.14 J	<0.14 J	<0.14 J	<0.14 J	<0.14 J	<0.14 J	<0.14 J
	Styrene	--	100	--	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	Tetrachloroethene	--	5	--	<0.19	<0.19	<0.19	**3.2**	**11.4**	**5.8**	<0.19	<0.19
	Tetrahydrofuran	--	--	--	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	Toluene	--	1000	--	<0.13	**0.20J**	**0.18J**	<0.13	<0.13	<0.13	<0.13	<0.13
	Trichloroethene	--	5	--	<0.14 J	<0.14 J	<0.14 J	**0.33 J**	**0.79 J**	<0.14 J	**0.23 J**	**0.31 J**
	Trichlorofluoromethane	--	10000	--	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18

Table 2
Groundwater Results Table
Frank Properties
Billings, Montana

Analytical Method	Target Analyte	Montana Tier 1 Groundwater RBSLs	DEQ 7 Numeric Water Quality Standards	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
EPA Method 8260B	Vinyl chloride	--	--	--	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081
	Xylene (Total)	--	--	--	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	cis-1,2-Dichloroethene	--	70	--	<0.25	<0.25	<0.25	**0.27J**	<0.25	<0.25	<0.25	<0.25
	m&p-Xylene	--	10000	--	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
	n-Butylbenzene	--	--	--	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083
	n-Propylbenzene	--	--	--	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
	o-Xylene	--	10000	--	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
	p-Isopropyltoluene	--	300	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	sec-Butylbenzene	--	16	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	p-Isopropyltoluene	--	--	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	sec-Butylbenzene	--	--	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	tert-Butylbenzene	--	--	--	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
	trans-1,3-Dichloropropene	--	2	--	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	trans-1,2-Dichloroethene	--	100	--	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Metals												
EPA 6010 (Total Metals)	Arsenic	--	10*	--	**34.8**	**26.2**	**148**	**89.1**	**13.5J**	**158**	**24.8**	**15.0J**
	Barium	--	1000*	--	**936 J**	**1020 J**	**3230 J**	**4820 J**	**743 J**	**2260 J**	**570 J**	**616 J**
	Cadmium	--	5*	--	**0.66J**	<0.65	<3.2	<0.65	<0.65	<3.2	**0.71J**	<0.65
	Chromium	--	100*	--	**198 J**	**198 J**	**502**	**353**	**62.7**	**598**	**103**	**79.5**
	Lead	--	15*	--	**68.2 J**	**65.6 J**	**150 J**	**60.7 J**	**13.7 J**	**184 J**	**29.9 J**	**23.9 J**
	Selenium	--	50*	--	**11.7J**	**31.6**	<41.3	**19.5J**	<8.3	<41.3	**25.9**	<8.3
	Silver	--	100*	--	<2.4	<2.4	<11.8	<2.4	<2.4	<11.8	<2.4	<2.4
EPA 7470	Mercury	--	2*	--	**0.21J**	**0.27J**	**1.1**	**0.21J**	<0.065	**0.6**	<0.065	<0.065
Semi-Volatile Organic Compounds (SVOCs)												
EPA 8270	1,2,4-Trichlorobenzene	--	70	--	<2.5	<2.1	<2.1	<2.2	<2.2	<2.2	<2.2	<2.1
	1,2-Dichlorobenzene	--	600	--	<2.5	<2.2	<2.1	<2.2	<2.2	<2.2	<2.2	<2.1
	1,2-Diphenylhydrazine	--	0.4	--	<3.2	<2.8	<2.7	<2.8	<2.9	<2.8	<2.8	<2.7
	1,3-Dichlorobenzene	--	400	--	<2.1	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.8
	1,4-Dichlorobenzene	--	75	--	<2.4	<2.1	<2.1	<2.2	<2.2	<2.1	<2.2	<2.1
	1-Methylnaphthalene	--	--	--	<2.7	<2.4	<2.3	<2.4	<2.4	<2.4	<2.4	<2.3
	2,4,5-Trichlorophenol	--	7	--	<2.8	<2.4	<2.4	<2.5	<2.5	<2.5	<2.5	<2.4
	2,4,6-Trichlorophenol	--	30	--	<2.8	<2.5	<2.4	<2.5	<2.6	<2.5	<2.5	<2.4
	2,4-Dichlorophenol	--	93	--	<2.9	<2.6	<2.5	<2.6	<2.7	<2.6	<2.6	<2.5
	2,4-Dimethylphenol	--	540	--	<8.7	<7.6	<7.6	<7.8	<7.9	<7.7	<7.8	<7.6
	2,4-Dinitrotoluene	--	0.5	--	<2.7	<2.4	<2.4	<2.5	<2.5	<2.4	<2.5	<2.4
	2,4-Dinitrophenol	--	70	--	<3.5	<3.1	<3.1	<3.2	<3.2	<3.1	<3.2	<3.1
	2,6-Dinitrotoluene	--	0.5	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.6	<2.7	<2.6
	2-Chloronaphthalene	--	1700	--	<2.9	<2.5	<2.5	<2.6	<2.6	<2.5	<2.6	<2.5
	2-Chlorophenol	--	120	--	<2.8	<2.5	<2.4	<2.5	<2.6	<2.5	<2.5	<2.4
	2-Methylnaphthalene	--	--	--	<2.7	<2.4	<2.3	<2.4	<2.4	<2.4	<2.4	<2.3
	2-Methylphenol(o-Cresol)	--	--	--	<2.6	<2.3	<2.2	<2.3	<2.3	<2.3	<2.3	<2.2
	2-Nitroaniline	--	--	--	<3.6	<3.1	<3.1	<3.2	<3.2	<3.2	<3.2	<3.1
	2-Nitrophenol	--	--	--	<2.9	<2.5	<2.5	<2.6	<2.6	<2.6	<2.6	<2.5
	3&4-Methylphenol (m&p Cresol)	--	--	--	<2.9	<2.6	<2.5	<2.6	<2.6	<2.6	<2.6	<2.5
	3,3'-Dichlorobenzidine	--	0.4	--	<6.4	<5.6	<5.5	<5.7	<5.8	<5.6	<5.7	<5.5
	3-Nitroaniline	--	--	--	<6.5	<5.7	<5.6	<5.8	<5.9	<5.7	<5.8	<5.6
	4,6-Dinitro-2-methylphenol	--	13.4	--	<4.6	<4.0	<3.9	<4.1	<4.1	<4.0	<4.1	<3.9
	4-Bromophenylphenyl ether	--	--	--	<3.1	<2.7	<2.7	<2.8	<2.8	<2.7	<2.8	<2.7
	4-Chloro-3-methylphenol	--	3000	--	<2.0	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	4-Chloroaniline	--	--	--	<4.7	<4.1	<4.0	<4.2	<4.2	<4.1	<4.2	<4.0
	4-Chlorophenylphenyl ether	--	--	--	<1.8	<1.6	<1.6	<1.7	<1.7	<1.6	<1.7	<1.6
	4-Nitroaniline	--	--	--	<5.6	<4.9	<4.9	<5.0	<5.1	<5.0	<5.0	<4.9
	4-Nitrophenol	--	60	--	<4.4	<3.8	<3.8	<3.9	<4.0	<3.9	<3.9	<3.8
	Acenaphthene	670	420	--	<2.1	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.8
	Acenaphthylene	--	--	--	<2.9	<2.5	<2.5	<2.6	<2.6	<2.6	<2.6	<2.5
	Anthracene	2,100	2100	--	<3.2	<2.8	<2.7	<2.8	<2.9	<2.8	<2.8	<2.7
	Benzo(a)anthracene	0.5	0.48	--	<6.5	<5.7	<5.6	<5.8	<5.9	<5.7	<5.8	<5.6
	Benzo(a)pyrene	0.05	0.048	--	<3.1	<2.7	<2.7	<2.8	<2.8	<2.7	<2.8	<2.7
	Benzo(b)fluoranthene	0.5	0.48	--	<3.2	<2.8	<2.8	<2.9	<2.9	<2.9	<2.9	<2.8
	Benzo(g,h,i)perylene	--	--	--	<3.2	<2.8	<2.8	<2.9	<2.9	<2.9	<2.9	<2.8
	Benzo(k)fluoranthene	5	4.79	--	<3.6	<3.1	<3.1	<3.2	<3.2	<3.2	<3.2	<3.1
	bis(2-Chloroethoxy)methane	--	--	--	<2.0	<1.7	<1.7	<1.8	<1.8	<1.7	<1.8	<1.7
	bis(2-Chloroisopropyl)ether	--	1400	--	<2.9	<2.5	<2.5	<2.6	<2.6	<2.6	<2.6	<2.5
	bis(2-Ethylhexyl)phthalate	--	6	--	<3.0	<2.7	<2.6	<2.7	<2.8	<2.7	<2.7	<2.6
	bis(2-Chloroethyl) ether	--	0.31	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.6	<2.7	<2.6
	Butylbenzylphthalate	--	3000	--	<2.5	<2.1	<2.1	<2.2	<2.2	<2.2	<2.2	<2.1
	Carbazole	--	--	--	<3.4	<3.0	<3.0	<3.1	<3.1	<3.0	<3.1	<3.0
	Chrysene	50	48	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.6	<2.7	<2.6
	Dibenz(a,h)anthracene	0.05	0.048	--	<2.3	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<2.0
	Dibenzofuran	--	--	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.6	<2.7	<2.6
	Diethylphthalate	--	23000	--	<3.2	<2.8	<2.7	<2.8	<2.9	<2.8	<2.8	<2.7
	Dimethylphthalate	--	313000	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.7	<2.7	<2.6
	Di-n-butylphthalate	--	2700	--	<3.1	<2.8	<2.7	<2.8	<2.8	<2.8	<2.8	<2.7
	Di-n-octylphthalate	--	--	--	<2.2	**2.1J**	<1.9	<2.0	<2.0	<2.0	<2.0	<1.9
	Fluoranthene	130	280	--	<3.2	<2.8	<2.8	<2.9	<2.9	<2.9	<2.9	<2.8
	Fluroene	1100	280	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.7	<2.7	<2.6

Table 2
Groundwater Results Table
Frank Properties
Billings, Montana

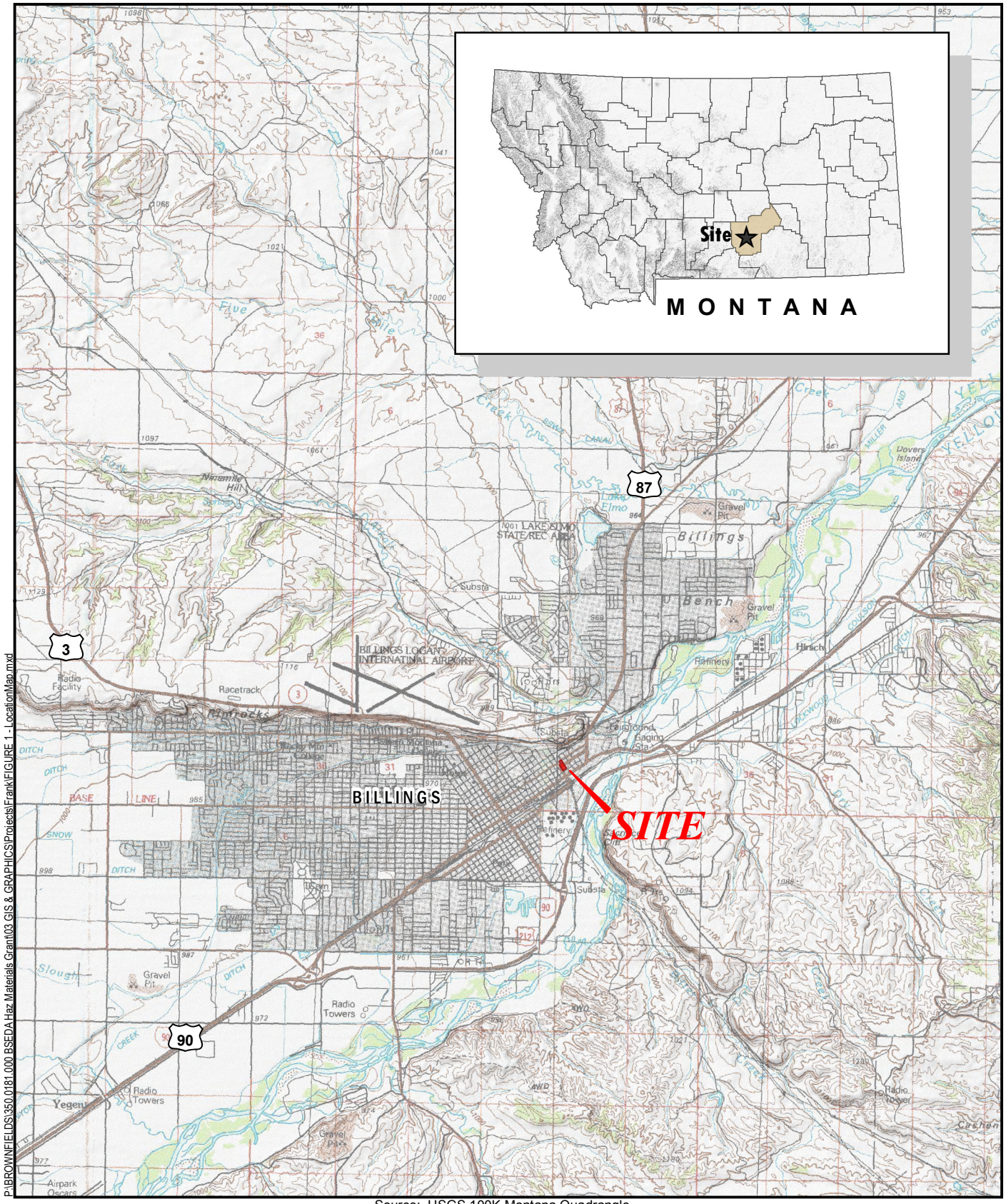
Analytical Method	Target Analyte	Montana Tier 1 Groundwater RBSLs	DEQ 7 Numeric Water Quality Standards	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
EPA 8270	Hexachloro-1,3-butadiene	--	--	--	<2.2	<1.9	<1.9	<1.9	<2.0	<1.9	<1.9	<1.9
	Hexachlorobenzene	--	0.2	--	<3.4	<2.9	<2.9	<3.0	<3.0	<3.0	<3.0	<2.9
	Hexachloroethane	--	19	--	<2.1	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	Indeno(1,2,3-cd)pyrene	0.5	0.044	--	<2.3	<2.0	<2.0	<2.1	<2.1	<2.0	<2.1	<2.0
	Isophorone	--	360	--	<2.0	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	Naphthalene	100	100	--	<2.6 J	<2.3 J	<2.2 J	<2.3 J	<2.4 J	<2.3 J	<2.3 J	<2.2 J
	Nitrobenzene	--	--	--	<3.2	<2.8	<2.8	<2.9	<2.9	<2.8	<2.9	<2.8
	N-Nitrosodimethylamine	--	0.0069	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.6	<2.7	<2.6
	N-Nitroso-di-n-propylamine	--	0.05	--	<3.0	<2.6	<2.6	<2.7	<2.7	<2.6	<2.7	<2.6
	N-Nitrosodiphenylamine	--	50	--	<5.1	<4.4	<4.4	<4.5	<4.6	<4.5	<4.5	<4.4
	Pentachlorophenol	--	1	--	<2.9	<2.5	<2.5	<2.6	<2.6	<2.5	<2.6	<2.5
	Phenanthrene	--	--	--	<3.3	<2.9	<2.8	<2.9	<3.0	<2.9	<2.9	<2.8
	Phenol	--	300	--	<2.9	<2.5	<2.5	<2.6	<2.6	<2.5	<2.6	<2.5
	Pyrene	830	960	--	<3.2	<2.8	<2.7	<2.8	<2.9	<2.8	<2.8	<2.7

Notes:
BOLDED - sample result indicates a detection above the laboratory detection limit but below screening levels and water quality standards
BOLDED/shaded - sample result indicates a detection above Montana Department of Environmental Quality September 2009 Tier 1 Risk-Based Screening Levels (RBSLs) and/or Department of Environmental Quality 7 Numeric Water Quality Standards
* - indicated standard is for dissolved metals analysis, and indicated RCRA Metals result is a total metals analysis
J - result is estimated
< - the compound was analyzed for, but the detection was below the Method Detection Limit
-- - screening level for the compound is not established, or the compound was not analyzed

Montana Tier 1 Groundwater RBSLs - Montana Department of Environmental Quality September 2009 Tier 1 Risk-Based Screening Levels (RBSLs)
DEQ 7 Numeric Water Quality Standards -Montana Department of Environmental Quality, Circular-7 Numerical Water Quality Standards (MDEQ 2012)
All results are presented in micrograms per liter (ug/L)

Billings, Montana

FIGURES



P:\BROWNFIELDS\350.0181.000 BSEDA Haz Materials Grant\03 GIS & GRAPHICS\Projects\Frank\FIGURE 1 - LocationMap.mxd

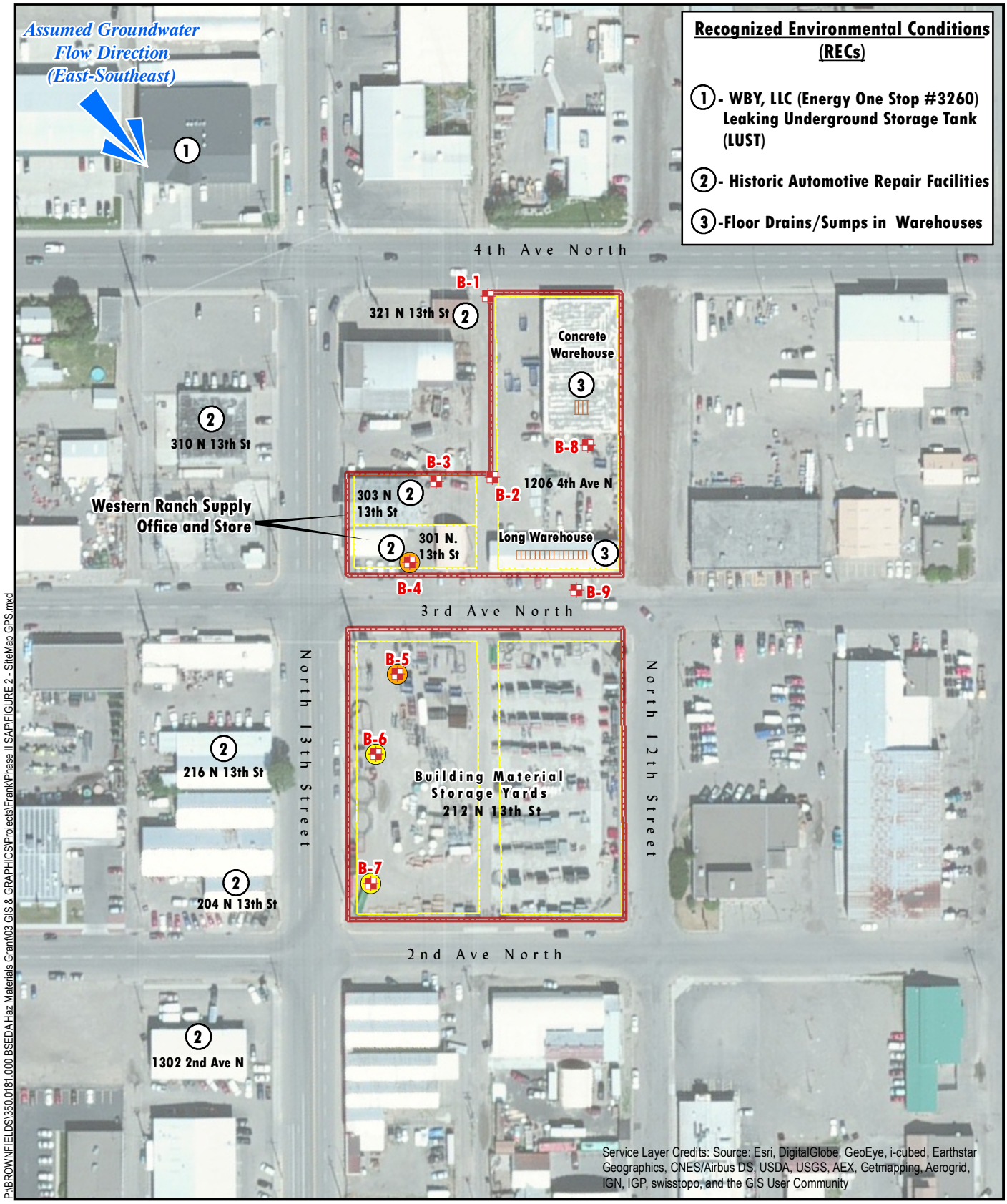
Source: USGS 100K Montana Quadrangle

N

0 Miles 2

NewFields

Location Map
Frank Properties
Billings, Montana
FIGURE 1



P:\BROWNFIELDS\350.0181.000 BSEDA Haz Materials Grant\03 GIS & GRAPHICS\Projects\Frank\Phase II SAP\FIGURE 2 - SiteMap GPS.mxd

0 Feet 150

MTBE and Tetrachloroethene in Groundwater above DEQ-7 Standard

MTBE Detected in Groundwater above DEQ-7 Standard

Borehole Location

Approximate Property Boundary

Approximate Parcel Boundary

Floor Drain

NewFields

Site Map
Frank Properties
Billings, Montana
FIGURE 2

SITE PHOTOGRAPHS

Billings, Montana

APPENDIX A

Photo 1. Western Ranch Supply Building, Store Building and Office Building (view looking east)

Photo 2. Long Warehouse (Warehouse 2), view looking North

Photo 3. Concrete Warehouse (Warehouse 3), view looking East

Photo 4. Exterior Storage Area, 212 North 13th Street, view to the Southeast

Photo 5. Drilling at Boring B-5

Photo 6. Drilling at Boring B-6

Photo 7. Boring B-7 backfilled with bentonite chips to ground surface

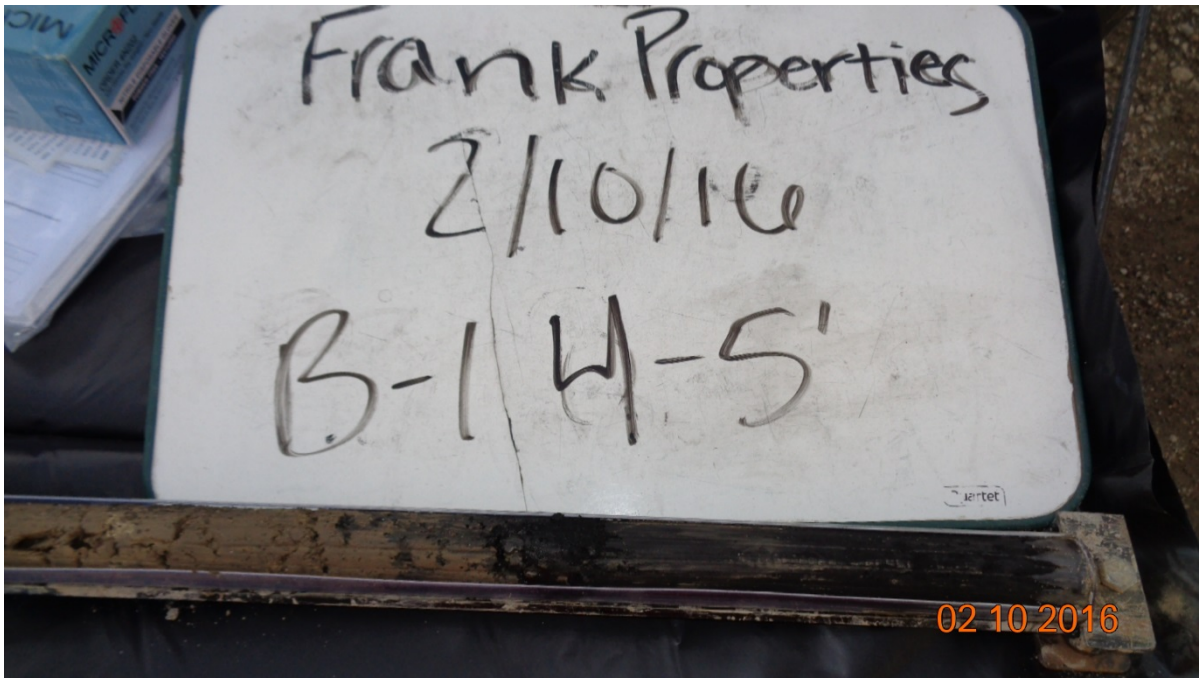


Photo 8. Boring B-1, 4-5 ft bgs. View of black soil, no odor, no petroleum vapors detected

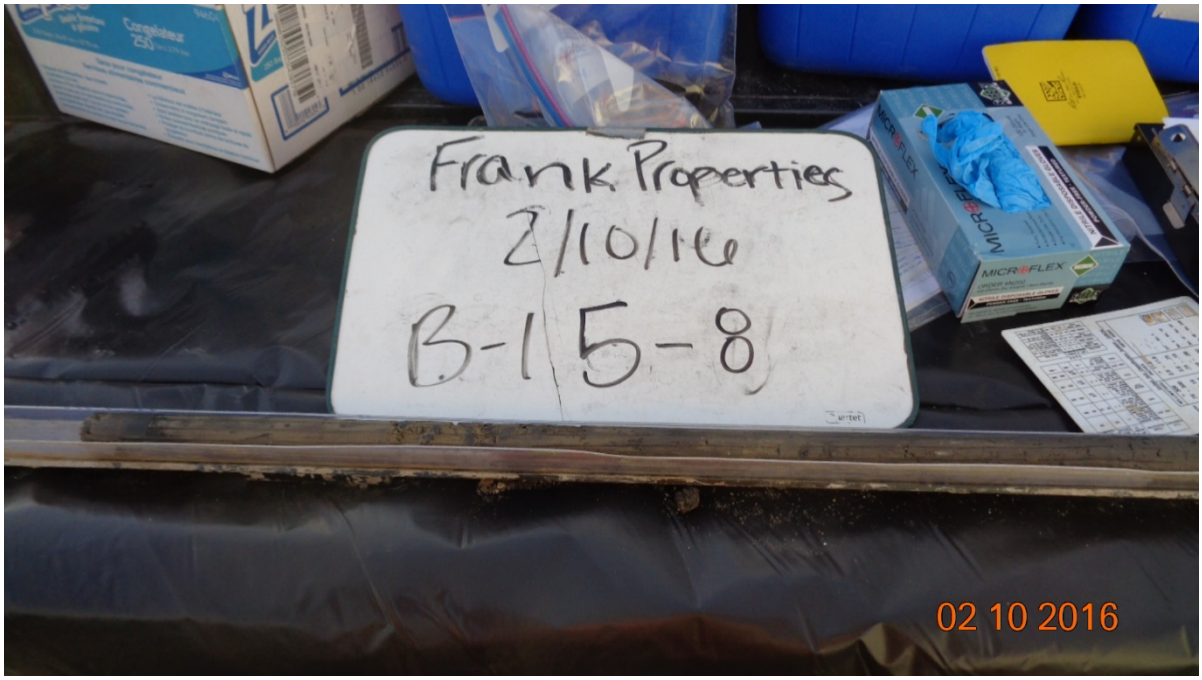


Photo 9. Boring B-1, 5-8 ft bgs: no odor or staining observed

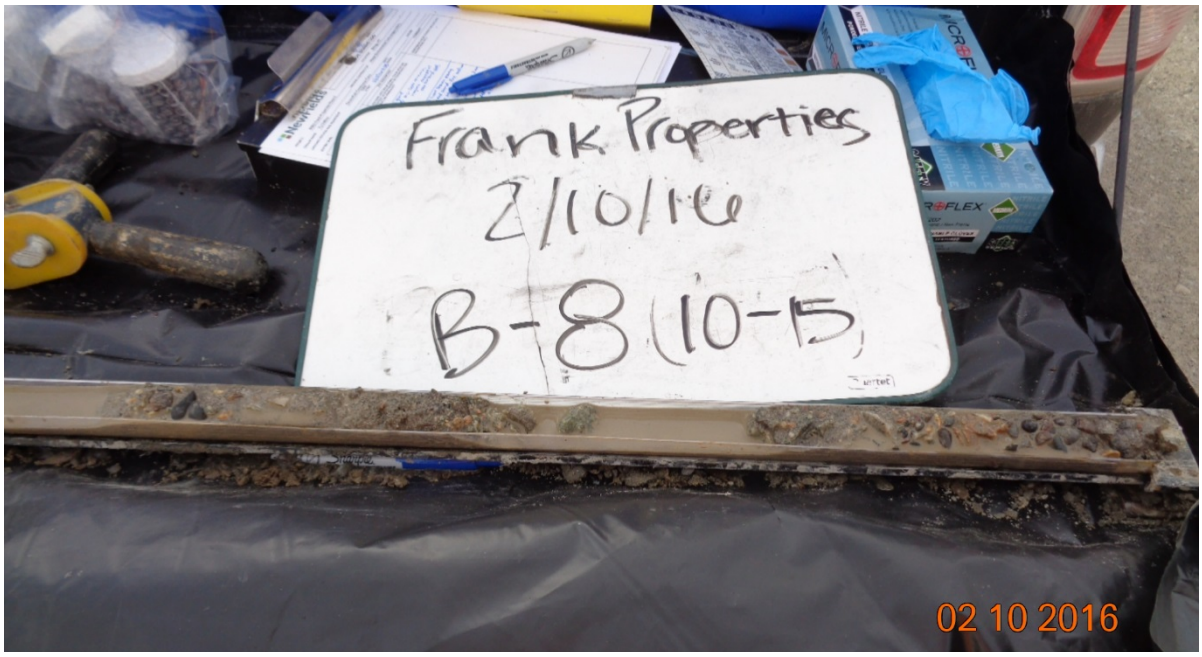


Photo 10. Coarse-grained soils observed in Boring B-8 (10-15 ft bgs)

Photo 11. Finer-grained soils observed in Boring B-2 (0-5 ft bgs)

BMI FLOWCHARTS

Billings, Montana

APPENDIX B

Decision Flowchart for Building Materials Inspection

APPENDIX B-1 • ASBESTOS

NewFields

SAMPLE

EVALUATE RESULTS

REQUIRED ACTION

DEMOLITION

A. Perform visual survey to identify suspect materials
B. Group materials into Homogeneous Areas (HAs)
C. Collect samples for asbestos analysis in accordance with the National Emissions Standards for Hazardous Air Pollutants (NESHAP) as specified in Montana Rule (ARM 17.74.354)

Non-Detect → No Action Required

Less Than 1% (Confirm via Point Count) → OSHA Regulations Apply. Workers Disturbing Material Should Use Respitory Protection in Accordance with 29 CFR Section 1926.1101

Greater Than 1% →
- Remove Under DEQ Permit Using a Montana-Accredited Abatement Contractor and Supervisor.
- Dispose of at a Specialized Landfill Licensed to Accept Asbestos.
- Renovation Only: If Desired, Manage In-Place by Encapsulating, Enclosing, or Repair. Label All Asbestos Containing Materials.

RENOVATION

Is there a renovation plan indicating the building materials that will be disturbed?

YES → MATERIALS TO BE DISTURBED SAMPLE, EVALUATE, & MANAGE as described under Demolition

NO → ALL MATERIALS: SAMPLE, EVALUATE, & MANAGE as described under Demolition

FIRE

Sample ash and recognizable building components. EVALUATE AND MANAGE as described under Demolition

Note for Air Testing During Asbestos Abatement: Multiple threshold levels for concentrations of asbestos fibers in the air must be met during abatement, and at final clearance prior to reoccupation of the former abatement work zone. These thresholds are listed in **Appendix F**

Decision Flowchart for Building Materials Inspection

APPENDIX B-2 • LEAD - BASED PAINT

(Only necessary for buildings constructed prior to 1978)

NewFields

SAMPLE

EVALUATE RESULTS

REQUIRED ACTION

DEMOLITION

Collect one composite bulk material sample representative of entire waste stream and perform leachability testing for lead via the Toxicity Characteristic Leaching Procedure (TCLP)

- TCLP Less Than 5.0 mg/L → **Not Hazardous:** Disposal at Class II Landfill
- TCLP Greater Than 5.0 mg/L → **Potentially Hazardous:** Sample Individual Painted Surface To Identify Location of Lead Concern, or Perform Disposal of Entire Waste Stream

RENOVATION

Is renovation area small (i.e., less than 3,000 square feet)?

SMALL

Use Paint Chip Testing to Evaluate Individual Painted Surfaces for Lead Concentration

- Less Than 5,000 mg/kg → **LBP Not Present:** No Special Protection Necessary for Removal
- Greater Than 5,000 mg/kg → **LBP Present:**

LARGE

Use X-Ray Fluorescence (XRF) Field Meter for Lead Concentration

- Less Than 1.0 mg/cm² → **LBP Not Present:** No Special Protection Necessary for Removal
- Greater Than 1.0 mg/cm² → **LBP Present:**

LBP Present:

- Use OSHA Regulation 1926.62 for Safe Worker Exposure Practices During Renovation
- Perform TCLP Testing of the Entire Waste Stream, as Described Under Demolition
- Sample Surface Soil Near the Building Exterior for Total Lead Content; Will be Considered Contaminated if Greater Than 400 mg/kg Total Lead

FIRE

Perform leachability testing as with Demolition

Decision Flowchart for Building Materials Inspection

APPENDIX B-3 • PCB LIGHT BALLASTS

(Only necesary for buildings constructed prior to July 1979)

NewFields

INSPECT

A. Identify the location, type, and number of fluorescent light fixtures
B. Visually inspect the ballasts for 25% of each type of fixture

EVALUATE RESULTS

If Labeled as Not Containing PCBs

If Unlabeled

If Labeled as Containing PCBs

NO

OPTION 1: Contact Manufacturer to Determine if Ballasts Contain PCBs

OPTION 2: Assume Ballasts Contain PCBs

YES, or Unknown

REQUIRED ACTION

Ballasts Do Not Contain PCBs. No Replacement or Special Waste Handling of Ballasts is Necessary

Ballasts Contain PCBs. Leaking Ballasts Must Be Replaced. Any Disposal of PCB-Containing Ballasts Must Be As Special Waste In Accordance with the Toxic Substances Control Act (TSCA)

BOREHOLE LOGS

Billings, Montana

APPENDIX C

NewFields

NewFields
1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/10/16 **COMPLETED** 10/6/15
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678562.325266 **NORTH:** 172071.86736
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8.6
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/10/2016
NOTES Sample collected at 4-5' and 8-10'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill	No odor, no staining
1.0			(ML) Inorganic clayey silt. Moist, medium stiff, light brown.	PID=0.2, no odor, no staining
2.5				
5.0	B-1 (4-5')		(ML) Inorganic clayey silt with sand and black staining. Poorly-graded coarse sand, Moist, medium stiff, light brown.	PID= 0.0, no odor, black staining from 4-5'
7.5			(ML) Inorganic clayey silt. Moist, medium stiff, light brown-grey.	PID= 0.7, no odor, no staining
8.0			(ML) Inorganic clayey silt. Very moist-wet soft, olive grey.	
9.0	B-1 (8-10')		(SM) Silty sand. Fine, wet, dense, light brown-olive grey	PID = 0.8, no odor, no staining
10.0				
12.5				
13.0			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel up to 1", ~50-50 gravel-sand mixture, loose, wet, dark brown-grey.	PID=0.1, no odor, no staining
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 11:02 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

NewFields

NewFields
1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/10/16 **COMPLETED** 2/10/16
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678598.155894
NORTH: 172023.256836
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8.1
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/10/2016
NOTES Sample collected at 3-5' and 5-8'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill	No odor, no staining
1.0			(SM) Silty sand. Fine, moist, dense, light brown	PID=0.2, no odor, no staining
2.5				
3.5	B-2 (3-5')		(SP) Poorly-graded sand with some silt. Fine, moist, medium dense, light brown.	
5.0				
5.0	B-2 (5-8')		(SP) Poorly-graded sand. Fine, very moist, medium dense, light brown.	PID=0.0, no odor, no staining
7.5				
8.0			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel up to 1", ~50-50 gravel-sand mixture, loose, wet, light brown.	PID=0.0, no odor, no staining
10.0				
12.5				
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 11:01 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

NewFields

NewFields
1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/10/16 **COMPLETED** 2/10/16
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678583.731557
NORTH: 172011.306479
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8.5
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/10/2016
NOTES Sample collected at 3-5' and 7-9'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill	No odor, no staining
0.5			Gravel Fill with bentonite	PID=0.1, no odor, no staining
2.5				
3.0	B-3 (3-5')		(SM) Silty sand. Fine, moist, medium dense, light brown	PID=0.0, no odor, no staining
4.0			(SP) Poorly-graded sand. Fine, moist, medium dense, light brown.	
5.0			(MH) Inorganic clayey silt. High plasticity, moist, medium stiff, light brown.	PID=0.0, no odor, no staining
7.5	B-3 (7-9')			
9.0			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel up to 1", ~50-50 gravel-sand mixture, loose, wet, light brown.	PID=0.0, no odor, no staining
10.0				
12.5				
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 11:01 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

NewFields

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1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/9/16 **COMPLETED** 2/9/16
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678591.804686 **NORTH:** 171984.276999
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8.7
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/9/2016
NOTES Sample collected at 3-5' and 7-9'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill (0.0–0.5)	No odor, no staining
2.5			(ML) Inorganic clayey silt with sand and slight black staining. Fine sand, moist, medium stiff, light brown. (0.5–4.0)	PID = 0.0, no odor, slight black staining
5.0	B-4 (3-5')		(SP) Poorly-graded sand. Fine, moist, medium dense, light brown. (4.0–5.0)	PID = 0.0, no odor, no staining
			(SM) Silty sand. Fine, moist, medium dense, light brown (5.0–6.0)	PID = 0.0, no odor, no staining
7.5	B-4 (7-9')		(SP) Poorly-graded sand. Fine, very moist, medium dense, light brown. (6.0–8.0)	
10.0			(SW) Well-graded sand with gravel. Well-graded gravel up to 1", fine to coarse, wet, medium dense, light brown (8.0–10.0)	
12.5			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel up to 1", ~50-50 gravel-sand mixture, loose, wet, light brown. (10.0–15.0)	PID = 0.0, no odor, no staining
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 11:00 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

NewFields

NewFields
1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/9/16 **COMPLETED** 2/9/16
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678609.800136
NORTH: 171951.445003
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 7.7
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/9/2016
NOTES Sample collected at 2-5' and 7-10'. Refusal at 14.5'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill (0.0–0.5)	No odor, no staining
	B-5 (2-5')		(ML) Inorganic clayey silt with sand. Fine sand, moist, medium stiff, light brown. (0.5–5.0)	PID = 0.2, no odor, no staining
5.0	B-5 (7-10')		(SW) Well-graded sand with gravel. Well-graded gravel up to 1", fine to medium, moist to wet at 9.5ft, medium dense, light brown. (5.0–13.0)	PID = 0.1, no odor, no staining
13.0			(SW) Well-graded sand with gravel. Well-graded gravel up to 1", fine to medium, wet, dense, light brown. (13.0–14.5)	PID = 0.0, no odor, no staining
14.5			Bottom of borehole at 14.5 feet.	

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 11:04 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

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1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/9/16 **COMPLETED** 2/9/16
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678619.149236
NORTH: 171925.45448
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 9.3
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/9/2016
NOTES Sample collected at 2-5' and 7-10'. Refusal at 15'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill (0.0–0.5)	No odor, no staining
			(SW) Well-graded sand with gravel. Well-graded gravel up to 1", fine to coarse, dry, medium dense, light brown (0.5–2.0)	PID= 0.1, no odor, no staining
2.5	B-6 (2-5')		(SM) Silty sand with black staining in bands. Fine to medium, moist, medium dense, light brown (2.0–5.0)	PID = 0.1, no odor, black staining in bands from 2-5'
5.0			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel up to 1", ~50-50 gravel-sand mixture, loose, very moist to wet at 9ft, dark brown. (5.0–13.0)	PID = 0.0, no odor, no staining
7.5	B-6 (7-10')			
10.0				
12.5				
			(SW) Well-graded sand with gravel. Well-graded gravel up to 1", fine to medium, wet, medium dense, light brown (13.0–15.0)	PID = 0.1, no odor, no staining
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 11:05 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

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Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/9/16 **COMPLETED** 2/9/16
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678642.567014 **NORTH:** 171889.270838
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8.7
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/9/2016
NOTES Sample collected at 0-5' and 5-10'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0				
		0.5	Gravel Fill	No odor, no staining
2.5	B-7 (0-5')	3.0	(SW) Well-graded sand with gravel. Well-graded gravel up to 0.75", fine to coarse, dry, medium dense, light brown	PID = 0.0, no odor, no staining
5.0		5.0	(SM) Silty sand. Fine, slightly moist, medium dense, light brown	
7.5	B-7 (7-9')	8.0	(SP) Poorly-graded sand. Fine, moist, medium dense, light brown.	PID = 0.0, no odor, no staining
10.0			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel, ~50-50 gravel-sand mixture, loose, very moist to wet at 9ft, dark brown-grey.	PID = 0.0, no odor, no staining
12.5				
15.0		15.0		

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 10:54 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

NewFields

NewFields
1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/10/16 **COMPLETED** 2/10/16
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678618.00586 **NORTH:** 172050.317138
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8.9
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/10/2016
NOTES Sample collected at 1-5' and 7-9'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill (0.0–0.5)	No odor, no staining
	B-8 (1-5')		(ML) Inorganic clayey silt with sand. Fine sand, moist, stiff, light brown. (0.5–5.0)	PID = 0.3, no odor, no staining
2.5				
5.0			(SP) Poorly-graded sand. Fine, very moist, medium dense, light brown. (5.0–7.0)	PID = 0.1, no odor, no staining
7.5	B-8 (7-9')		(SM) Silty sand. Fine, very moist, medium dense, light brown (7.0–9.0) ▼	
10.0			(GW) Well-graded gravel with sand, well-graded sand, sub-angular multicolored gravel up to 1.5", ~50-50 gravel-sand mixture, loose, wet, light brown. (9.0–15.0)	PID = 0.0, no odor, no staining
12.5				
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 10:56 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

NewFields

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1120 Cedar Sr
Missoula, MT

CLIENT Big Sky Economic Development
PROJECT NAME Frank Properties
PROJECT NUMBER 350.0181.000
PROJECT LOCATION Billings, Montana
DATE STARTED 2/9/16 **COMPLETED** 2/9/16
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Water Environmental Technologies
EAST: 678642.646987 **NORTH:** 172008.493717
DRILLING METHOD Direct-Push Continuous Core
DEPTH TO WATER (FT BGS) 8
LOGGED BY L. Spencer **CHECKED BY** T. Etzel
WATER LEVEL DATE: 2/9/2016
NOTES Sample collected at 2-5' and 7-10'

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	FIELD OBSERVATIONS
0.0			Gravel Fill	No odor, no staining
0.5			(SP) Poorly-graded sand. Fine, moist, medium dense, light brown.	PID = 0.0, no odor, no staining
2.0			(ML) Inorganic clayey silt with sand. Fine sand, very moist, stiff, light brown.	PID = 0.0, no odor, no staining
2.5	B-9 (2-5')			
5.0			(SW) Well-graded sand with gravel. Well-graded gravel up to 1.5", fine to medium, very moist to wet at 9ft, medium dense, light brown.	PID = 0.0, no odor, no staining
7.5	B-9 (7-10')			
10.0				
12.5				
15.0				

Bottom of borehole at 15.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 2/26/16 10:52 - Z:\PROJECTS\BROWNFIELDS\350.0181.000 BSEDA HAZ MATERIALS GRANT\03 GIS & GRAPHICS\GINT\DATABASE\FRANK PROPERTIES LOGS.GPJ

FIELD RECORDS

Billings, Montana

APPENDIX D

Frank Properties 350.0181

DEFYING MOTHER NATURE™

SINCE 1916

RECYCLABLE

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Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

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FIELD

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Phone 406 549 8270

Project Frank Properties
Big Sky Economic Development
350.0181

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CONTENTS

PAGE	REFERENCE	DATE

Frank Properties 2/8/16

Field Crew: L. Spencer

Objective: Check all borehole locations + utility locates

Weather: Sunny - 50°F

1500: LS arrive onsite + walk around to all boreholes.

Note: B-4 moved ~left north to avoid utility lines

1530: LS call T. Etzel to discuss borehole B-3. Location tight w/ building overhanging roof + right-of-way

1540: T. Etzel will talk to City of Billings to determine if we can drill in Right of Way.

1615: LS leave site + mob to Quality Inn hotel.

1630: LS arrive at hotel, unpack truck + prep for drilling activities

1730: DONE FOR DAY

Frank Properties 2/9/16

Field Crew: L. Spencer

Objective: Complete direct-push borings + groundwater sampling to evaluate potential impacts to site

Weather: Sunny, windy

0700: LS load truck + mob to gas station for ice.

0730: LS arrive onsite + speak with Western Ranch Supply site Manager. Talk about drilling activities.

0740: LS calibrate PID

Target	Reading
0.0 ppm	0.0 ppm
100.0 ppm	100.5 ppm

0800: LS meet with W. Warren + T. DeBoo to walk site + go over utility locates

0820: LS + T. DeBoo of WET go over HASP

0845: Begin drilling at B-7 water hit 9-10'

0920: Collect sample B-7(0-5) PID=0.0

0930: Collect sample B-7(5-10) PID=0.0

0940: Tag DTW = 8.75 ft

0955: Tag DTW = 7.3 ft

Rite in the Rain

Frank Properties 2/9/16

1007 LS: Begin purging -not cleaning up
1010: SAMPLE TIME B-7 -very turbid
* B-DUP COLLECTED HERE
1100: Begin drilling B-6 -water encountered ~9ft
1110: Sample B-6 (2-5) PID=0.1
1120: Sample B-6 (7-10) PID=0.0
1132: Tag DTW=9.3ft
1152: Tag DTW=7.8ft
1200: Begin purging B-6
1210: SAMPLE TIME B-6
1235: Begin drilling B-5
Large slab of concrete buried ~3ft bgs. Tried 4 holes in 5ft radius
Move borehole ~15ft to the (E) to attempt to get past slab.
1305 LS: Begin drilling B-5 at new location
1315: Sample time B-5 (2-5)
1325: Sample time B-5 (7-10)
1330: Tag DTW=7.7'
1335: Begin purging
1345: SAMPLE TIME B-5
1410: Begin drilling B-4
1430: SAMPLE TIME B-4 (3-5)
1440: SAMPLE TIME B-4 (7-9)
1450: Tag DTW=8.5ft

Frank Properties 2/9/16

1500: Begin purging B-4
1510: SAMPLE TIME B-4
1545: Begin drilling at B-9
1550: SAMPLE TIME B-9 (2-5) PID=0.0
1600: SAMPLE TIME B-9 (7-10) PID=0.0
1610: Tag DTW=8.1 ft bgs
1620 LS: Tag DTW=8.1 ft bgs
1622: Begin purging B-9
1635: SAMPLE TIME B-9
*NOTE - Decon performed on temp. screen, check ball, + shoe after each borehole. Decon done w/ alconox, Nitric acid 10%, Methanol 10%, + distilled H_2O *
1655: LS leave site + MOD to hotel
1715 LS: LS stop at gas station for ice
1740: COLLECT GW-RB -groundwater rinse blank collected off check ball.
1755: Unload coolers + prep for fieldwork tomorrow
1830 LS: DONE FOR DAY

Rite in the Rain

Frank Properties 2/10/16

Field Crew: L. Spencer

Objective: Finish drilling boreholes + collecting groundwater grab sample

Weather: Partly cloudy ~50°F

Decon: Distilled H_2O, alconox, 10% Nitric Acid, 10% Methanol, Distilled H_2O. Done on all reused sampling equipment after each use.

0645: LS load truck at hotel + MOO to site

0700: LS arrive on site + check in with Daryl of WRS

0730: LS meet T. DeBoo of WET

0745: COLLECT B-RB rinse blank off of ~~spo~~ tooling shoe

0800: Begin drilling B-1 blackstaining 4-6 ft ~~8-10~~ no odor no PID

0820: COLLECT B-1 (4-5) PID = 0.0

0835: COLLECT B-1 (8-10) PID = 0.8

0840: Tag DTW = 8.1 0850: Begin purging B-1

0900: COLLECT B-1 sample (gw)

0915: Call T. Etzel to discuss moving borehole B-3 out of right of way and behind 303 N. 3rd st building off NE corner

0935: Begin drilling B-8

Frank Properties 2/10/16

0940: collect soil sample B-8 (1-5)

0950: collect soil sample B-8 (7-9)

1000: Tag DTW = 8.9'

1005: Begin purging B-8

1015: Collect GW sample B-8

1035: Begin drilling B-2

1040: Speak w/ W. Warren from last call locating about moving B-3 to NE corner of 303 N 13th st building

1045: Collect soil sample B-2 (3-5)

1055: Collect soil sample B-2 (5-8)

1100: Tag DTW = 8.1 ft

1110: Begin purging B-2

1120: Collect GW sample B-2

1130: Verify w/ City that sewer doesn't connect to building in corner - unable to verify so borehole moved ~15 ft away from building

1145: Begin drilling B-3

1200: Collect soil sample B-3 (3-5)

1220: Collect soil sample B-3 (7-9)

1225: Tag DTW = 8.6'

1230: Begin purging B-3

1240: SAMPLE TIME B-3 (groundwater)

Rite in the Rain

Frank Properties 2/10/2016

1300: Begin collecting GPS locations + reference points

1400: LS leave site + MOD to gas station for ice.

1430: LS back at hotel to prepare samples/coolers for drop off

1635: LS MOD to Pace Analytical to drop off samples

1715: Back at hotel, done for day

Rite in the Rain

BMI REPORT

Billings, Montana

APPENDIX E

INSPECTION REPORT

ASBESTOS-CONTAINING MATERIALS,
LEAD-BASED PAINT,
PCB's and FLUORESCENT LIGHTS

Frank Properties
Store, Office and 3 Warehouses
Billings, Montana

Store and Office Buildings

Warehouse 1

Warehouse 2

Warehouse 3

REPORT

ASBESTOS-CONTAINING MATERIALS,
LEAD-BASED PAINT,
PCB's and FLUORESCENT LIGHTS

Frank Properties
Store, Office and 3 Warehouses
Billings, Montana

Prepared For:

NewFields, Inc.
Missoula, Montana

Prepared by:

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, Montana 59101

Project No. 1023-015

February 26, 2016

Inspected by: _____ **(MTA 1308 Exp. 1/7/2017)**
Kevin Oliver

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EXECUTIVE SUMMARY

Comprehensive asbestos, lead-based paint, PCB and fluorescent light tube surveys of the buildings known as the Frank Properties located generally at 303 13th Street North in Billings, Montana were performed by Northern Industrial Hygiene, Inc. (Northern) over a three day period starting on February 16, 2016. Five buildings were included in this inspection and included a Store Building, an Office Building and three warehouses. The roof finish materials for each were not included in this survey.

Warehouse 1

The building is a single story metal framed Quonset Hut type structure on a concrete slab. The building was constructed in 1957 and has approximately 1,584 *square* feet of interior space. Abatement of hazardous materials identified in this building is estimated at $26,644.

Asbestos Findings

A total of 7 building materials were identified in the facility. These 7 suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Five (5) of those materials were confirmed to contain asbestos. Those materials are:

M8.2	White caulk, joints of metal roofing,
M8.3	Black caulk, base of metal roof at ground,
S1.1	Ceiling surfacing (paint like material),
S1.2	Rough wall texture, and
S2.1	Ceiling/wall spray.

Some asbestos-containing materials observed were in good condition at the time of this survey however damaged ceiling/wall spray and ceiling surfacing were noted on the interior of the building. Debris was noted on countertops and on the floor of the building.

Lead-based Paint Findings

A total of seven (7) painted interior and exterior building components were identified. Lead paint was detected on one (1) of the painted building components. That component is:

L4 Garage door frame/upper trim.

The condition of the lead-based paint is generally in good, intact condition.

PCB Findings

Northern identified two (2) distinct fluorescent lighting fixture types. Both fixture types have T12 tubes. One fixture type contained ballasts that do not contain PCBs. The other fixture type had PCB containing ballasts present for a total of 3 ballasts. There are a total of 7 fluorescent tubes in the fixtures present.

Warehouse 2

The building is a one story structure of metal framing and wood stud wall construction on a concrete slab. The building was constructed in 1959 and has approximately 4,500 square feet of interior space. Exterior walls are finished with wood or metal. The roof is finished with a built-up roofing system. Abatement of hazardous materials identified in this building is estimated at $39,474.

Asbestos Findings

A total of 8 building materials were identified in the facility. One of the materials (built-up roofing) was assumed to contain asbestos. Upon closer examination one material, the paper -faced straw wallboard was deemed non-suspect. The remaining six (6) suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Three (3) of those materials were confirmed to contain asbestos. Those materials are:

M4.1 Transite wall panels,
M8.1 Caulk on metal wall panels, and
M8.2 Window caulk.

Lead-based Paint Findings

A total of 19 painted interior and exterior building components were identified. Lead paint was detected on one (1) of the painted building components. That component is:

L19 Metal roof trusses.

The condition of the lead-based paint is generally in good, intact condition.

PCB Findings

Northern identified one distinct fluorescent lighting fixture type, and only one fixture. This fixture type had T12 tubes and one non-PCB-containing ballast. There are a total of 2 fluorescent tubes in the fixture.

Warehouse 3

The building is a one story structure of concrete masonry unit (CMU) construction on a concrete slab. The building was constructed in 1963 and has approximately 12,500 square feet of interior space. The foundation is concrete. Exterior walls are finished with CMU or wood. The roof was not accessible for inspection. Abatement of hazardous materials identified in this building is estimated at $77,793.

Asbestos Findings

A total of 21 building materials were identified in the facility. One of the materials (built-up roofing) was assumed to contain asbestos. The remaining 20 suspect materials were

sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Eight (8) of those materials were confirmed to contain asbestos. Those materials are:

F2.1 12”x12” gray mottled floor and mastic (mastic assumed),
F3.1 9”x9” Off-white with brown streaks floor tile and mastic,
F6.1 Floor leveling compound,
M8.1 Door caulk (front entrance door),
M12.1 4” Vinyl covebase (vinyl ND, Mastic ACM)
M16.5 Vermiculite insulation,
M16.6 Concrete sealer, and
M16.8 Foil faced light reflector.

Lead-based Paint Findings

A total of 23 painted interior and exterior building components were identified. Lead paint was detected on one (1) of the painted building components. That component is:

L19 Parking bollard.

The condition of the lead-based paint is generally in good, intact condition.

PCB Findings

Northern identified five (5) distinct fluorescent lighting fixture types. Two fixture types have T8 tubes, while the other three types have T12 tubes. One fixture type contained ballasts that contain PCBs for a total of 2 ballasts. The other fixture types had non-PCB containing ballasts present. There are a total of 74 fluorescent tubes in the fixtures present.

Store Building

The store is a two level wood framed structure with metal framing and a pitched built-up asphalt finished roof. The building was constructed in 1959 and is approximately 4,000 square feet in size. The foundation is concrete. Abatement of hazardous materials identified in this building is estimated at $21,597.

Asbestos Findings

A total of 20 building materials were identified in the facility. Four (4) of the materials; built-up roofing, exterior siding felt, Transite panels and wood wall panel adhesive were assumed to contain asbestos to protect their structural integrity. The remaining 16 suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Two (2) of those materials were confirmed to contain asbestos. Those materials are:

M8.2 Exterior door and wall caulk, and
S1.1 Surfacing on metal columns.

Lead-based Paint Findings

A total of 11 painted interior and exterior building components were identified. Lead paint was not detected on any of the surfaces tested.

PCB Findings

Northern identified five (5) distinct fluorescent lighting fixture types. Both fixture types have T8 tubes and non-PCB containing ballasts. There are a total of 218 fluorescent tubes in the fixtures present.

Office Building

The office building is a single story slab on grade structure consisting of a metal Quonset Hut. The building was constructed in 1957 and is approximately 1,920 square feet in size. The interior of the building has been built out and is used for office space. Abatement of hazardous materials identified in this building is estimated at $39,081.

Asbestos Findings

A total of twelve (12) building materials were identified in the facility. One material, exterior siding felt, was assumed to contain asbestos. The remaining suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Three (3) of the materials were confirmed to contain asbestos. Those materials are:

M8.2 Metal roof caulking
S1.1 Exterior metal surfacing finish, and
S2.1 Fireproofing.

Lead-based Paint Findings

A total of 12 painted interior and exterior building components were identified. Lead paint was not detected on any of the surfaces tested.

PCB Findings

Northern identified two (2) distinct fluorescent lighting fixture types. All fixture types have T8 tubes and non-PCB containing ballasts. There are a total of 78 fluorescent tubes in the fixtures present.

1.0 INTRODUCTION

Northern performed a comprehensive asbestos, lead-based paint, PCB and fluorescent tube survey of buildings known as the Frank Properties located generally at 303 13th Street North in Billings, Montana.

The purpose of the asbestos survey was to identify friable and nonfriable suspect asbestos-containing building materials (ACBM).

The scope of the asbestos inspection included the following activities:

- Surveying, identifying, assessing the material's condition and sampling suspect friable and nonfriable ACBM; and

- Documenting locations of identified asbestos materials on drawings.

The intent of the lead-based paint survey was to assess the total lead content of paint in place at the facility and to provide recommendations for management of identified lead-based paint. The lead survey included the assessment of accessible, suspect painted building components on the interior and exterior of the facility. The purpose of this survey was not to identify all potentially lead-containing articles at the site but to focus on lead-based paint.

The scope of the lead-based paint inspection included the following activities:

- Performing a lead-based paint survey of all painted building components at the facility utilizing an X-ray fluorescence (XRF) meter;

- Assessing the condition of each painted building component.

The intent of the PCB and fluorescent light tube survey was to identify the presence, locations and quantities of PCB-containing electrical items and the quantity of fluorescent light tubes in these fixtures so that these items can be properly managed.

At the completion of the inspections, prepare this comprehensive report documenting the sampling procedures and results of the asbestos, lead-based paint, PCB and fluorescent light tube surveys and provide recommendations for management of identified asbestos, lead painted materials, PCB containing equipment and fluorescent light tubes. A detailed abatement cost estimate was also prepared.

Asbestos Overview

Asbestos is a trade name for a group of fibrous naturally occurring minerals that were used widely in building materials because of its ability to bind, resist chemicals, insulate, and fireproof. Exposure to elevated levels of asbestos fibers has been documented to cause a variety of diseases including asbestosis and cancer. Consequently, the application, removal, and disposal of asbestos-containing materials are regulated by several agencies.

Asbestos in most building materials poses little threat to human health as long as the asbestos fibers are securely bound within the building material. However, as the materials deteriorate because of time or exposure, or are disturbed because of human or other activities, the potential increases for the fibers to become airborne. When this occurs, the risk to human health increases significantly when the fibers are inhaled.

One definition for asbestos-containing building materials (ACBM), found in Environmental Protection Agency (EPA) regulations, (40 CFR, Part 763 - Asbestos Model Accreditation Plan and Section 202, Toxic Substance Control Act) is as follows:

- Friable asbestos-containing material containing more than one percent asbestos, which has been applied on ceilings, walls, structural members, piping, duct work, or any other part of a building, which when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. The term includes non-friable asbestos-containing materials after it becomes damaged, by any means, such that when dry, it may be crumbled, pulverized, or reduced to powder by hand-pressure. This definition also includes flooring materials.

Another definition, found in Occupational Safety and Health Administration (OSHA) regulations, (29 CFR Parts 1910 and 1926) is slightly different as follows:

- Asbestos-containing materials are defined as being any material that contains more than one percent asbestos and also defines certain high-risk materials, which are presumed to contain asbestos, as Presumed Asbestos-containing Materials (PACM). The PACM designation applies to thermal system insulation, sprayed on or troweled on surfacing material and debris where such material is present. The PACM terminology was added to ensure compliance with the hazard communication provisions of the laws and specifically for buildings constructed prior to 1980.

Lead-Based Paint Overview

Lead is found in the paint on the inside and outside of many buildings. Most buildings constructed prior to World War II had lead-based paint applied to the interior or exterior surfaces. Some paints introduced up until 1977 contained some level of lead. Regulations enforced by the Consumer Product Safety Commission banned the use of all but small amounts of lead in paints in 1978. However, manufacturers are still allowed to produce paints containing up to 600 parts per million lead.

Lead-based paint is a concern as a source of direct exposure to lead through ingestion of paint chips and as a contributor to lead in interior dust and exterior soil. Regulatory agencies that have addressed lead-based paint include: the Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), Department of Health and Urban Development (HUD), and the Consumer Product Safety Commission (CPSC). A review of these regulations is presented in Appendix C.

If the paint which contains lead is in poor or damaged condition, persons working or living in the area can be exposed to small paint chips or lead-containing dust. Exposure can also result from construction, demolition, repair and refinish (sanding) operations or from the torch cutting or burning of painted materials.

Exposure to the lead can also occur as a result of hobbies or sports. Individuals who work with lead while making stained glass or while melting lead to make sinkers or bullets, or individuals who reload ammunition are all exposed to varying levels of lead.

Fluorescent Light Fixtures, Tubes and PCB Ballasts

Fluorescent light fixtures and ballasts may contain one or more materials known to be hazardous to human health. Certain types of ballasts contain a chemical known as Polychlorinated Biphenyl or PCB. PCBs are known carcinogens and have been proven to have other harmful effects on the human body. Fluorescent light tubes contain a very small quantity of mercury. This chemical also has been proven to be harmful to human health.

The newer fixtures utilizing T-8 tubes and electronic ballasts are PCB free. Older fixtures with T-12 or other types of tubes may have PCB-containing ballasts. A physical verification of each ballast type is necessary to determine the PCB status of the ballast. Regardless of whether or not a fixture's ballast contains PCBs, the tubes in the fixtures contain varying degrees of mercury in the fluorescent coating on the inside of the glass surface.

Any activities that have the possibility of damaging or breaking either the ballasts or fluorescent tubes can potentially release these harmful chemicals into the environment. Ballasts can also develop leaks where PCB contamination can occur. The Environmental Protection Agency, as well as various state and local government agencies, has very strict regulations regarding the handling and disposal of both ballasts and fluorescent light tubes.

2.0 INSPECTION PROCEDURES

Asbestos

The asbestos survey was performed using the applicable portions of the currently recognized standard protocol developed for schools under AHERA, as promulgated in Title 40, Code of Federal Regulations (40 CFR), Part 763 and as amended in the Federal Register. Since the primary concern for this investigation was to identify potential asbestos hazards in the entire building, Northern representatives visually inspected existing conditions considering each construction, addition, or renovation dates as separate, unique buildings.

Asbestos Inspection and Sampling

The inspection was conducted by our accredited inspectors, and consisted of a detailed visual survey of surfacing materials, thermal system insulation, and miscellaneous materials throughout the buildings. Suspect ACBM was then grouped into homogeneous materials and sampling plans were developed. Components of the inspection included:

- Identification of homogeneous suspect materials on a room-by-room basis. Areas from which samples were to be obtained were also identified during this task.

- Collection and analysis of bulk samples to confirm whether or not the suspect materials contain asbestos.

- An assessment of known or assumed ACBMs, generally classifying the materials using categories defined in the National Emission Standards of Hazardous Air Pollutants (NESHAP) regulations.

- Homogeneous suspect ACBMs were, for the purposes of this study and as outlined in the AHERA sampling protocol, placed into the following material type categories: thermal system insulation (TSI), surfacing materials and miscellaneous. AHERA sampling protocol specifies sampling procedures for each material type.

Sample locations for this survey were chosen in a non-random fashion, with emphasis placed on obtaining samples of each type of accessible, suspect material and minimizing damage to the material being sampled. Samples were collected by carefully removing small portions of the suspect material in a non-abrasive manner. When possible, samples from existing damaged areas or loose pieces of material were collected. Immediately after collection, samples were placed in pre-labeled plastic containers. Containers with samples were then placed in a large resealable plastic bag for transportation to the laboratory. Samples were obtained by using techniques such as wet slicing, wet boring or similar methods designed to limit contamination of the area during sampling. The sampled area was sealed using patching compounds, duct tape, or spray encapsulants as appropriate to the material being sampled.

Laboratory Analysis of Bulk Asbestos Samples

Bulk samples obtained during the inspection were assigned bulk sample numbers and entered on sample summary/chain-of-custody forms. The samples were transported to the laboratory by overnight courier under standard chain-of-custody procedures. The analysis was performed in accordance with EPA Method 600/R-93/116, which employs polarized light microscopic techniques with dispersion staining for identification of mineral forms of asbestos. The quantification of asbestos in the sample is intended to be an estimate only and the limit of detection for this method is approximately 1% by volume. Sample laboratory analysis results are presented in Table 1.

Lead-Based Paint

Testing of the painted surfaces was substantially performed by the primary recommended method for measuring the lead level in paint that is with a portable X-ray fluorescence instrument manufactured for paint analysis. Portable XRF instruments expose the painted surface to X-rays that causes lead to fluoresce with a characteristic frequency. The intensity of this fluorescence is measured by the instrument's detector and is then converted into a number that represents the amount of lead in the paint per unit area (milligrams per square centimeter). The XRF instrument has the capability to analyze the lead content of multiple layers of paint at the same time. Laboratory analysis of paint-chip samples is recommended for components that cannot be tested using XRF instruments or to confirm inconclusive XRF results. Northern uses the XRF instrument manufactured by NITON Corporation. The machine is calibrated prior to, following and periodically during each day's field-testing. All field data is stored electronically by the instrument for direct transfer to computer and is also recorded on field forms.

For labeling and definition purposes in this report, the term lead-based paint means paint or other surface coatings that contain lead equal to or greater than 1.0 mg/cm^2 as measured using an XRF. This definition is utilized by the Department of Housing and Urban Development (HUD) and does not specifically apply to exposure concerns under the Occupational Safety and Health Administration (OSHA). Because OSHA does not recognize a threshold of lead content in paint for personnel exposure concerns, the definition of lead-based paint in this report should be used only to discriminate paint with relatively high lead content from paint with relatively low lead content.

Fluorescent Light Fixtures, Tubes, and PCB Ballasts

All fluorescent light fixtures were inspected and inventoried by type and by construction date. A random sampling was conducted for each type of fixture. This process involved removing light fixture covers, noting the quantity of fluorescent tubes, and then removing tubes to inspect the ballast labeling for the presence of PCB's. Ballasts not specifically labeled or stamped "No PCBs" or a similar wording are assumed to contain PCBs.

Quality Assurance and Quality Control

Quality Assurance and quality control (QA/QC) measures adopted by Northern involved field and office components. Key parameters are summarized below:

Field QA/QC

- Review inspection forms for completeness;
- Check Homogeneous Materials Listing for sufficient number of collected samples;
- Verify locations of major mechanical components; and
- Perform field calibration of XRF prior to and following each usage.

Office QA/QC

- Review lab results for completeness;
- Ensure appropriate cross-referencing of results from forms for each given ACBM;
- Ensure drawings are updated as necessary following field QC;
- Verify approximate quantities of ACBM based on drawing review; and
- Review recorded field comments for meaning, incorporate as necessary into report.

3.0 FINDINGS

Survey results are presented in the following paragraphs. Additional information is found in the Report Tables, the Figures Section, and the Appendices, located at the end of this report.

The Report Tables are outlined below. The Figures section presents the asbestos sample location diagram, the asbestos-containing material location diagram, and the lead-based paint location diagram. Laboratory analysis reports are presented in Appendix A. Appendix B provides a summary of asbestos sample collection requirements and material category descriptions. Appendix C provides a summary of current lead-based paint regulations and Appendix D contains inspector certificates.

Table Set 1 presents a Summary of Materials Suspected to Contain Asbestos, Table Set 2 presents a Summary of Confirmed or Assumed Asbestos-Containing Materials, Table Set 3 presents a Summary of Identified Lead-Based Paint Homogeneous Areas and Screening Results, and Table Set 4 presents a Summary of XRF Instrument Readings. Table Set 5 presents a Summary of Fluorescent Light Fixtures. Table Set 6 presents an Abatement Cost Estimate of all asbestos containing building materials, lead-based paints and PCB containing light fixtures identified during the building inspection.

Building Summaries

Warehouse 1

The building is a single story metal framed Quonset Hut type structure on a concrete slab. The building was constructed in 1957 and has approximately 1,584 *square* feet of interior space.

Typical interior building material finishes for the facility include concrete finished floors; metal finished walls and metal finished ceilings. The building is not heated, nor is there any domestic water present. In addition, no building insulation was observed. The roof is metal.

Typical interior painted building components include metal walls and ceilings.

Painted exterior building components include the entrance door, garage doors, garage door trim and frame, exterior metal walls and the gutter.

Warehouse 2

The building is a one story structure of metal framing and wood stud wall construction on a concrete slab. The building was constructed in 1959 and has approximately 4,500 square feet of interior space. Exterior walls are finished with wood or metal. The roof is finished with a built-up roofing system.

Typical interior building material finishes for the facility include concrete finished floors; wood, gypsum board, Transite or straw finished walls; and a gypsum board finished ceiling (storage room only). The building is heated by hanging gas fired forced heaters.

No domestic water was present in the building. Building insulation, where present is fiberglass.

Typical interior painted building components include gypsum wallboard, wood door and casing, concrete floor, metal column, wood walls, wood window components and metal trusses.

Typical exterior painted building components include metal and wood siding, exterior wood window components, garage door, garage door frame and trim and metal doors and jambs.

Warehouse 3

The building is a one story structure of concrete masonry unit (CMU) construction on a concrete slab. The building was constructed in 1963 and has approximately 12,500 square feet of interior space. The foundation is concrete. Exterior walls are finished with CMU or wood. The roof was not accessible for inspection.

Typical interior building material finishes for the facility include concrete, wood, 9" vinyl or 12" vinyl tile finished floors; wood, gypsum board, CMU, wood paneling or brick finished walls; and a gypsum board, concrete or 2'x4' lay-in panel finished ceilings. The building is heated by hanging gas fired forced heaters in the warehouse and a gas fired forced air furnace in the office/sales area of the building. Domestic piping was not insulated. Building insulation, where present is fiberglass (above ceilings in the sales area) and Vermiculite in exterior CMU walls.

Typical interior painted building components include gypsum wallboard, wood walls, pegboard, CMU walls, hand rails concrete walls, wood ladder, ceiling tiles, shower stalls, and wood window frames .

Typical exterior painted building components include garage doors (metal and wood), CMU walls, garage door trim, parking bollards, wood siding, wood door infill and wood door jambs.

Store Building

The store is a two level wood framed structure with metal framing and a pitched built-up asphalt finished roof. The building was constructed in 1959 and is approximately 4,000 square feet in size. The foundation is concrete.

Typical interior finishes include vinyl sheet, carpet, concrete or 12" vinyl tile finished floors; gypsum board finished walls and 1'x1' tile, gypsum board or 2'x4' lay-in panel finished ceilings. Some walls are further finished with wood paneling. 4" vinyl covebase is also present on some lower walls. Metal support columns are finished with a surfacing product. The building is heated by a gas fired forced air furnace. Domestic piping is not insulated. The building is insulted with fiberglass.

Typical interior painted building components include gypsum board walls and ceilings, concrete floors, metal columns, wood pegboard, wood walls and ceiling (tiles and plywood), wood baseboard, shelving and stair hand rails.

Typical exterior painted building components include metal exterior siding.

Office Building

The office building is a single story slab on grade structure consisting of a metal Quonset Hut. The building was constructed in 1957 and is approximately 1,920 square feet in size. The interior of the building has been built out and is used for office space.

Typical interior finishes in the office space include carpet, ceramic tile or concrete finished floors; gypsum board, ceramic tile or wood panel finished walls; and metal, or 2'x4' lay-in panel finished ceilings. The original interior surface of the metal building was sprayed with a fireproofing material on approximately 1/3 of the building (eastern portion). The exterior of the building was finished with a rough texture on the walls and roof. The building is insulated with fiberglass and heated by a natural gas fired forced air furnace. Domestic water piping is not insulated.

Asbestos Findings

Warehouse 1

A total of 7 building materials were identified in the facility. These 7 suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Five (5) of those materials were confirmed to contain asbestos. Those materials are:

M8.2 White caulk, joints of metal roofing,
M8.3 Black caulk, base of metal roof at ground,
S1.1 Ceiling surfacing (paint like material),
S1.2 Rough wall texture, and
S2.1 Ceiling/wall spray.

Some asbestos-containing materials observed were in good condition at the time of this survey however damaged ceiling/wall spray and ceiling surfacing were noted on the interior of the building. Debris was noted on countertops and on the floor of the building.

Warehouse 2

A total of 8 building materials were identified in the facility. One of the materials (built-up roofing) was assumed to contain asbestos. Upon closer examination one material, the paper -faced straw wallboard was deemed non-suspect. The remaining six (6) suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Three (3) of those materials were confirmed to contain asbestos. Those materials are:

M4.1 Transite wall panels,
M8.1 Caulk on metal wall panels, and
M8.2 Window caulk.

Warehouse 3

A total of 21 building materials were identified in the facility. One of the materials (built-up roofing) was assumed to contain asbestos. The remaining 20 suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Eight (8) of those materials were confirmed to contain asbestos. Those materials are:

F2.1 12”x12” gray mottled floor and mastic (mastic assumed),
F3.1 9”x9” Off-white with brown streaks floor tile and mastic,
F6.1 Floor leveling compound,
M8.1 Door caulk (front entrance door),
M12.1 4” Vinyl covebase (vinyl ND, Mastic ACM)
M16.5 Vermiculite insulation,
M16.6 Concrete sealer, and
M16.8 Foil faced light reflector.

Store

A total of 20 building materials were identified in the facility. Four (4) of the materials; built-up roofing, exterior siding felt, Transite panels and wood wall panel adhesive were assumed to contain asbestos to protect their structural integrity. The remaining 16 suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Two (2) of those materials were confirmed to contain asbestos. Those materials are:

M8.2 Exterior door and wall caulk, and
S1.1 Surfacing on metal columns.

Office

A total of twelve (12) building materials were identified in the facility. One material, exterior siding felt, was assumed to contain asbestos. The remaining suspect materials were sampled following sample collection requirements outlined under AHERA and State of Montana regulations. Three (3) of the materials were confirmed to contain asbestos. Those materials are:

M8.2 Metal roof caulking
S1.1 Exterior metal surfacing finish, and
S2.1 Fireproofing.

Refer to Table Sets 1 and 2 and the drawings for more information.

Lead-Based Paint Findings

This inspection focused on identifying general painted building components on the interior and exterior of the buildings and performing testing of these components in various locations throughout the buildings.

Warehouse 1

A total of seven (7) painted interior and exterior building components were identified.

Lead paint was detected on one (1) of the painted building components. That component is:

L4 Garage door frame/upper trim.

The condition of the lead-based paint is generally in good, intact condition.

Warehouse 2

A total of 19 painted interior and exterior building components were identified. Lead paint was detected on one (1) of the painted building components. That component is:

L19 Metal roof trusses.

The condition of the lead-based paint is generally in good, intact condition.

Warehouse 3

A total of 23 painted interior and exterior building components were identified. Lead paint was detected on one (1) of the painted building components. That component is:

L19 Parking bollard.

The condition of the lead-based paint is generally in good, intact condition.

Store

A total of 11 painted interior and exterior building components were identified. Lead paint was not detected on any of the surfaces tested.

Office

A total of 12 painted interior and exterior building components were identified. Lead paint was not detected on any of the surfaces tested.

Reference Table Sets 3 and 4 for a description of identified painted building components and XRF test results, including condition of the lead-based paint.

PCB and Fluorescent Tube Findings

Warehouse 1

Northern identified two (2) distinct fluorescent lighting fixture types. Both fixture types have T12 tubes. One fixture type contained ballasts that do not contain PCBs. The other fixture type had PCB containing ballasts present for a total of 3 ballasts. There are a total of 7 fluorescent tubes in the fixtures present.

Warehouse 2

Northern identified one distinct fluorescent lighting fixture type, and only one fixture.

This fixture type had T12 tubes and one non-PCB-containing ballast. There are a total of 2 fluorescent tubes in the fixture.

Warehouse 3

Northern identified five (5) distinct fluorescent lighting fixture types. Two fixture types have T8 tubes, while the other three types have T12 tubes. One fixture type contained ballasts that contain PCBs for a total of 2 ballasts. The other fixture types had non-PCB containing ballasts present. There are a total of 74 fluorescent tubes in the fixtures present.

Store

Northern identified five (5) distinct fluorescent lighting fixture types. Both fixture types have T8 tubes and non-PCB containing ballasts. There are a total of 218 fluorescent tubes in the fixtures present.

Office

Northern identified two (2) distinct fluorescent lighting fixture types. All fixture types have T8 tubes and non-PCB containing ballasts. There are a total of 78 fluorescent tubes in the fixtures present.

Reference Table Set 5 for a listing of all fixture types identified, the number of ballasts and tubes per fixture, and the total number of assumed or confirmed PCB-containing ballasts and the total number of fluorescent tubes at the site.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Asbestos

Warehouse 1

Four building materials were confirmed to be “asbestos-containing materials”. Three building materials are considered “non-friable” and include caulk on metal roofing, caulk at the base of the metal roofing at the ground level, and rough wall texture. Two materials, ceiling surfacing and ceiling/wall spray are considered “friable” and therefore are considered to be regulated asbestos-containing materials (RACM).

Some asbestos-containing materials observed were in good condition at the time of this survey however damaged ceiling/wall spray and ceiling surfacing were noted on the interior of the building. Debris was noted on countertops and on the floor of the building.

Warehouse 2

Three building materials were confirmed to be asbestos-containing materials. One material, built-up roofing was assumed to contain asbestos. The three asbestos-containing materials are considered “non-friable” and are generally in good condition, with some damage to the metal wall panel caulk noted.

Warehouse 3

Eight building materials were confirmed to be asbestos-containing materials. One material, built-up roofing was assumed to contain asbestos. Six of the asbestos-containing materials are considered “non-friable” and are generally in good condition, with some damage to the12” floor tile and underlying leveling compound noted. Two materials, vermiculite insulation and light reflector are considered “friable” and therefore are considered to be regulated asbestos-containing materials (RACM).

Store

Two building materials were confirmed to be asbestos-containing materials. Four materials, built-up roofing, felt, wood panel adhesive and Transite panels were assumed to contain asbestos. The confirmed and assumed asbestos-containing materials are considered “non-friable” and are generally in good condition.

Office

Three building materials were confirmed to be asbestos-containing materials and one was assumed to contain asbestos. Three of the asbestos-containing materials are considered “non-friable” and are generally in good condition. One material, the fireproofing is considered “friable” and therefore is considered to be regulated asbestos-containing materials (RACM). Limited damage to the fireproofing was noted in the access tunnel located on the north side of the building.

Lead-Based Paint

Warehouse 1

Lead paint was identified on 1 of the painted building components; the garage door trim and frame. The condition of the lead-based paint is in good, intact condition.

Warehouse 2

Lead paint was identified on one of the interior painted building components; the metal roof trusses. The condition of the lead-based paint is in good, intact condition.

Warehouse 3

Lead paint was identified on one of the exterior painted building components; the parking bollards. The condition of the lead-based paint is in good, intact condition.

Store

Lead paint was not identified on any of the interior or exterior painted surfaces tested.

Office

Lead paint was not identified on any of the interior or exterior painted surfaces tested.

PCB and Fluorescent Tubes

Warehouse 1

Northern identified two (2) distinct fluorescent lighting fixture types. Both fixture types have T12 tubes. One fixture type contained ballasts that do not contain PCBs. The other fixture type had PCB containing ballasts present for a total of 3 ballasts. There are a total of 5 fluorescent tubes.

Warehouse 2

Northern identified one distinct fluorescent lighting fixture type, and only one fixture. This fixture type had T12 tubes and one non-PCB-containing ballast. There are a total of 2 fluorescent tubes in the fixture.

Warehouse 3

Northern identified five (5) distinct fluorescent lighting fixture types. Two fixture types have T8 tubes, while the other three types have T12 tubes. One fixture type contained ballasts that contain PCBs for a total of 2 ballasts. The other fixture types had non-PCB containing ballasts present. There are a total of 74 fluorescent tubes in the fixtures present.

Store

Northern identified two (2) distinct fluorescent lighting fixture types. Both fixture types have T8 tubes and non-PCB containing ballasts. There are a total of 78 fluorescent tubes in the fixtures present.

Office

Northern identified five (5) distinct fluorescent lighting fixture types. All fixture types have T8 tubes and non-PCB containing ballasts. There are a total of 218 fluorescent tubes in the fixtures present.

Recommendations

Asbestos

Northern recommends that Warehouse 1 be taken out of service (restrict access to all) until the asbestos contamination has been removed and the area cleared by a third party testing firm.

Northern recommends that if in the future plans call for renovation or demolition of the buildings that an additional site visit be performed to further refine the asbestos inspection. This would include disassembly of equipment (only if safe to perform) and minor demolition of wall/ceilings to visually inspect areas that were not available for inspection during the initial inspection.

Planning should begin to prepare suitable asbestos abatement design documents that will coordinate the removal of identified asbestos-containing materials with other planned construction activities (if any). Northern recommends that all confirmed asbestos-containing materials that will be impacted by any renovation or demolition plans be removed by an accredited asbestos abatement contractor prior to the start of any work that will impact them. Finally Northern recommends that an accredited third party conduct final clearance visual and air testing inspection to determine if all asbestos-containing materials scheduled for removal have been successfully abated.

Lead-Based Paint

Exposure to lead dust or fumes can result from construction, demolition, repair and refinish (sanding) operations or from the torch cutting or burning of painted materials. The lead-based paint painted components identified on the interior of the building are in good condition.

If future renovation plans include the abatement of the paint from the underlying substrate, Northern recommends that all work be conducted by a contractor with proper EPA and OSHA training for renovation or remediation work. In addition representative samples of each waste streams of lead-based paint must be collected and submitted for toxicity characteristic leaching procedure (TCLP) testing to determine if the debris requires disposal as a hazardous waste.

If future renovation plans involve the complete removal of any of the lead-based paint painted components, Northern recommends that they be removed by OSHA trained personnel and disposed of as general construction waste.

PCB and Fluorescent Tube

The fluorescent light tubes must be recycled or reused if they will be removed or replaced during any renovation or demolition projects. All PCB-containing ballasts must be placed into impermeable containers and then picked up and removed from the site by an EPA certified hazardous waste hauler for recycling or incineration.

5.0 LIMITATIONS

This asbestos, lead-based paint and PCB assessment report was prepared based on information obtained during the survey, interpretation of the laboratory results of bulk samples of building materials collected during the survey and interpretation of XRF instrument readings obtained in the field. The conclusions of this report are professional opinions based solely upon visual site observations and interpretations of laboratory analyses and field data as described in our report.

This report has been prepared to provide information concerning the various types and estimated quantities of asbestos-containing materials and lead-based paint which may be present at this site. It includes only those materials that were visible and accessible at the time of our inspection. We did not remove any permanent building enclosures or disassemble any equipment to determine if any asbestos-containing materials were present. No samples were collected if the mechanical integrity of the material would be compromised. As a result, additional asbestos-containing materials may be present in inaccessible areas (e.g., between walls, beneath floors, etc.) of the buildings. Permanent building enclosures were not opened or disassembled for inspection and additional asbestos-containing materials may also be present in these areas.

In addition, the common practice of routinely repainting both the interiors and exteriors of buildings may conceal older, potentially lead-based paint, under the newer coatings.

This inspection and report is intended to identify and assess asbestos-containing materials and lead-based paint. It is not intended to be used for purposes of obtaining bids for removal from abatement contractors.

Our opinions are intended exclusively for use by NewFields. The scope of services performed by Northern may not be appropriate to satisfy the needs of other users, and any use or re-use of this document, or the findings presented herein, is at the sole risk of the user.

The opinions presented herein apply to the site conditions existing at the time of our investigation. Therefore, our opinions and recommendations may not apply to future conditions that may exist at the site that we have not had the opportunity to evaluate.

6.0 REFERENCES

Environmental Protection Agency (EPA)
National Emission Standard for Hazardous Air Pollutants, 40 CFR 61 Subpart M.

Environmental Protection Agency (EPA)
Asbestos Hazard Emergency Response Act (AHERA), 40 CFR 763.

Occupational Safety and Health Administration (OSHA)
Construction Industry Standard (1994), 29 CFR 1926.1101.

State of Montana Asbestos Regulations
Administrative Rules of Montana, Title 17, Chapter 74, Subchapter 3.

U.S. Department of Housing and Urban Development (HUD),
Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, June 1995

Occupational Safety & Health Administration (OSHA),
Lead Exposure in Construction; Interim Final Rule, 29 CFR Part 1926.62 (May 4, 1993).

TABLES

Table Set 1 - Summary of Materials Suspected to Contain Asbestos

Table Set 2 - Summary of Confirmed Asbestos-Containing Materials

Table Set 3 - Identified Lead-Based Paint Homogeneous Areas and Screening Results

Table Set 4 - Summary of XRF Instrument Readings

Table Set 5 - Summary of Fluorescent Light Fixtures

Table Set 6 - Preliminary Abatement Cost Estimates

TABLE 1A
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS AND LABORATORY RESULTS
Western Ranch Supply
Warehouse 1
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
M8.1	Entry Door Caulk	Around Entry Door	ND
M8.2	**White Caulk - Metal Joints**	**Exterior**	**5% Chrysotile**
M8.3	**Black Caulk - Base of Wall**	**Exterior**	**8% Chrysotile**
M16.1	Concrete Slab	Floor	ND
S1.1	**Ceiling Surfacing**	**Interior**	**4% Chrysotile**
S1.2	**Rough Wall Texture**	**Interior**	**2% Chrysotile**
S2.1	**Ceiling/Wall Spray**	**Interior**	**12% Chrysotile**

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 1B
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS AND LABORATORY RESULTS
Western Ranch Supply
Warehouse 2
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
M3.1	Gypsum Board Assembly	Storage Room	All Layers ND
M1.1	**Asphalt Rolled Roofing (assumed asbestos-containing)**	**Roof**	**NS - Assumed ACM**
M4.1	**Transite Wall Panel**	**Warehouse**	**20% Chrysotile**
M8.1	**Metal Wall Caulk**	**Exterior Metal Walls**	**4% Chrysotile**
M8.2	**Window Caulk**	**Exterior**	**5% Chrysotile**
M16.1	Concrete	Floor Slab	ND
M16.2	Paper-faced Straw Board (not suspect)	Warehouse	NS
T10.1	Fiberglass Insulation	Warehouse	All Layers ND

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 1C
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS
AND LABORATORY RESULTS
Western Ranch Supply
Warehouse 3
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
F2.1	**12"x12" Floor Tile - Gray Mottled with Yellow Adhesive (adhesive assumed asbestos-containing)**	**Room 103**	**Tile 2% Chrysotile / Adhesive Assumed ACM**
F3.1	**9"x9" Floor Tile - Off-White w/Brown Streaks with Black Mastic**	**Rooms 103,104,105,106,107, 108**	**Tile 3% Chrysotile / Mastic 4% Chrysotile**
F6.1	**Floor Leveling Compound**	**Room 103**	**2% Tremolite**
M1.1	**Roof Finish Materials (assumed asbestos-containing)**	**Roof**	**NS - Assumed ACM**
M3.1	Gypsum Board Assembly	Rooms 103, 104	<1% Chrysotile
M5.1	2'x4' Ceiling Panel - Fissure and Pinhole	Room 103	All Layers ND
M5.2	2'x4' Ceiling Panel - Slice and Pinhole	Room 103	All Layers ND
M5.3	2'x4' Ceiling Panel - Cavity and Pinhole	Room 103	All Layers ND
M5.4	2'x4' Ceiling Panels - Worm and Pinhole	Room 103	All Layers ND
M8.1	**Door Caulk**	**Exterior Front Door**	**3% Chrysotile**
M12.1	**4" Cove Base - Brown with Brown Mastic**	**Rooms 103, 104, 105, 106, 107, 108 109**	**Cove Base ND / Mastic 1% Chrysotile & 2% Tremolite**

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 1C
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS AND LABORATORY RESULTS
Western Ranch Supply
Warehouse 3
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
M16.1	Concrete	Exterior Slab	All Layers ND
M16.2	Wood Panel Glue	Room 103	All Layers ND
M16.3	Concrete Wall Finish	Room 107	All Layers ND
M16.4	Concrete Block/Mortar	Exterior	All Layers ND
M16.5	**Vermiculite Insulation**	**Exterior CMU Walls**	**3% Tremolite**
M16.6	**Concrete Sealer**	**Exterior Front**	**5% Chrysotile**
M16.7	Brick/Mortar	Exterior Front	All Layers ND
M16.8	**Light Reflector**	**Rooms 107 and 108**	**25% Chrysotile**
T4.1	Vibration Joint Collar	Room 109	All Layers ND
T10.1	Fiberglass Insulation	Room 103	All Layers ND

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 1D
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS AND LABORATORY RESULTS
Western Ranch Supply
Office
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
F6.1	Brown Carpet w/Adhesive	Utility Room Door-103/Front Foor	All Layers ND
M3.1	Gypsum Board System	Utility Room Door-103/N. Wall-102/S. Wall 102	All Layers ND
M5.1	2'x4' Lay In Ceiling Panels - Punch & Pinhole	Room 102	ND
M5.2	2'x4' Lay In Ceiling Panels - Fissures & Pinholes	Room 102	ND
M8.1	Exterior Window Caulk	South Window	ND
M8.2	**Metal Roof Caulking**	**Roof**	**3% Chrysotile**
M8.3	Door Caulking	Around Door Frame	ND
M16.1	Fiberglass Insulation	Attic Area	ND
M16.2	Concrete	Foundation	ND
M16.3	**Siding Felt-assumed**	**Exterior-West Side**	**NS-Assumed**
S1.1	**Exterior Metal Surfacing Finish**	**Exterior**	**3% Chrysotile**
S2.1	**Fireproofing**	**Rooms 107 and 108 and Attic**	**7% Chrysotile**

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 1E
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS AND LABORATORY RESULTS
Western Ranch Supply Store
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
F1.1	Vinyl Sheet Flooring - Tan	Room 201 Under F6.1	All Layers ND
F6.1	Carpet - Gray	Room 201	All Layers ND
F6.2	Carpet - Brown	Room 202	All Layers ND
M1.1	**Roofing (assumed asbestos-containing material)**	**Roof**	**NS - Assumed ACM**
M2.1	**Exterior Siding Felt (assumed asbestos-containing material)**	**Exterior Wall/Canopy West**	**NS - Assumed ACM**
M3.1	Gypsum Board	Throughout	All Layers ND
M4.1	**Transite Panels (assumed asbestos-containing material)**	**Exterior Soffit**	**NS - Assumed ACM**
M5.1	2'x4' Lay In Ceiling Panel - Pinhole & Fissure	Room 101	All Layers ND
M5.2	2'x4' Lay In Ceiling Panel - Crater & Pinholes	Room 102 East/Ladies Room 103/ Men's Room 104	All Layers ND
M6.1	12"x12" Ceiling Tile - Random Pinholes & Fissures	Room 201 - East	All Layers ND
M6.2	12"x12" Ceiling Tile - Random pinholes & Large Fissures	Room 201 East & Southeast	All Layers ND
M8.1	Window Glazing Compound	West Window in Room 101	All Layers ND
M8.2	**Exterior Door & Window Caulk - White/Gray**	**Exterior - West Side**	**2% Chrysotile**
M12.1	4" Vinyl Cove Base w/Baseboard - Brown	Various Locations	All Layers ND

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 1E
SUMMARY OF MATERIALS SUSPECTED TO CONTAIN ASBESTOS AND LABORATORY RESULTS
Western Ranch Supply Store
Billings, Montana

Material Number	Material Description	Material Locations	Laboratory Results
M16.1	**Adhesive behind Wood Paneling (assumed asbestos-containing)**	**Second Floor**	**NS - Assumed ACM**
M16.2	Foil Faced Fiberglass Insulation	Throughout	All Layers ND
M16.3	Concrete	Foundation/Slab	All Layers ND
M16.4	Fire Caulk - White/Black	Room 105	All Layers ND
M16.5	Mortar From Rock Face of Building	Exterior West Side	All Layers ND
S1.1	**Surfacing on Metal Columns**	**Room 101**	**2% Chrysotile**

NS = Material Not Sampled

ND = No Asbestos Detected

Confirmed Asbestos-Containing Materials Shown in Bold Type

TABLE 2A
SUMMARY OF CONFIRMED ASBESTOS-CONTAINING MATERIALS AND RECOMMENDED RESPONSE ACTION
Western Ranch Supply
Warehouse 1
Billings, Montana

Material Number	Material Description	NESHAP Category	Recommended Response Action
M8.2	White Caulk - Metal Joints	II	Retain Accredited Asbestos Abatement Contractor to Remove Prior to Conducting Any Renovation or Demolition Work That Will Impact The Asbestos-Containing Materials
M8.3	Black Caulk - Base of Wall	II	
S1.1	Ceiling Surfacing	RACM	
S1.2	Rough Wall Texture	II	
S2.1	Ceiling/Wall Spray	RACM	

Category I Nonfriable ACM such as packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II All nonfriable ACM, excluding Category I materials.

RACM Friable ACM; Category I material that has become friable; Category I material that will be subjected to sanding, grinding, cutting, or abrading; or Category II, material that has a high probability of becoming friable.

TABLE 2B
SUMMARY OF CONFIRMED OR ASSUMED ASBESTOS-CONTAINING MATERIALS AND RECOMMENDED RESPONSE ACTION
Western Ranch Supply
Warehouse 2
Billings, Montana

Material Number	Material Description	NESHAP Category	Recommended Response Action
M1.1	Asphalt Rolled Roofing - Assumed ACM	I	Retain Accredited Asbestos Abatement Contractor to Remove Confirmed Asbestos-Containing Materials Prior to Conducting Any Renovation or Demolition Work That Will Impact Them. Sample any Assumed Materials Prior to Impacting Them.
M4.1	Transite Wall Panel	II	
M8.1	Metal Wall Caulk	II	
M8.2	Window Caulk	II	

Category I	Nonfriable ACM such as packings, gaskets, resilient floor covering, and asphalt roofing products.
Category II	All nonfriable ACM, excluding Category I materials.
RACM	Friable ACM; Category I material that has become friable; Category I material that will be subjected to sanding, grinding, cutting, or abrading; or Category II, material that has a high probability of becoming friable.

TABLE 2C
SUMMARY OF CONFIRMED OR ASSUMED ASBESTOS-CONTAINING MATERIALS AND RECOMMENDED RESPONSE ACTION
Western Ranch Supply
Warehouse 3
Billings, Montana

Material Number	Material Description	NESHAP Category	Recommended Response Action
F2.1	12" x 12" Floor Tile - Gray Mottled with Assumed Yellow Adhesive	I	Retain Accredited Asbestos Abatement Contractor to Remove any Confirmed Asbestos-Conaining Materials Prior to Conducting Any Renovation or Demolition Work That Will Impact Them. Sample any Assumed Materials Prior to Impacting Them.
F3.1	9" x 9" Floor Tile - Off-white with Brown Streaks and Black Mastic	I	
F6.1	Floor Leveling Compound	II	
M1.1	Roof Finish Materials (assumed ACM)	I	
M8.1	Door Caulk	I	
M12.1	4" Vinyl Cove Base (ND) with ACM Mastic	I	
M16.5	Vermiculite Insulation	RACM	
M16.6	Concrete Sealer	II	
M16.8	Reflective Light Backing Material	RACM	

Category I	Nonfriable ACM such as packings, gaskets, resilient floor covering, and asphalt roofing products.
Category II	All nonfriable ACM, excluding Category I materials.
RACM	Friable ACM; Category I material that has become friable; Category I material that will be subjected to sanding, grinding cutting, or abrading; or Category II, material that has a high probility of becoming friable. that has a high probability of becoming friable.

TABLE 2D
SUMMARY OF CONFIRMED OR ASSUMED ASBESTOS-CONTAINING MATERIALS AND RECOMMENDED RESPONSE ACTION
Western Ranch Supply
Office
Billings, Montana

Material Number	Material Description	NESHAP Category	Recommended Response Action
M8.2	Metal Roof Caulking	II	Retain Accredited Asbestos Abatement Contractor to Remove Confirmed Asbestos-Containing Materials Prior to Conducting Any Renovation or Demolition Work That Will Impact Them. Sample any Assumed Materials Prior to Impacting Them.
M16.3	Siding Felt-Assumed	II	
S1.1	Exterior Metal Surfacing Finish	II	
S2.1	Fireproofing	RACM	

Category I Nonfriable ACM such as packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II All nonfriable ACM, excluding Category I materials.

RACM Friable ACM; Category I material that has become friable; Category I material that will be subjected to sanding, grinding, cutting, or abrading; or Category II, material that has a high probability of becoming friable.

TABLE 2E
SUMMARY OF CONFIRMED OR ASSUMED ASBESTOS-CONTAINING MATERIALS AND RECOMMENDED RESPONSE ACTION
Western Ranch Supply Store
Billings, Montana

Material Number	Material Description	NESHAP Category	Recommended Response Action
M1.1	Roofing	I	Retain Accredited Asbestos Abatement Contractor to Remove Confirmed Asbestos-Containing Materials Prior to Conducting Any Renovation or Demolition Work That Will Impact Them. Collect Samples of All Assumed Materials before Impacting Them.
M2.1	Exterior Siding Felt - Assumed ACM	I	
M4.1	Transite Panels - Assumed ACM	II	
M8.2	Exterior Door and Window Caulk	I	
M16.1	Adhesive Behind Wood Paneling - Assumed ACM	I	
S1.1	Surfacing on Metal Columns	II	

Category I Nonfriable ACM such as packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II All nonfriable ACM, excluding Category I materials.

RACM Friable ACM; Category I material that has become friable; Category I material that will be subjected to sanding, grinding, cutting, or abrading; or Category II, material that has a high probability of becoming friable.

TABLE 3A
IDENTIFIED PAINTED BUILDING COMPONENTS and XRF SCREENING RESULTS
Western Ranch Supply
Warehouse 1
Billings, Montana

Material Number	Building Component	Substrate	Color (at time of survey)	Material Condition	Screening Result*
L1	Wall	Metal	Gray	Intact	Neg
L2	Ceiling	Metal	Gray	Intact	Neg
L3	Garage Door	Metal	Gray	Intact	Neg
L4	**Garage Door Frame and Trim**	**Wood**	**Brown**	**Intact**	**Pos /** Neg
L5	Exterior Wall	Metal	Salmon	Intact	Neg
L6	Gutter	Metal	Salmon	Intact	Neg
L7	Man Door	Metal	White	Intact	Neg

* Pos = Lead-based paint - equal to or greater than 1.0 mg/cm2 measured using XRF screening.

* Neg = Nonlead-based paint - less than 1.0 mg/cm2 measured using XRF screening.

** Reference Table 4A and drawings for locations of confirmed materials, if any.

TABLE 3B
IDENTIFIED PAINTED BUILDING COMPONENTS and XRF SCREENING RESULTS
Western Ranch Supply
Warehouse 2
Billings, Montana

Material Number	Building Component	Substrate	Color (at time of survey)	Material Condition	Screening Result*
L1	Wall	Wood	White	Intact	Neg
L2	Door	Metal	Orange / Brown	Intact	Neg
L3	Door Jamb	Metal	Orange	Intact	Neg
L4	Window Sash	Wood	White	Intact	Neg
L5	Window Trim/Apron	Wood	White	Intact	Neg
L6	Window Frame	Wood	White	Intact	Neg
L7	Rollup Door Frame	Wood	Red	Intact	Neg
L8	Siding	Metal	Salmon / Tan	Intact	Neg
L9	Siding	Wood	Tan	Intact	Neg
L10	Exterior Window Sash	Wood	Brown	Intact	Neg
L11	Exterior Window Frame	Wood	Brown	Intact	Neg
L12	Rollup Door	Metal	Brown / Gray	Intact	Neg
L13	Rollup Door Trim	Wood	Tan	Intact	Neg
L14	Column	Metal	Tan	Intact	Neg
L15	Interior Door Casing	Wood	White	Intact	Neg
L16	Floor	Concrete	Gray	Intact	Neg
L17	Door	Wood	White	Intact	Neg
L18	Wall	Drywall	White	Intact	Neg
L19	**Truss**	**Metal**	**Red**	**Intact**	**Pos**

* Pos = Lead-based paint - equal to or greater than 1.0 mg/cm2 measured using XRF screening.
* Neg = Nonlead-based paint - less than 1.0 mg/cm2 measured using XRF screening.
** Reference Table 4B and drawings for locations of confirmed materials, if any.

TABLE 3C
IDENTIFIED PAINTED BUILDING COMPONENTS and XRF SCREENING RESULTS
Western Ranch Supply
Warehouse 3
Billings, Montana

Material Number	Building Component	Substrate	Color (at time of survey)	Material Condition	Screening Result*
L1	Garage Door	Metal	White	Intact	Neg
L2	Wall	Wood	White / Red / Gray	Intact	Neg
L3	Pegboard	Wood	White	Intact	Neg
L4	Wall	CMU	White	Intact	Neg
L5	Ceiling Joist	Wood	White	Intact	Neg
L6	Hand Rail	Metal	Yellow	Intact	Neg
L7	Wall	Drywall	White	Intact	Neg
L8	Ceiling	Concrete	White	Intact	Neg
L9	Wall	Concrete	White	Intact	Neg
L10	Door Jamb	Metal	White	Intact	Neg
L11	Door	Metal	White	Intact	Neg
L12	Ladder	Wood	Red	Intact	Neg
L13	Ceiling Tile	Wood	White	Intact	Neg
L14	Shower Stall	Metal	White	Intact	Neg
L15	Window Frame	Wood	Gray	Intact	Neg
L16	Cooler Walls	Metal	White	Intact	Neg
L17	Garage Door Trim	Wood	Yellow / White	Intact	Neg
L18	Garage Door	Wood	Beige	Intact	Neg
L19	**Parking Ballard**	**Metal**	**Yellow**	**Intact**	**Pos**
L20	Down Spout	Metal	Brown	Intact	Neg
L21	Siding	Wood	Brown	Intact	Neg
L22	Door Infill	Wood	Brown	Intact	Neg
L23	Door Jamb	Wood	Brown	Intact	Neg

* Pos = Lead-based paint - equal to or greater than 1.0 mg/cm2 measured using XRF screening.

* Neg = Nonlead-based paint - less than 1.0 mg/cm2 measured using XRF screening.

** Reference Table 4C and drawings for locations of confirmed materials, if any.

TABLE 3D
IDENTIFIED PAINTED BUILDING COMPONENTS and XRF SCREENING RESULTS
Western Ranch Supply
Office
Billings, Montana

Material Number	Building Component	Substrate	Color (at time of survey)	Material Condition	Screening Result*
L1	Wall	Drywall	White	Intact	Neg
L2	Door	Metal	Brown / White	Intact	Neg
L3	Door Jamb	Wood	Brown / White	Intact	Neg
L4	Siding	Wood	Brown	Intact	Neg
L5	Exterior Window Sill/Trim	Wood	Brown	Intact	Neg
L6	Barrel Roof Wall	Metal	White / Green	Intact	Neg
L7	Exterior Wall	Metal	Green	Intact	Neg
L8	Door - Exterior	Wood	Brown	Intact	Neg
L9	Door Casing	Wood	Brown	Intact	Neg
L10	Wall	Wood	Green	Intact	Neg
L11	Wood Baseboard	Wood	Green	Intact	Neg
L12	Floor	Concrete	Gray	Intact	Neg

* Pos = Lead-based paint - equal to or greater than 1.0 mg/cm2 measured using XRF screening.

* Neg = Nonlead-based paint - less than 1.0 mg/cm2 measured using XRF screening.

** Reference Table 4D and drawings for locations of confirmed materials, if any.

TABLE 3E
IDENTIFIED PAINTED BUILDING COMPONENTS and XRF SCREENING RESULTS
Western Ranch Supply
Store
Billings, Montana

Material Number	Building Component	Substrate	Color (at time of survey)	Material Condition	Screening Result*
L1	Drywall	Drywall	Beige / Green	Intact	Neg
L2	Wood Wall	Wood	Beige	Intact	Neg
L3	Floor	Concrete	Brown / Gray	Intact	Neg
L4	Column	Metal	White / Black	Intact	Neg
L5	Pegboard	Wood	White	Intact	Neg
L6	Ceiling	Wood	White	Intact	Neg
L7	Stair Baseboard	Wood	White	Intact	Neg
L8	Ceiling Tile	Wood	White	Intact	Neg
L9	Shelving	Wood	Green	Intact	Neg
L10	Stair Component	Wood	Brown	Intact	Neg
L11	Exterior Wall (Siding)	Metal	Salmon	Intact	Neg

* Pos = Lead-based paint - equal to or greater than 1.0 mg/cm2 measured using XRF screening.

* Neg = Nonlead-based paint - less than 1.0 mg/cm2 measured using XRF screening.

** Reference Table 4E and drawings for locations of confirmed materials, if any.

TABLE 4A
Results of XRF Instrument Paint Testing
Western Ranch Supply
Warehouse 1
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
N/A	KO	N/A	N/A	N/A	94	N/A	CALIBRATE	N/A	N/A	N/A	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	95	N/A	CALIBRATE	N/A	N/A	N/A	1.14	1.1	Null
N/A	KO	N/A	N/A	N/A	96	N/A	CALIBRATE	N/A	N/A	N/A	1.06	1	Null
N/A	KO	N/A	N/A	N/A	97	N/A	CALIBRATE	N/A	N/A	N/A	1.13	1.1	Null
N/A	KO	N/A	N/A	N/A	98	N/A	CALIBRATE	N/A	N/A	N/A	1.13	0.8	Negative
N/A	KO	N/A	N/A	N/A	99	N/A	CALIBRATE	N/A	N/A	N/A	1.26	3.7	Positive
N/A	KO	N/A	N/A	N/A	100	N/A	CALIBRATE	N/A	N/A	N/A	1.08	1.5	Positive
WH 1	KO	FIRST	101	B	101	1	WALL	METAL	GRAY	INTACT	8.58	< LOD	Null
WH 1	KO	FIRST	101	B	102	1	WALL	METAL	GRAY	INTACT	5.62	< LOD	Negative
WH 1	KO	FIRST	101	B	103	1	WALL	METAL	GRAY	INTACT	7.91	< LOD	Negative
WH 1	KO	FIRST	101	A	104	2	CEILING	METAL	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	101	A	105	2	CEILING	METAL	GRAY	INTACT	1.98	< LOD	Negative
WH 1	KO	FIRST	101	A	106	3	GARAGE DOOR	METAL	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	101	A	107	3	GARAGE DOOR	METAL	GRAY	INTACT	1	< LOD	Null
WH 1	KO	FIRST	101	A	108	3	GARAGE DOOR	METAL	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	101	A	109	3	GARAGE DOOR	METAL	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	101	A	110	3	GAR. DOOR FRAME	WOOD	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	101	A	111	3	GAR. DOOR FRAME	WOOD	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	101	A	112	3	GAR. DOOR FRAME	WOOD	GRAY	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	A	113	5	WALL	METAL	SALMON	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	B	114	5	WALL	METAL	SALMON	INTACT	3.45	< LOD	Negative
WH 1	KO	FIRST	201	C	115	5	WALL	METAL	SALMON	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	A	116	4	DOOR FRAME	WOOD	BROWN	INTACT	3.66	1.8	Positive
WH 1	KO	FIRST	201	A	117	4	DOOR FRAME	WOOD	BROWN	INTACT	2.07	< LOD	Negative
WH 1	KO	FIRST	201	A	118	4	DOOR FRAME	WOOD	BROWN	INTACT	2.43	< LOD	Negative
WH 1	KO	FIRST	201	A	119	4	DOOR FRAME	WOOD	BROWN	INTACT	4.03	1.5	Positive
WH 1	KO	FIRST	201	A	120	4	DOOR FRAME	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	A	121	4	DOOR FRAME	WOOD	BROWN	INTACT	1.13	< LOD	Negative
WH 1	KO	FIRST	201	A	122	4	DOOR FRAME	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	A	123	4	DOOR GAR. TRIM	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	A	124	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	1.82	< LOD	Negative
WH 1	KO	FIRST	201	A	125	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	3.93	2.2	Positive
WH 1	KO	FIRST	201	A	126	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	1	< LOD	Null

TABLE 4A
Results of XRF Instrument Paint Testing
Western Ranch Supply
Warehouse 1
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
WH 1	KO	FIRST	201	A	127	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	1.02	< LOD	Negative
WH 1	KO	FIRST	201	A	128	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	3.28	< LOD	Negative
WH 1	KO	FIRST	201	A	129	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	4.35	1.1	Null
WH 1	KO	FIRST	201	A	130	4	GAR. DOOR TRIM	WOOD	BROWN	INTACT	4.79	1.4	Positive
WH 1	KO	FIRST	201	A	131	7	GUTTER	METAL	SALMON	INTACT	2.94	< LOD	Negative
WH 1	KO	FIRST	201	A	132	7	GUTTER	METAL	SALMON	INTACT	3.36	< LOD	Negative
WH 1	KO	FIRST	201	A	133	7	DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
WH 1	KO	FIRST	201	A	134	7	DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	135	N/A	CALIBRATE	N/A	N/A	N/A	1.46	< LOD	Negative
N/A	KO	N/A	N/A	N/A	136	N/A	CALIBRATE	N/A	N/A	N/A	1.1	1.1	Positive
N/A	KO	N/A	N/A	N/A	137	N/A	CALIBRATE	N/A	N/A	N/A	1.03	0.7	Negative
N/A	KO	N/A	N/A	N/A	138	N/A	CALIBRATE	N/A	N/A	N/A	1.36	4.1	Positive
N/A	KO	N/A	N/A	N/A	139	N/A	CALIBRATE	N/A	N/A	N/A	1.21	1.7	Positive

TABLE 4B
Results of XRF Instrument Paint Testing
Western Ranch Supply
Warehouse 2
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
N/A	KO	N/A	N/A	N/A	135	N/A	CALIBRATE	N/A	N/A	N/A	1.46	< LOD	Negative
N/A	KO	N/A	N/A	N/A	136	N/A	CALIBRATE	N/A	N/A	N/A	1.1	1.1	Positive
N/A	KO	N/A	N/A	N/A	137	N/A	CALIBRATE	N/A	N/A	N/A	1.03	0.7	Negative
N/A	KO	N/A	N/A	N/A	138	N/A	CALIBRATE	N/A	N/A	N/A	1.36	4.1	Positive
N/A	KO	N/A	N/A	N/A	139	N/A	CALIBRATE	N/A	N/A	N/A	1.21	1.7	Positive
WH 2	KO	FIRST	101	C	140	1	WALL	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	141	1	WALL	WOOD	WHITE	INTACT	2.23	< LOD	Negative
WH 2	KO	FIRST	101	C	142	1	WALL	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	143	2	DOOR	METAL	ORANGE	INTACT	1.18	0.4	Negative
WH 2	KO	FIRST	101	C	144	2	DOOR	METAL	BROWN	INTACT	2.67	< LOD	Negative
WH 2	KO	FIRST	101	C	145	3	DOOR JAMB	WOOD	ORANGE	INTACT	1.03	0.4	Negative
WH 2	KO	FIRST	101	C	146	3	DOOR JAMB	WOOD	ORANGE	INTACT	1.49	0.6	Negative
WH 2	KO	FIRST	101	C	147	4	WINDOW SASH	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	148	4	WINDOW SASH	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	149	5	WINDOW TRIM	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	150	5	WINDOW TRIM	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	151	6	WINDOW FRAME	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	152	6	WINDOW FRAME	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	153	7	ROLLUP DOOR FRAME	WOOD	RED	INTACT	1.25	0.4	Negative
WH 2	KO	FIRST	101	C	154	7	ROLLUP DOOR FRAME	WOOD	RED	INTACT	1.27	0.5	Negative
WH 2	KO	FIRST	101	C	155	12	ROLLUP DOOR	METAL	GRAY	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	B	156	8	WALL	METAL	SALMON	INTACT	2.25	< LOD	Negative
WH 2	KO	FIRST	201	A	157	8	WALL	METAL	SALMON	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	158	8	WALL	METAL	TAN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	159	9	WALL	WOOD	TAN	INTACT	1.48	< LOD	Negative
WH 2	KO	FIRST	201	C	160	9	WALL	WOOD	TAN	INTACT	4.88	< LOD	Negative
WH 2	KO	FIRST	201	C	161	9	WALL	WOOD	TAN	INTACT	6.84	< LOD	Negative
WH 2	KO	FIRST	201	C	162	10	EXT WIN SASH	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	163	10	EXT WIN SASH	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	164	10	EXT WIN SASH	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	165	11	EXT WIN FRAME	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	166	11	EXT WIN FRAME	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	167	11	EXT WIN FRAME	WOOD	BROWN	INTACT	2.92	< LOD	Negative

TABLE 4B
Results of XRF Instrument Paint Testing
Western Ranch Supply
Warehouse 2
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
WH 2	KO	FIRST	201	C	168	12	ROLLUP DOOR	METAL	BROWN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	169	13	DOOR TRIM	WOOD	TAN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	170	13	DOOR TRIM	WOOD	TAN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	171	14	COLUMN	METAL	TAN	INTACT	2.14	< LOD	Negative
WH 2	KO	FIRST	201	C	172	14	COLUMN	METAL	TAN	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	201	C	173	14	COLUMN	METAL	TAN	INTACT	2.11	< LOD	Negative
WH 2	KO	FIRST	102	C	174	15	DOOR CASING	WOOD	WHITE	INTACT	6.11	< LOD	Negative
WH 2	KO	FIRST	102	C	175	15	DOOR CASING	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	176	15	DOOR CASING	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	177	16	FLOOR	CONCRETE	GRAY	INTACT	1.47	< LOD	Null
WH 2	KO	FIRST	101	C	178	16	FLOOR	CONCRETE	GRAY	INTACT	1.61	< LOD	Null
WH 2	KO	FIRST	101	C	179	16	FLOOR	CONCRETE	GRAY	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	101	C	180	16	FLOOR	CONCRETE	GRAY	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	102	B	181	17	DOOR	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	102	A	182	18	WALL	DRYWALL	WHITE	INTACT	1	< LOD	Negative
WH 2	KO	FIRST	102	A	183	18	WALL	DRYWALL	WHITE	INTACT	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	184	N/A	CALIBRATE	N/A	N/A	N/A	7.12	< LOD	Negative
N/A	KO	N/A	N/A	N/A	185	N/A	CALIBRATE	N/A	N/A	N/A	1.16	1.1	Null
N/A	KO	N/A	N/A	N/A	186	N/A	CALIBRATE	N/A	N/A	N/A	1.24	1.2	Positive
N/A	KO	N/A	N/A	N/A	187	N/A	CALIBRATE	N/A	N/A	N/A	1	0.7	Negative
N/A	KO	N/A	N/A	N/A	188	N/A	CALIBRATE	N/A	N/A	N/A	1.34	3.9	Positive
N/A	KO	N/A	N/A	N/A	189	N/A	CALIBRATE	N/A	N/A	N/A	1.24	1.8	Positive
N/A	N/A	N/A	N/A	N/A	190	N/A	SHUTTER	N/A	N/A	N/A	0	1.13	N/A
N/A	KO	N/A	N/A	N/A	191	N/A	CALIBRATE	N/A	N/A	N/A	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	192	N/A	CALIBRATE	N/A	N/A	N/A	1.21	1.2	Positive
N/A	KO	N/A	N/A	N/A	193	N/A	CALIBRATE	N/A	N/A	N/A	1.08	0.8	Negative
N/A	KO	N/A	N/A	N/A	194	N/A	CALIBRATE	N/A	N/A	N/A	1.29	3.8	Positive
N/A	KO	N/A	N/A	N/A	195	N/A	CALIBRATE	N/A	N/A	N/A	1.26	1.8	Positive
WH 2	KO	FIRST	101	N/A	196	19	TRUSS	METAL	RED	INTACT	1.27	1.9	Positive
WH 2	KO	FIRST	101	N/A	197	19	TRUSS	METAL	RED	INTACT	1.07	1.1	Positive

TABLE 4C
Results of XRF Instrument Paint Testing
Western Ranch Supply
Warehouse 3
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
WH 3	KO	FIRST	101	D	198	1	GARAGE DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	101	D	199	1	GARAGE DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	101	C	200	2	WALL	WOOD	WHITE	INTACT	1.89	< LOD	Negative
WH 3	KO	FIRST	101	C	201	2	WALL	WOOD	RED	INTACT	1.47	< LOD	Negative
WH 3	KO	FIRST	101	C	202	12	LADDER	WOOD	RED	INTACT	2.75	< LOD	Negative
WH 3	KO	FIRST	110	D	203	3	PEGBOARD	WOOD	WHITE	INTACT	2.84	< LOD	Negative
WH 3	KO	FIRST	110	D	204	3	PEGBOARD	WOOD	WHITE	INTACT	2.76	< LOD	Negative
WH 3	KO	FIRST	110	C	205	4	WALL	CMU	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	110	C	206	4	WALL	CMU	WHITE	INTACT	1	< LOD	Null
WH 3	KO	FIRST	110	C	207	4	WALL	CMU	WHITE	INTACT	3.08	< LOD	Null
WH 3	KO	FIRST	110	C	208	4	WALL	CMU	WHITE	INTACT	1	< LOD	Null
WH 3	KO	FIRST	110	C	209	4	WALL	CMU	WHITE	INTACT	3.04	< LOD	Negative
WH 3	KO	FIRST	110	C	210	5	CEILING JOIST	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	110	C	211	5	CEILING JOIST	WOOD	WHITE	INTACT	1.02	< LOD	Negative
WH 3	KO	FIRST	110	C	212	5	CEILING JOIST	WOOD	WHITE	INTACT	1	< LOD	Null
WH 3	KO	FIRST	110	C	213	5	CEILING JOIST	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	110	C	214	6	HAND RAIL	METAL	YELLOW	INTACT	1.09	0.6	Negative
WH 3	KO	FIRST	110	C	215	6	HAND RAIL	METAL	YELLOW	INTACT	1	0.5	Negative
WH 3	KO	FIRST	105	B	216	7	WALL	DRYWALL	WHITE	INTACT	7.12	< LOD	Negative
WH 3	KO	FIRST	105	D	217	7	WALL	DRYWALL	WHITE	INTACT	1.78	< LOD	Negative
WH 3	KO	FIRST	106	B	218	7	WALL	DRYWALL	WHITE	INTACT	1.32	< LOD	Negative
WH 3	KO	FIRST	103	C	219	7	WALL	DRYWALL	WHITE	INTACT	1.13	< LOD	Negative
WH 3	KO	FIRST	105	N/A	220	8	CEILING	CONCRETE	WHITE	INTACT	3.49	< LOD	Negative
WH 3	KO	FIRST	105	N/A	221	8	CEILING	CONCRETE	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	109	A	222	9	WALL	CONCRETE	WHITE	INTACT	3.66	< LOD	Negative
WH 3	KO	FIRST	109	A	223	9	WALL	CONCRETE	WHITE	INTACT	3.15	< LOD	Negative
WH 3	KO	FIRST	109	D	224	4	WALL	CMU	WHITE	INTACT	1.76	< LOD	Negative
WH 3	KO	FIRST	109	C	225	4	WALL	CMU	WHITE	INTACT	3.6	< LOD	Negative
WH 3	KO	FIRST	106	A	226	10	DOOR JAMB	METAL	WHITE	INTACT	1.18	< LOD	Negative
WH 3	KO	FIRST	106	A	227	10	DOOR JAMB	METAL	WHITE	INTACT	1.2	< LOD	Negative
WH 3	KO	FIRST	109	B	228	10	DOOR JAMB	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	106	B	229	13	CEILING TILE	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	106	B	230	13	CEILING TILE	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	108 RR	B	231	13	CEILING TILE	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	108 RR	B	232	14	SHOWER STALL	METAL	WHITE	INTACT	2.93	< LOD	Negative
WH 3	KO	FIRST	101	D	233	2	WALL	WOOD	GRAY	INTACT	1.13	< LOD	Negative
WH 3	KO	FIRST	101	D	234	2	WALL	WOOD	GRAY	INTACT	1	< LOD	Negative

TABLE 4C
Results of XRF Instrument Paint Testing
Western Ranch Supply
Warehouse 3
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
WH 3	KO	FIRST	101	A	235	15	WINDOW FRAME	WOOD	GRAY	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	101	A	236	15	WINDOW FRAME	WOOD	GRAY	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	101	D	237	16	COOLER	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	101	D	238	16	COOLER	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	101	D	239	11	DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	D	240	1	GARAGE DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	D	241	17	GAR. DOOR TRIM	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	D	242	17	GAR. DOOR TRIM	WOOD	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	D	243	14	WALL	CMU	YELLOW	INTACT	3.83	< LOD	Negative
WH 3	KO	FIRST	201	D	244	14	WALL	CMU	YELLOW	INTACT	2.42	< LOD	Negative
WH 3	KO	FIRST	201	C	245	14	WALL	CMU	YELLOW	INTACT	2.55	< LOD	Negative
WH 3	KO	FIRST	201	C	246	18	GARAGE DOOR	WOOD	YELLOW	INTACT	2.27	< LOD	Negative
WH 3	KO	FIRST	201	C	247	18	GARAGE DOOR	WOOD	YELLOW	INTACT	2.43	< LOD	Negative
WH 3	KO	FIRST	201	C	248	17	GAR. DOOR TRIM	WOOD	YELLOW	INTACT	1.1	< LOD	Negative
WH 3	KO	FIRST	201	C	249	17	GAR. DOOR TRIM	WOOD	YELLOW	INTACT	4.17	< LOD	Negative
WH 3	KO	FIRST	201	C	250	19	BOLLARD	METAL	YELLOW	INTACT	2.82	2.5	Positive
WH 3	KO	FIRST	201	C	251	19	BOLLARD	METAL	YELLOW	INTACT	3.02	2.1	Positive
WH 3	KO	FIRST	201	D	252	20	DOWNSPOUT	METAL	TAN	INTACT	6.38	< LOD	Negative
WH 3	KO	FIRST	201	A	253	21	SIDING	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	A	254	21	SIDING	WOOD	BROWN	INTACT	2.33	< LOD	Negative
WH 3	KO	FIRST	201	A	255	22	DOOR INFILL	WOOD	BROWN	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	B	256	20	DOWNSPOUT	METAL	BROWN	INTACT	1	< LOD	Null
WH 3	KO	FIRST	201	B	257	11	DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
WH 3	KO	FIRST	201	B	258	23	DOOR JAMB	WOOD	BROWN	INTACT	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	259	N/A	CALIBRATE	N/A	N/A	N/A	0.29	0.29	< LOD
N/A	KO	N/A	N/A	N/A	260	N/A	CALIBRATE	N/A	N/A	N/A	0.03	0.03	< LOD
N/A	KO	N/A	N/A	N/A	261	N/A	CALIBRATE	N/A	N/A	N/A	0.1	0.1	1.2
N/A	KO	N/A	N/A	N/A	262	N/A	CALIBRATE	N/A	N/A	N/A	0.2	0.2	0.7
N/A	KO	N/A	N/A	N/A	263	N/A	CALIBRATE	N/A	N/A	N/A	1.3	1.3	3.8
N/A	KO	N/A	N/A	N/A	264	N/A	CALIBRATE	N/A	N/A	N/A	0.4	0.4	1.6

TABLE 4D
Results of XRF Instrument Paint Testing
Western Ranch Supply
Office
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
N/A	N/A	N/A	N/A	N/A	52	N/A	SHUTTER	N/A	N/A	N/A	0	0.98	N/A
N/A	KO	N/A	N/A	N/A	53	N/A	CALIBRATE	N/A	N/A	N/A	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	54	N/A	CALIBRATE	N/A	N/A	N/A	1.02	0.8	Negative
N/A	KO	N/A	N/A	N/A	55	N/A	CALIBRATE	N/A	N/A	N/A	1.1	1.1	Null
N/A	KO	N/A	N/A	N/A	56	N/A	CALIBRATE	N/A	N/A	N/A	1.14	1.1	Null
N/A	KO	N/A	N/A	N/A	57	N/A	CALIBRATE	N/A	N/A	N/A	1.12	0.8	Negative
N/A	KO	N/A	N/A	N/A	58	N/A	CALIBRATE	N/A	N/A	N/A	1.3	3.8	Positive
N/A	KO	N/A	N/A	N/A	59	N/A	CALIBRATE	N/A	N/A	N/A	1.1	1.5	Positive
OFFICE	KO	FIRST	102	D	60	1	WALL	DRYWALL	WHITE	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	102	B	61	1	WALL	DRYWALL	WHITE	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	102	A	62	1	WALL	DRYWALL	WHITE	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	102	A	63	2	DOOR	METAL	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	102	A	64	2	DOOR	METAL	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	A	65	3	DOOR JAMB	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	A	66	4	WALL	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	A	67	4	WALL	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	D	68	5	WINDOW SILL	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	D	69	5	WINDOW SILL	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	D	70	5	WINDOW SILL	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	D	71	6	BARREL ROOF WALL	METAL	WHITE	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	D	72	6	BARREL ROOF WALL	METAL	WHITE	INTACT	1.74	< LOD	Negative
OFFICE	KO	FIRST	201	C	73	7	WALL	METAL	GREEN	INTACT	4.55	< LOD	Negative
OFFICE	KO	FIRST	201	C	74	7	WALL	METAL	GREEN	INTACT	7.31	< LOD	Negative
OFFICE	KO	FIRST	201	C	75	2	DOOR	METAL	WHITE	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	C	76	3	DOOR JAMB	WOOD	WHITE	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	C	77	4	WALL	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	C	78	4	WALL	WOOD	BROWN	INTACT	1.04	< LOD	Negative
OFFICE	KO	FIRST	201	C	79	8	DOOR	WOOD	BROWN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	201	C	80	9	DOOR CASING	WOOD	BROWN	INTACT	1.32	< LOD	Negative

TABLE 4D
Results of XRF Instrument Paint Testing
Western Ranch Supply
Office
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
OFFICE	KO	FIRST	201	B	81	6	BARREL ROOF WALL	METAL	GREEN	INTACT	1.87	< LOD	Negative
OFFICE	KO	FIRST	201	B	82	6	BARREL ROOF WALL	METAL	GREEN	INTACT	2.39	< LOD	Negative
OFFICE	KO	FIRST	108	D	83	10	WALL	WOOD	GREEN	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	108	D	84	10	WALL	WOOD	GREEN	INTACT	1.04	< LOD	Negative
OFFICE	KO	FIRST	108	D	85	11	BASEBOARD	WOOD	GREEN	INTACT	1.25	< LOD	Negative
OFFICE	KO	FIRST	108	D	86	11	BASEBOARD	WOOD	GREEN	INTACT	1.26	< LOD	Negative
OFFICE	KO	FIRST	108	D	87	12	FLOOR	CONCRETE	GRAY	INTACT	1	< LOD	Negative
OFFICE	KO	FIRST	108	D	88	12	FLOOR	CONCRETE	GRAY	INTACT	1.32	< LOD	Negative
N/A	KO	N/A	N/A	N/A	89	N/A	CALIBRATE	N/A	N/A	N/A	1.2	< LOD	Negative
N/A	KO	N/A	N/A	N/A	90	N/A	CALIBRATE	N/A	N/A	N/A	1.1	1.1	Positive
N/A	KO	N/A	N/A	N/A	91	N/A	CALIBRATE	N/A	N/A	N/A	1.14	0.8	Negative
N/A	KO	N/A	N/A	N/A	92	N/A	CALIBRATE	N/A	N/A	N/A	1.3	3.7	Positive
N/A	KO	N/A	N/A	N/A	93	N/A	CALIBRATE	N/A	N/A	N/A	1.25	1.8	Positive

TABLE 4E
Results of XRF Instrument Paint Testing
Western Ranch Supply
Store
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
N/A	N/A	N/A	N/A	N/A	1	N/A	SHUTTER	N/A	N/A	N/A	0	1.04	N/A
N/A	KO	N/A	N/A	N/A	2	N/A	CALIBRATE	N/A	N/A	N/A	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	3	N/A	CALIBRATE	N/A	N/A	N/A	1.05	1	Positive
N/A	KO	N/A	N/A	N/A	4	N/A	CALIBRATE	N/A	N/A	N/A	1.1	0.7	Negative
N/A	KO	N/A	N/A	N/A	5	N/A	CALIBRATE	N/A	N/A	N/A	1.39	4.2	Positive
N/A	KO	N/A	N/A	N/A	6	N/A	CALIBRATE	N/A	N/A	N/A	1.13	1.5	Positive
STORE	KO	FIRST	101	B	7	1	WALL	DRYWALL	BEIGE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	B	8	2	WALL	WOOD	BEIGE	INTACT	1	< LOD	Null
STORE	KO	FIRST	101	B	9	2	WALL	WOOD	BEIGE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	B	10	2	WALL	WOOD	BEIGE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	B	11	3	FLOOR	CONCRETE	GRAY	INTACT	1	< LOD	Null
STORE	KO	FIRST	101	B	12	3	FLOOR	CONCRETE	GRAY	INTACT	1	< LOD	Null
STORE	KO	FIRST	101	B	13	3	FLOOR	CONCRETE	GRAY	INTACT	8.59	< LOD	Null
STORE	KO	FIRST	101	B	14	3	FLOOR	CONCRETE	GRAY	INTACT	3.29	< LOD	Negative
STORE	KO	FIRST	101	B	15	3	FLOOR	CONCRETE	GRAY	INTACT	2.79	< LOD	Negative
STORE	KO	FIRST	101	B	16	3	FLOOR	CONCRETE	GRAY	INTACT	2.73	< LOD	Negative
STORE	KO	FIRST	101	D	17	4	COLUMN	METAL	WHITE	INTACT	1.66	< LOD	Negative
STORE	KO	FIRST	101	D	18	4	COLUMN	METAL	WHITE	INTACT	4.28	< LOD	Null
STORE	KO	FIRST	101	D	19	4	COLUMN	METAL	WHITE	INTACT	7.28	< LOD	Negative
STORE	KO	FIRST	101	D	20	5	PEGBOARD	WOOD	WHITE	INTACT	1.49	< LOD	Negative
STORE	KO	FIRST	101	D	21	5	PEGBOARD	WOOD	WHITE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	B	22	6	CEILING	WOOD	WHITE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	B	23	6	CEILING	WOOD	WHITE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	D	24	7	BASEBOARD	WOOD	WHITE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	D	25	7	BASEBOARD	WOOD	WHITE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	D	26	5	PEGBOARD	WOOD	BEIGE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	103	A	27	1	WALL	DRYWALL	BEIGE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	104	A	28	1	WALL	DRYWALL	BEIGE	INTACT	1	< LOD	Negative

TABLE 4E
Results of XRF Instrument Paint Testing
Western Ranch Supply
Store
Billings, Montana

Site	Insp.	Floor	Room	Side	Read. No	Mat. No.	Component	Substrate	Color	Cond.	Depth Index	PbC	Result
STORE	KO	FIRST	104	A	29	3	FLOOR	CONCRETE	BROWN	INTACT	4.49	< LOD	Negative
STORE	KO	FIRST	103	A	30	3	FLOOR	CONCRETE	BROWN	INTACT	1	< LOD	Negative
STORE	KO	FIRST	105	A	31	1	WALL	DRYWALL	LT. GREEN	INTACT	1	< LOD	Negative
STORE	KO	FIRST	107	B	32	1	WALL	DRYWALL	BEIGE	INTACT	1	< LOD	Negative
STORE	KO	FIRST	107	B	33	3	FLOOR	CONCRETE	GRAY	INTACT	2.39	< LOD	Negative
STORE	KO	SECOND	201	B	34	9	CABINET SHELF	WOOD	GREEN	INTACT	1	< LOD	Negative
STORE	KO	SECOND	201	B	35	9	CABINET SHELF	WOOD	GREEN	INTACT	2.61	< LOD	Negative
STORE	KO	SECOND	201	B	36	8	CEILING TILE	WOOD	WHITE	INTACT	2.55	< LOD	Negative
STORE	KO	SECOND	202	B	37	8	CEILING TILE	WOOD	WHITE	INTACT	1.02	< LOD	Negative
STORE	KO	SECOND	202	B	38	8	CEILING TILE	WOOD	WHITE	INTACT	4.99	< LOD	Negative
STORE	KO	SECOND	202	A	39	5	PEGBOARD	WOOD	WHITE	INTACT	1	< LOD	Negative
STORE	KO	SECOND	202	A	40	10	STAIR COMPONENT	WOOD	BROWN	INTACT	1	< LOD	Negative
STORE	KO	SECOND	202	A	41	10	STAIR COMPONENT	WOOD	BROWN	INTACT	1	< LOD	Negative
STORE	KO	FIRST	101	C	42	4	COLUMN	METAL	BLACK	INTACT	1	< LOD	Negative
STORE	KO	FIRST	301	B	43	11	WALL	METAL	SALMON	INTACT	2.25	< LOD	Null
STORE	KO	FIRST	301	B	44	11	WALL	METAL	SALMON	INTACT	1	< LOD	Negative
STORE	KO	FIRST	301	B	45	11	WALL	METAL	SALMON	INTACT	1	< LOD	Negative
STORE	KO	FIRST	301	D	46	11	WALL	METAL	SALMON	INTACT	6.88	< LOD	Negative
N/A	KO	N/A	N/A	N/A	47	N/A	CALIBRATE	N/A	N/A	N/A	1	< LOD	Negative
N/A	KO	N/A	N/A	N/A	48	N/A	CALIBRATE	N/A	N/A	N/A	1.19	1.2	Positive
N/A	KO	N/A	N/A	N/A	49	N/A	CALIBRATE	N/A	N/A	N/A	1.1	0.8	Negative
N/A	KO	N/A	N/A	N/A	50	N/A	CALIBRATE	N/A	N/A	N/A	1.26	3.6	Positive
N/A	KO	N/A	N/A	N/A	51	N/A	CALIBRATE	N/A	N/A	N/A	1.12	1.3	Positive

TABLE 5A
SUMMARY OF FLUORESCENT LIGHT FIXTURES
Western Ranch Supply
Warehouse 1
Billings, Montana

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE QUANTITY	PCB'S PRESENT YES/NO	BALLASTS PER FIXTURE	TUBES PER FIXTURE
1	1'x8' 2- Tube, T12, Hanging	2	No	NA	2
2	6"x4' Single Tube, T12 Single Tube	3	Yes	1	1

TABLE 5A
SYNOPSIS OF PCB-CONTAINING FIXTURES AND COMPONENTS

TOTAL NUMBER OF FIXTURES	TOTAL NUMBER OF PCB-CONTAINING BALLASTS	TOTAL NUMBER OF FLUORESCENT TUBES
5	3	7

TABLE 5B
SUMMARY OF FLUORESCENT LIGHT FIXTURES
Western Ranch Supply
Warehouse 2
Billings, Montana

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE QUANTITY	PCB'S PRESENT YES/NO	BALLASTS PER FIXTURE	TUBES PER FIXTURE
1	1'x4' Recessed T12	1	No	1	2

TABLE 5B
SYNOPSIS OF PCB-CONTAINING FIXTURES AND COMPONENTS

TOTAL NUMBER OF FIXTURES	TOTAL NUMBER OF PCB-CONTAINING BALLASTS	TOTAL NUMBER OF FLUORESCENT TUBES
1	0	2

TABLE 5C
SUMMARY OF FLUORESCENT LIGHT FIXTURES
Western Ranch Supply
Warehouse 3
Billings, Montana

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE QUANTITY	PCB'S PRESENT YES/NO	BALLASTS PER FIXTURE	TUBES PER FIXTURE
1	4'x4' T8 2-Tube	5	No	1	2
2	1'x8' 2-Tube T8	20	No	1	2
3	6"x8' T12 2 Tube No Cover	8	No	1	2
4	1'x8' 2-Tube, T12 Grate Cover	2	Yes/No	1	2
5	2'x8' 4-Tube T12 Grate Cover	1	No	1	4

TABLE 5C
SYNOPSIS OF PCB-CONTAINING FIXTURES AND COMPONENTS

TOTAL NUMBER OF FIXTURES	TOTAL NUMBER OF PCB-CONTAINING BALLASTS	TOTAL NUMBER OF FLUORESCENT TUBES
36	2	74

TABLE 5D
SUMMARY OF FLUORESCENT LIGHT FIXTURES
Western Ranch Supply
Office
Billings, Montana

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE QUANTITY	PCB'S PRESENT YES/NO	BALLASTS PER FIXTURE	TUBES PER FIXTURE
1	2'x4' Two Tube, T8 Swing Open Face	36	No	NA	2
2	1'x4' Two Tube, T8, Surface Mounted	3	No	NA	2

TABLE 5D
SYNOPSIS OF PCB-CONTAINING FIXTURES AND COMPONENTS

TOTAL NUMBER OF FIXTURES	TOTAL NUMBER OF PCB-CONTAINING BALLASTS	TOTAL NUMBER OF FLUORESCENT TUBES
39	0	78

TABLE 5E
SUMMARY OF FLUORESCENT LIGHT FIXTURES
Western Ranch Supply
Store
Billings, Montana

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE QUANTITY	PCB'S PRESENT YES/NO	BALLASTS PER FIXTURE	TUBES PER FIXTURE
1	1'x8' 2-Tube, T8	61	No	NA	2
2	1'x4' 2-Tube T8 Surface Mount	16	No	NA	2
3	1'x4' 1-Tube, T8, Swing Cover	14	No	NA	2
4	2'x4' 2-Tube, T8 Swing Cover	16	No	NA	2
5	4"x4' 1-Tube, T8,	2	No	NA	2

TABLE 5E
SYNOPSIS OF PCB-CONTAINING FIXTURES AND COMPONENTS

TOTAL NUMBER OF FIXTURES	TOTAL NUMBER OF PCB-CONTAINING BALLASTS	TOTAL NUMBER OF FLUORESCENT TUBES
109	0	218

TABLE 6A
ASBESTOS ABATEMENT COST ESTIMATE
Western Ranch Supply
Warehouse 1
Billings, Montana

1. Asbestos Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
White Caulk on Metal Joings	1	EA	$1,000.00	$1,000
Black Caulk, Base of Wall	42	SF	$7.50	$315
Ceiling Surfacing	700	SF	$4.50	$3,150
Rough Wall Texture	425	SF	$5.50	$2,338
Ceiling/Wall Spray	2300	SF	$6.25	$14,375
Asbestos Waste Disposal	20	YD	$40.00	$800
Misc. Supplies (@ 5 % of job) (includes signs, plastic sheet, bags, tyvek, etc)				$1,099
Asbestos Removal Permit (10% if Applicable)	1	EA	10%	$2,308
Asbestos Abatement Estimate				**$25,384**

2. PCB Abatement

PCB Ballasts	3	EA	$8.00	$24
Fluorescent Light Tubes	7	EA	$1.00	$7
PCB Abatement Estimate				**$31**

3. Lead-based Paint Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Exterior Door Jamb/Trim	100	SF	$8.50	$850
Lead Waste Disposal - 55 Gallon Drum	0.1	DRUM	$350.00	$35
Lead Waste Disposal - Transportation (Applys to Bulk Only)	0.1	EVENT	$3,000.00	$300
Misc. Supplies (@ 5 % of job) (includes 55 gal. drums, signs, poly, bags, tyvek, etc)				$44
Lead-Based Paint Abatement Estimate				**$1,229**

Total Abatement Estimate $26,644

TABLE 6B
ASBESTOS ABATEMENT COST ESTIMATE
Western Ranch Supply
Warehouse 2
Billings, Montana

1. Asbestos Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Asphalt Roofing (assumed)	4480	EA	$3.00	$13,440
Transite Wall Panels	365	SF	$1.75	$639
Metal Wall Caulk	60	LF	$6.00	$360
Window Caulk	8	EA	$40.00	$320
Asbestos Waste Disposal	30	YD	$40.00	$1,200
Misc. Supplies (@ 5 % of job) (includes signs, plastic sheet, bags, tyvek, etc)				$798
Asbestos Removal Permit (10% if Applicable)	1	EA	10%	$1,676
Asbestos Abatement Estimate				**$18,432**

2. PCB Abatement

PCB Ballasts	0	EA	$8.00	$0
Fluorescent Light Tubes	2	EA	$1.00	$2
PCB Abatement Estimate				**$2**

3. Lead-based Paint Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Roof Trusses	10	EA	$1,500.00	$15,000
Lead Waste Disposal - 55 Gallon Drum	4	DRUM	$350.00	$1,400
Lead Waste Disposal - Transportation (Applys to Bulk Only)	1	EVENT	$3,000.00	$3,000
Misc. Supplies (@ 10% of job) (includes 55 gal. drums, signs, poly, bags, tyvek, etc)				$1,640
Lead-Based Paint Abatement Estimate				**$21,040**

Total Abatement Estimate $39,474

TABLE 6C
ASBESTOS ABATEMENT COST ESTIMATE
Western Ranch Supply
Warehouse 3
Billings, Montana

1. Asbestos Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Asphalt Roofing (assumed)	12500	EA	$2.75	$34,375
12"x12" Floor Tile and Mastic	880	SF	$2.25	$1,980
9"x9" Floor Tile and Mastic	450	SF	$2.25	$1,013
Floor Leveling Compound	220	SF	$1.50	$330
Door Caulk	18	LF	$5.50	$99
4" Vinyl Covebase	280	LF	$0.75	$210
Vermiculite Insulation	5600	SF	$4.25	$23,800
Concrete Sealer	210	SF	$4.00	$840
Light Fixtures	2	EA	$25.00	$50
Asbestos Waste Disposal	100	YD	$40.00	$4,000
Misc. Supplies (@ 5 % of job) (includes signs, plastic sheet, bags, tyvek, etc)				$3,335
Asbestos Removal Permit (10% if Applicable)	1	EA	10%	$7,003
Asbestos Abatement Estimate				**$77,034**

2. PCB Abatement

PCB Ballasts	2	EA	$8.00	$16
Fluorescent Light Tubes	74	EA	$1.00	$74
PCB Abatement Estimate				**$90**

3. Lead-based Paint Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Parking Ballards	2	EA	$150.00	$300
Lead Waste Disposal - 55 Gallon Drum	0.1	DRUM	$350.00	$35
Lead Waste Disposal - Transportation (Applys to Bulk Only)	0.1	EVENT	$3,000.00	$300
Misc. Supplies (@ 10% of job) (includes 55 gal. drums, signs, poly, bags, tyvek, etc)				$34
Lead-Based Paint Abatement Estimate				**$669**

Total Abatement Estimate $77,793

TABLE 6D
ASBESTOS ABATEMENT COST ESTIMATE
Western Ranch Supply
Store
Billings, Montana

1. Asbestos Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Asphalt Roofing (assumed)	4500	EA	$2.75	$12,375
Siding Felt (assumed)	250	SF	$2.50	$625
Transite Panels	200	SF	$2.25	$450
Window/Door Caulk	6	EA	$90.00	$540
Wood Paneling Adhesive (assumed)	1280	SF	$1.50	$1,920
Surfacing on Columns	2	EA	$500.00	$1,000
Asbestos Waste Disposal	40	YD	$40.00	$1,600
Misc. Supplies (@ 5 % of job) (includes signs, plastic sheet, bags, tyvek, etc)				$926
Asbestos Removal Permit (10% if Applicable)	1	EA	10%	$1,944
Asbestos Abatement Estimate				**$21,379**

2. PCB Abatement

PCB Ballasts	0	EA	$8.00	$0
Fluorescent Light Tubes	218	EA	$1.00	$218
PCB Abatement Estimate				**$218**

3. Lead-based Paint Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
NONE	0	EA	$150.00	$0
Lead Waste Disposal - 55 Gallon Drum	0	DRUM	$350.00	$0
Lead Waste Disposal - Transportation (Applys to Bulk Only)	0	EVENT	$3,000.00	$0
Misc. Supplies (@ 10% of job) (includes 55 gal. drums, signs, poly, bags, tyvek, etc)				$0
Lead-Based Paint Abatement Estimate				**$0**

Total Abatement Estimate $21,597

TABLE 6E
ASBESTOS ABATEMENT COST ESTIMATE
Western Ranch Supply
Office
Billings, Montana

1. Asbestos Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
Fireproofing (inc. required demolition)	850	EA	$12.00	$10,200
Metal Texture Finish	3226	SF	$6.50	$20,969
Roof Caulk	1	EA	$1,000.00	$1,000
Asbestos Waste Disposal	40	YD	$40.00	$1,600
Misc. Supplies (@ 5 % of job) (includes signs, plastic sheet, bags, tyvek, etc)				$1,688
Asbestos Removal Permit (10% if Applicable)	1	EA	10%	$3,546
Asbestos Abatement Estimate				**$39,003**

2. PCB Abatement

PCB Ballasts	0	EA	$8.00	$0
Fluorescent Light Tubes	78	EA	$1.00	$78
PCB Abatement Estimate				**$78**

3. Lead-based Paint Abatement

Materials and Related Expenses	Quantity	Unit	Unit Cost	Total Cost
NONE	0	EA	$150.00	$0
Lead Waste Disposal - 55 Gallon Drum	0	DRUM	$350.00	$0
Lead Waste Disposal - Transportation (Applys to Bulk Only)	0	EVENT	$3,000.00	$0
Misc. Supplies (@ 10% of job) (includes 55 gal. drums, signs, poly, bags, tyvek, etc)				$0
Lead-Based Paint Abatement Estimate				**$0**

Total Abatement Estimate $39,081

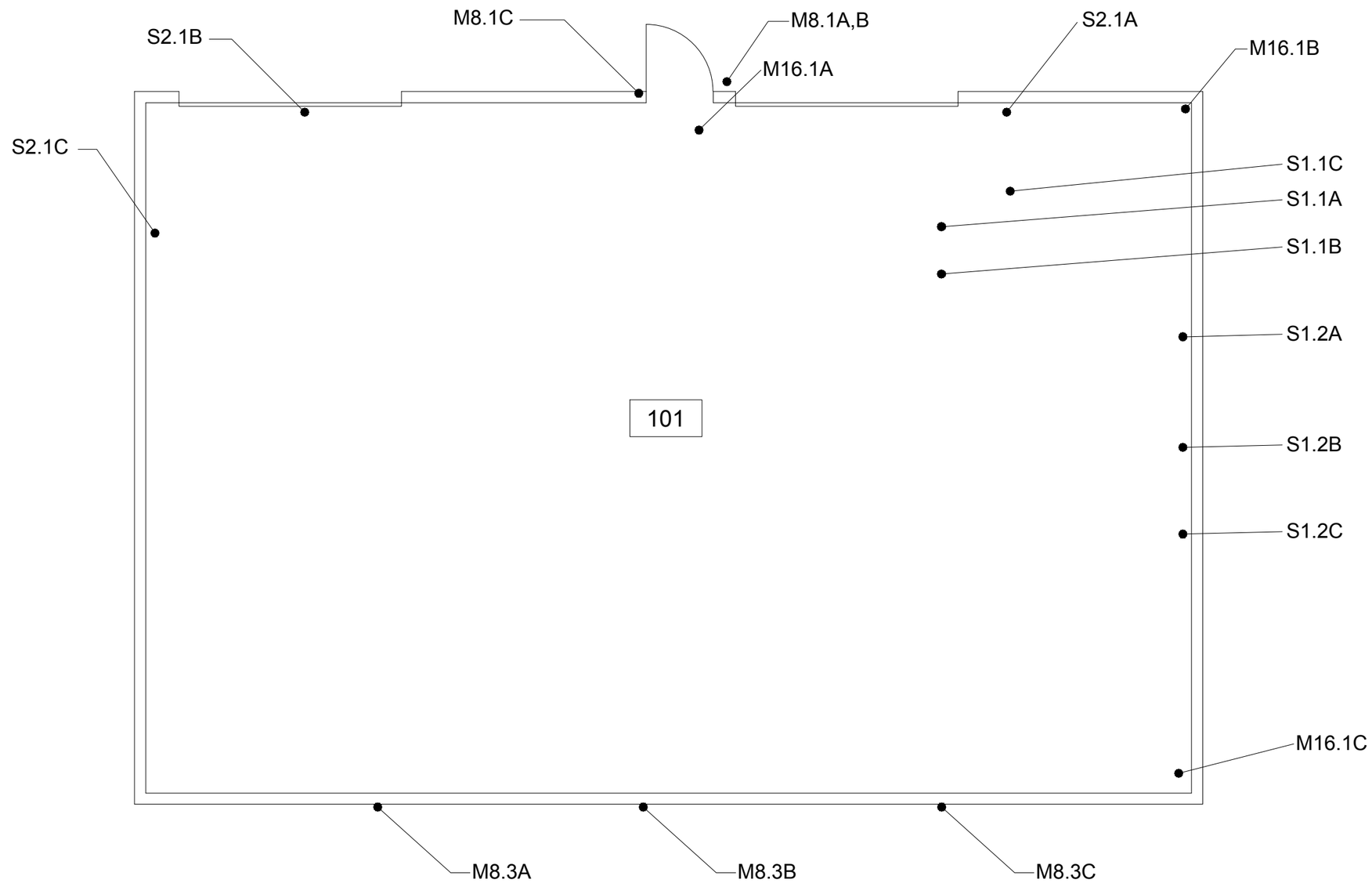
FIGURES

Figure Set 1 - Asbestos Sample Location Diagrams

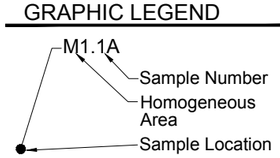
Figure Set 2 - Asbestos-Containing Material Location Diagrams

Figure Set 3 - Lead-Based Paint and PCB Ballast Location Diagrams

WAREHOUSE 1



GRAPHIC LEGEND



SHEET NOTES LEGEND

1. SAMPLES M8.2A, B, C WERE COLLECTED AT THE JOINT OF THE METAL ROOF W. SIDE

FIRST FLOOR SAMPLE LOCATION PLAN

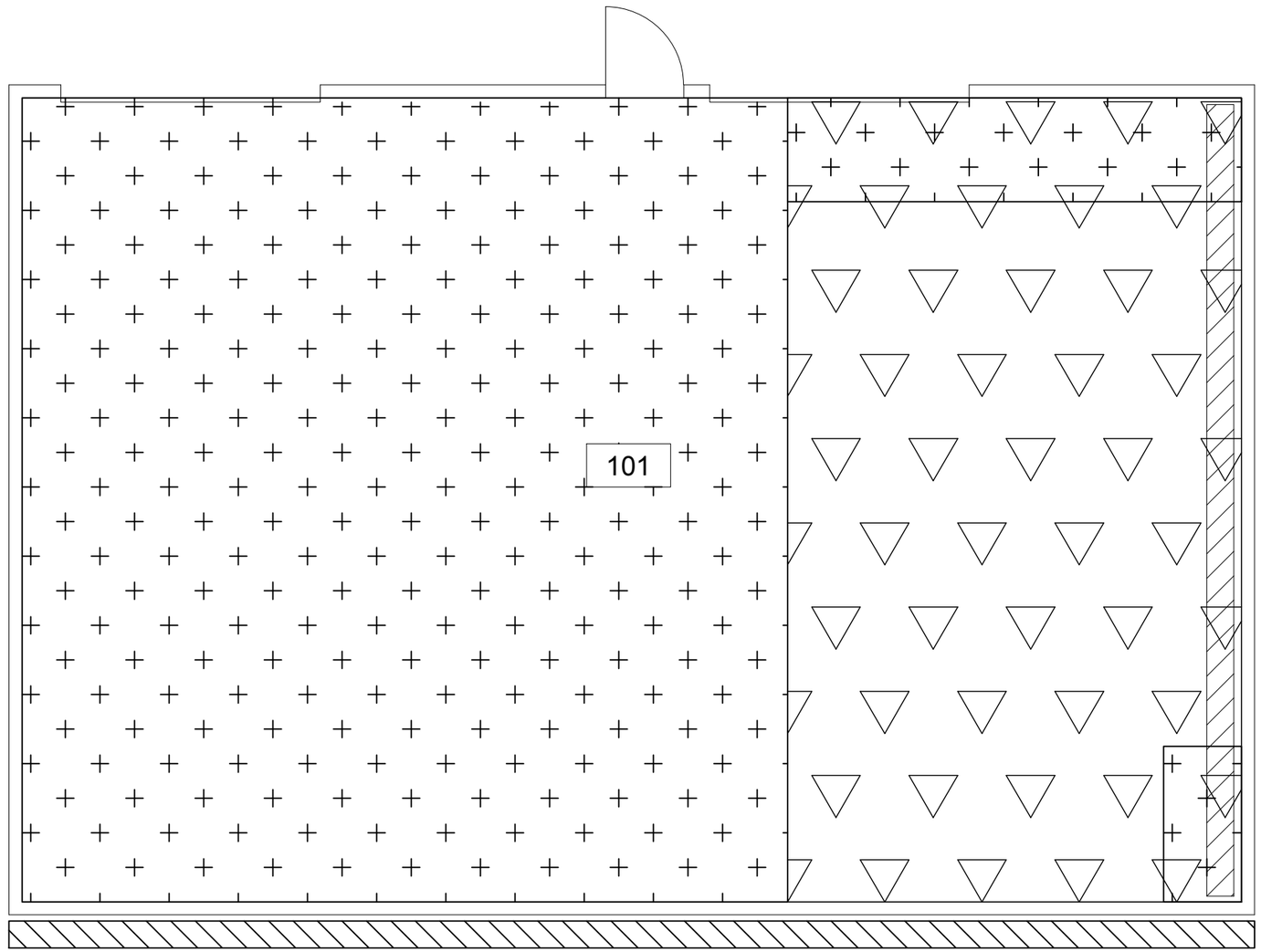
SCALE: 3/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Warehouse 1
DRAWN BY:	CS, JS		
CHK BY:	KO	LOCATION:	BILLINGS, MT
CAD FILE:	1023-015.dwg	NIH PROJECT NUMBER:	1023-015

FIG. 1.1: FIRST FLOOR ASBESTOS SAMPLE LOCATION PLAN

WAREHOUSE 1



GRAPHIC LEGEND

- FIREPROOFING ON METAL OR WOOD WALLS AND CEILING
- ROUGH TEXTURE ON INNER METAL WALL
- SMOOTH SURFACING ON METAL CEILING
- BLACK CAULK AT BASE OF METAL WALL

SHEET NOTES

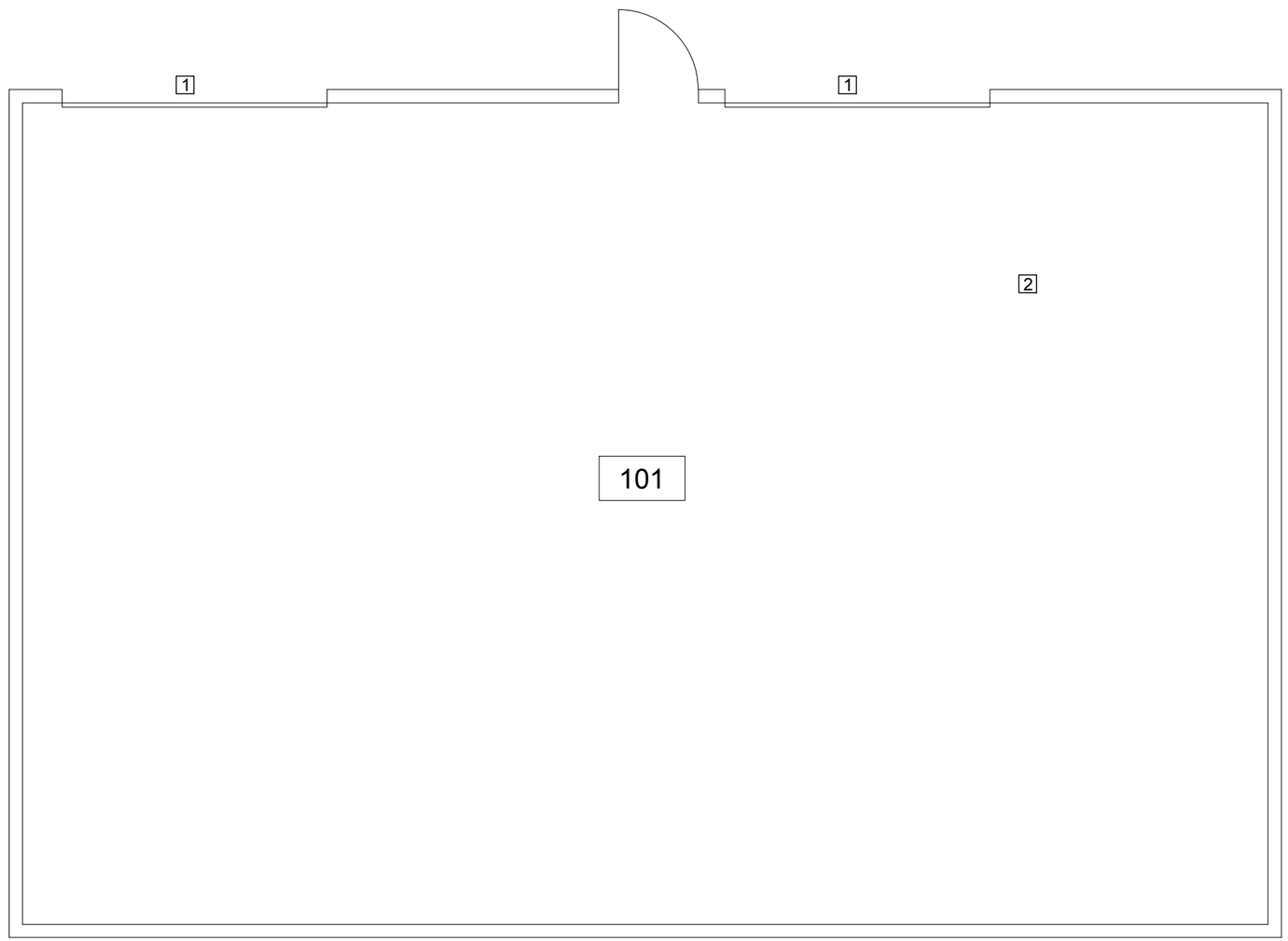
1. JOINTS OF METAL ROOF HAVE ASBESTOS - CONTAINING CAULK

FIRST FLOOR ACM LOCATION PLAN

SCALE: 3/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.	DATE: 2/24/16 DRAWN BY: CS, JS CHK BY: KO CAD FILE: 1023-015.dwg	PROJECT NAME: Frank Properties Warehouse 1 LOCATION: BILLINGS, MT NIH PROJECT NUMBER: 1023-015	FIG. 2.1: FIRST FLOOR ACM LOCATION PLAN

WAREHOUSE 1



KEY NOTES

1 LBP ON DOOR FRAME AND TRIM

2 PCB LIGHT BALLASTS

FIRST FLOOR LBP AND PCB LOCATION PLAN

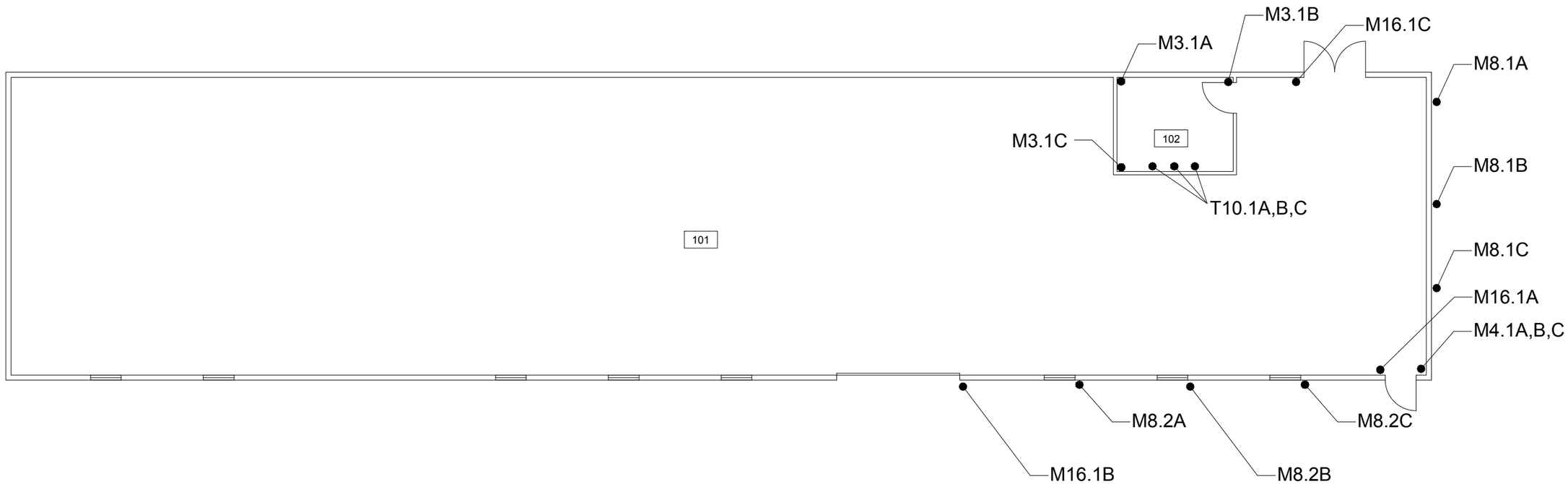
SCALE: 3/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

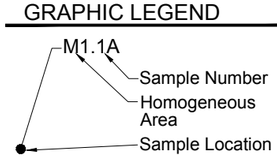
DATE:	2/24/16	PROJECT NAME:	Frank Properties Warehouse 1
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

FIG. 3.1: FIRST FLOOR LBP AND PCB LOCATION PLAN

WAREHOUSE 2



GRAPHIC LEGEND

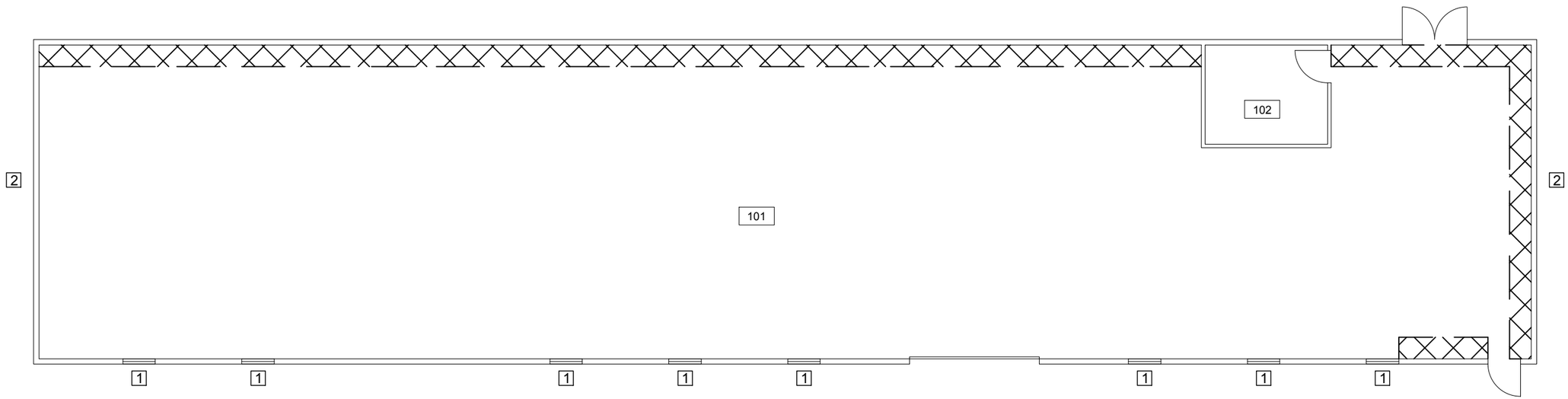


FIRST FLOOR SAMPLE LOCATION PLAN

SCALE: 3/32" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.	DATE: 2/24/16 DRAWN BY: CS, JS CHK BY: KO CAD FILE: 1023-015.dwg	PROJECT NAME: Frank Properties Warehouse 2 LOCATION: BILLINGS, MT NIH PROJECT NUMBER: 1023-015		FIG. 1.2: FIRST FLOOR ASBESTOS SAMPLE LOCATION PLAN

WAREHOUSE 2



GRAPHIC LEGEND

TRANSITE WALL PANELS

SHEET NOTES

1. BUILT-UP ROOF IS ASSUMED TO CONTAIN ASBESTOS.

KEY NOTES

1 ACM WINDOW CAULK

2 ACM LOWER METAL WALL CAULK

FIRST FLOOR ACM LOCATION PLAN

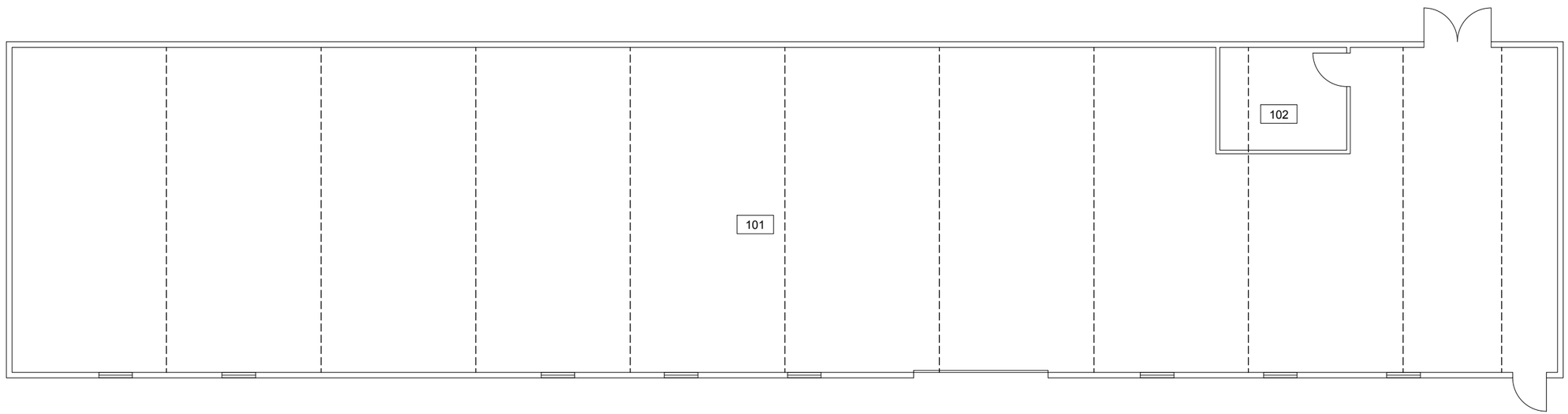
SCALE: 3/32" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Warehouse 2
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

FIG. 2.2: FIRST FLOOR ACM LOCATION PLAN

WAREHOUSE 2



GRAPHIC LEGEND

LBP IN METAL ROOF TRUSSES

SHEET NOTES

1. NO PCB CONTAINING BALLASTS IDENTIFIED

FIRST FLOOR LBP AND PCB LOCATION PLAN

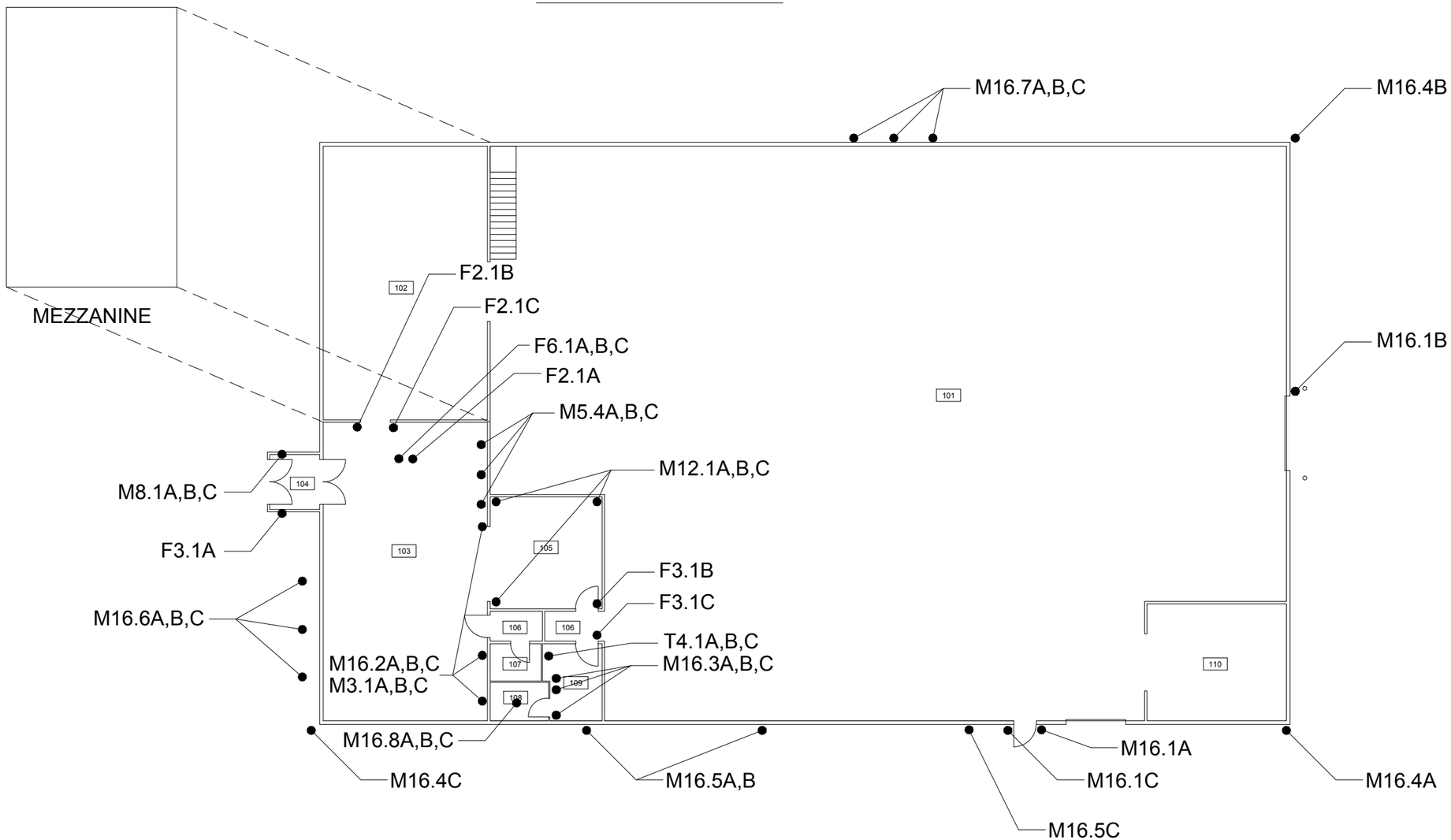
SCALE: 3/32" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

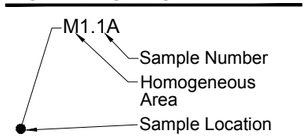
DATE:	2/24/16	PROJECT NAME:	Frank Properties Warehouse 2
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

FIG. 3.2: FIRST FLOOR LBP AND PCB LOCATION PLAN

WAREHOUSE 3



GRAPHIC LEGEND



SHEET NOTES

1. FIBERGLASS INSULATION (T10.1) WAS SAMPLED ABOVE THE CEILING IN ROOM 103
2. SAMPLE GROUPS M5.1, M5.2, AND M5.3 (CEILING PANELS) WERE ALL COLLECTED AT VARIOUS LOCATIONS IN ROOM 103

FIRST FLOOR SAMPLE LOCATION PLAN

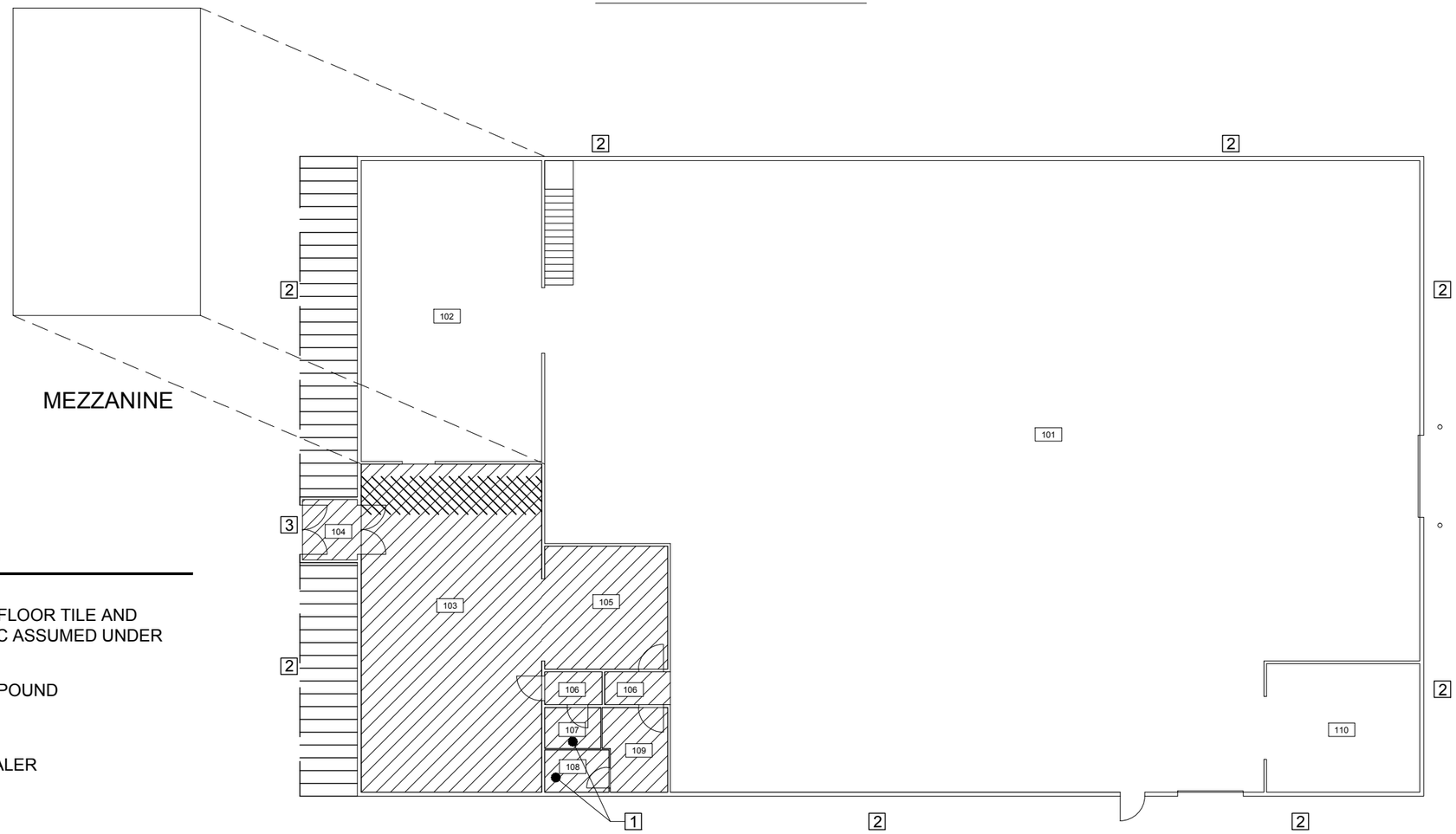
SCALE: 1/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Warehouse 3
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

FIG. 1.3: FIRST FLOOR ASBESTOS SAMPLE LOCATION PLAN

WAREHOUSE 3



GRAPHIC LEGEND

- 9"x9" or 12"x12" FLOOR TILE AND MASTIC (MASTIC ASSUMED UNDER 12" TILE)
- LEVELING COMPOUND
- CONCRETE SEALER

SHEET NOTES

1. ROOF (M1.1) IS ASSUMED TO CONTAIN ASBESTOS.
2. COVE BASE MASTIC IS ASBESTOS-CONTAINING, LOCATED IN ROOM 103, 104, 105, 106, 107, 108, 109.

KEY NOTES

1 ACM REFLECTIVE LIGHT BACKING

2 VERMICULITE IN EXTERIOR CMU WALL CAVITIES

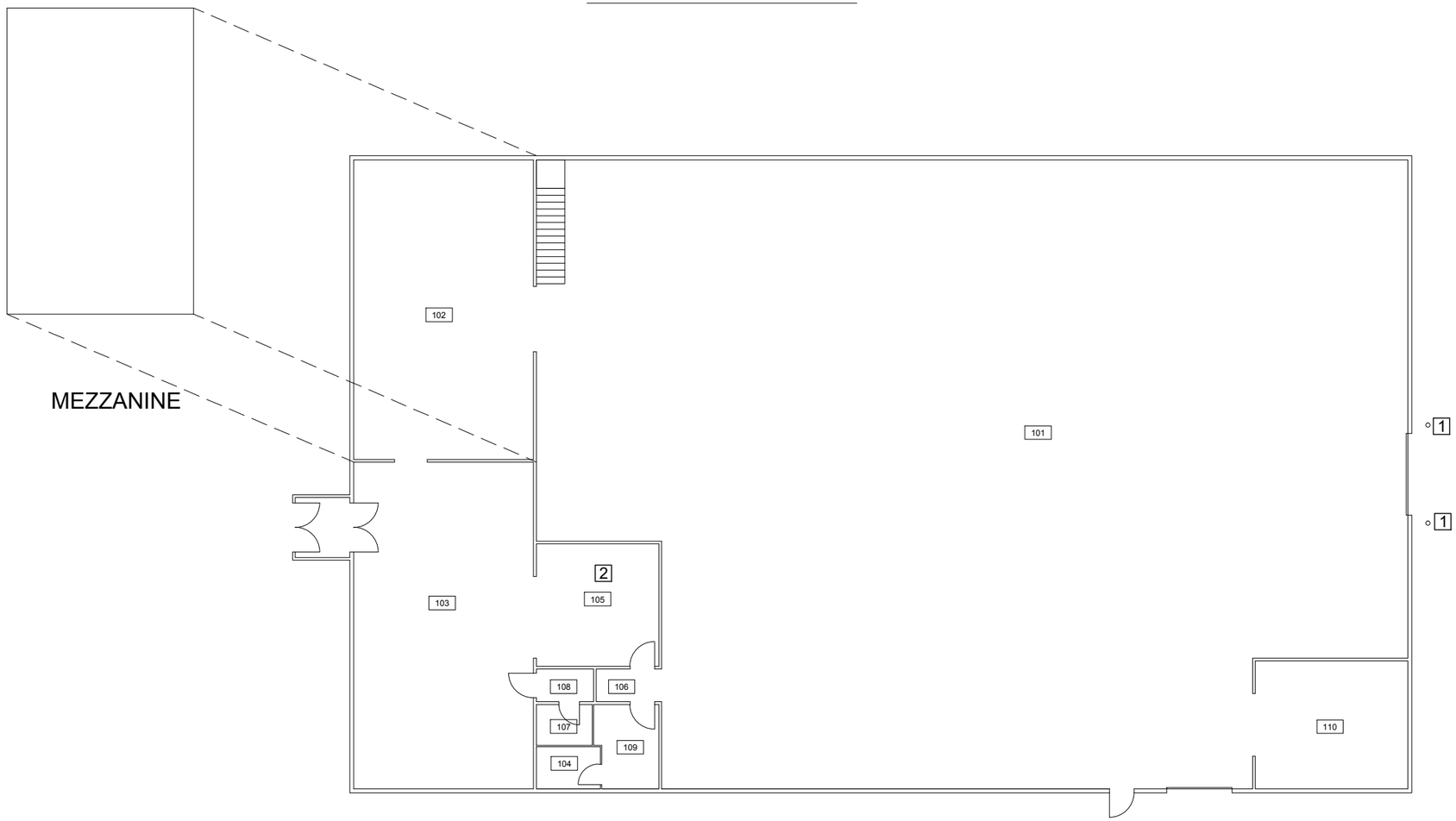
3 DOOR CAULK

FIRST FLOOR ACM LOCATION PLAN

SCALE: 1/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.	DATE: 2/24/16 DRAWN BY: CS, JS CHK BY: KO CAD FILE: 1023-015.dwg	PROJECT NAME: Frank Properties Warehouse 3 LOCATION: BILLINGS, MT NIH PROJECT NUMBER: 1023-015	FIG. 2.3: FIRST FLOOR ACM LOCATION PLAN

WAREHOUSE 3



FIRST FLOOR LBP AND PCB LOCATION PLAN

SCALE: 1/16" = 1'-0"

KEY NOTES

1 LBP ON PARKING BALLARDS

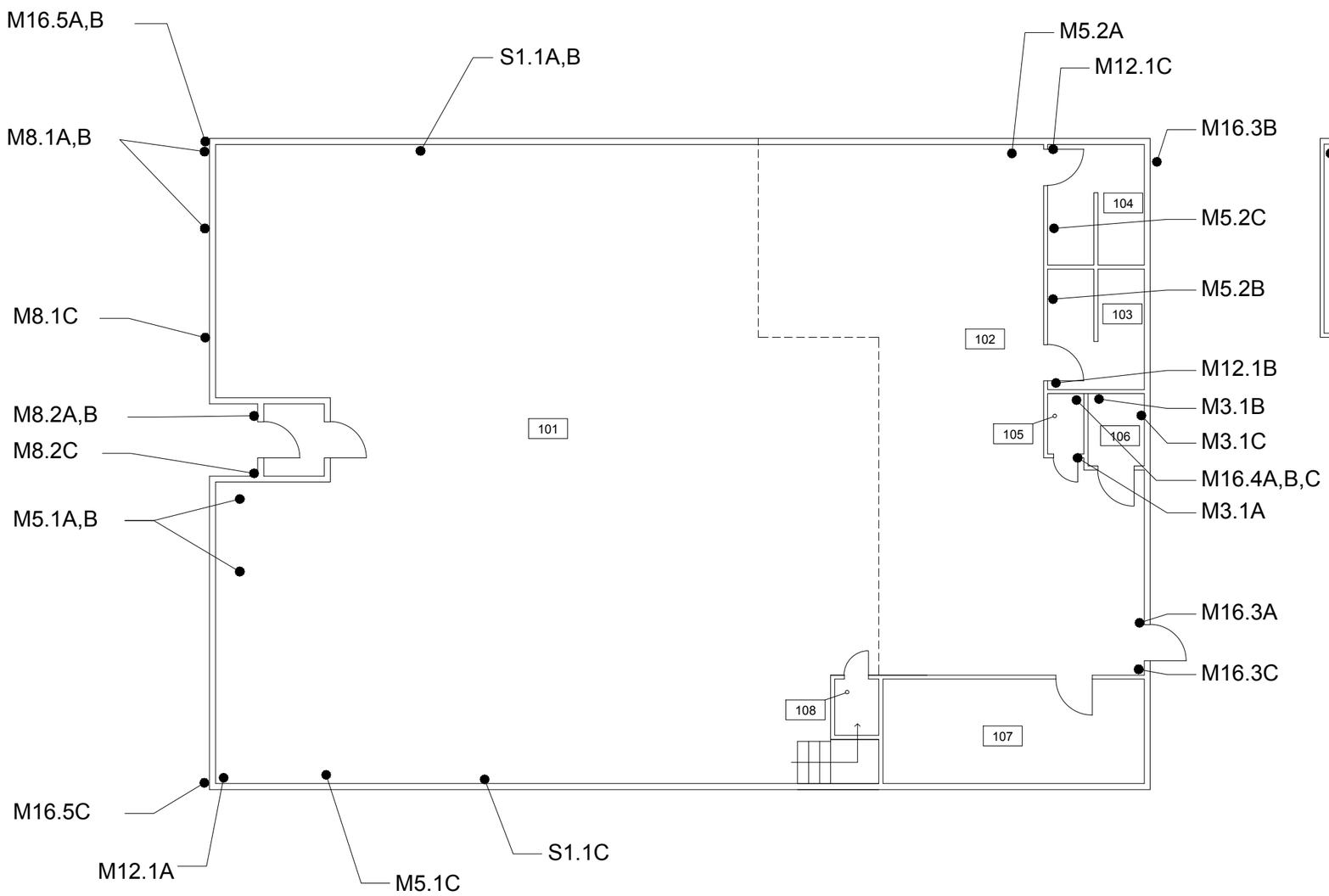
2 PCB CONTAINING LIGHT BALLAST

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Warehouse 3
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

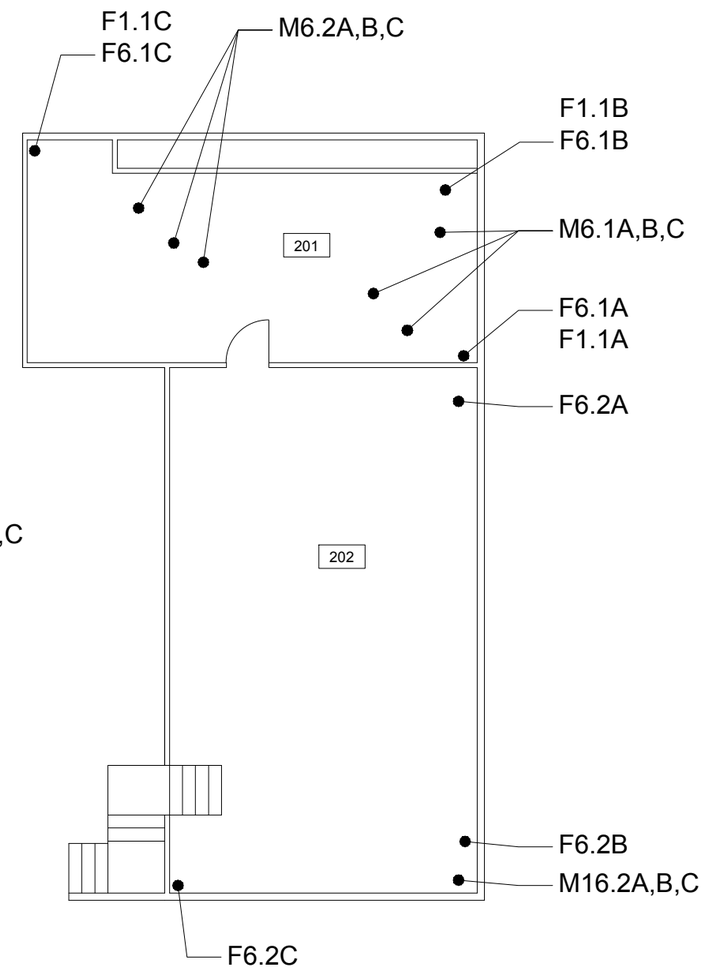
FIG. 3.3: FIRST FLOOR LBP AND PCB LOCATION PLAN

WESTERN RANCH SUPPLY STORE



FIRST FLOOR SAMPLE LOCATION PLAN

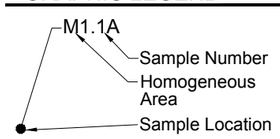
SCALE: 3/32" = 1'-0"



SECOND FLOOR SAMPLE LOCATION PLAN

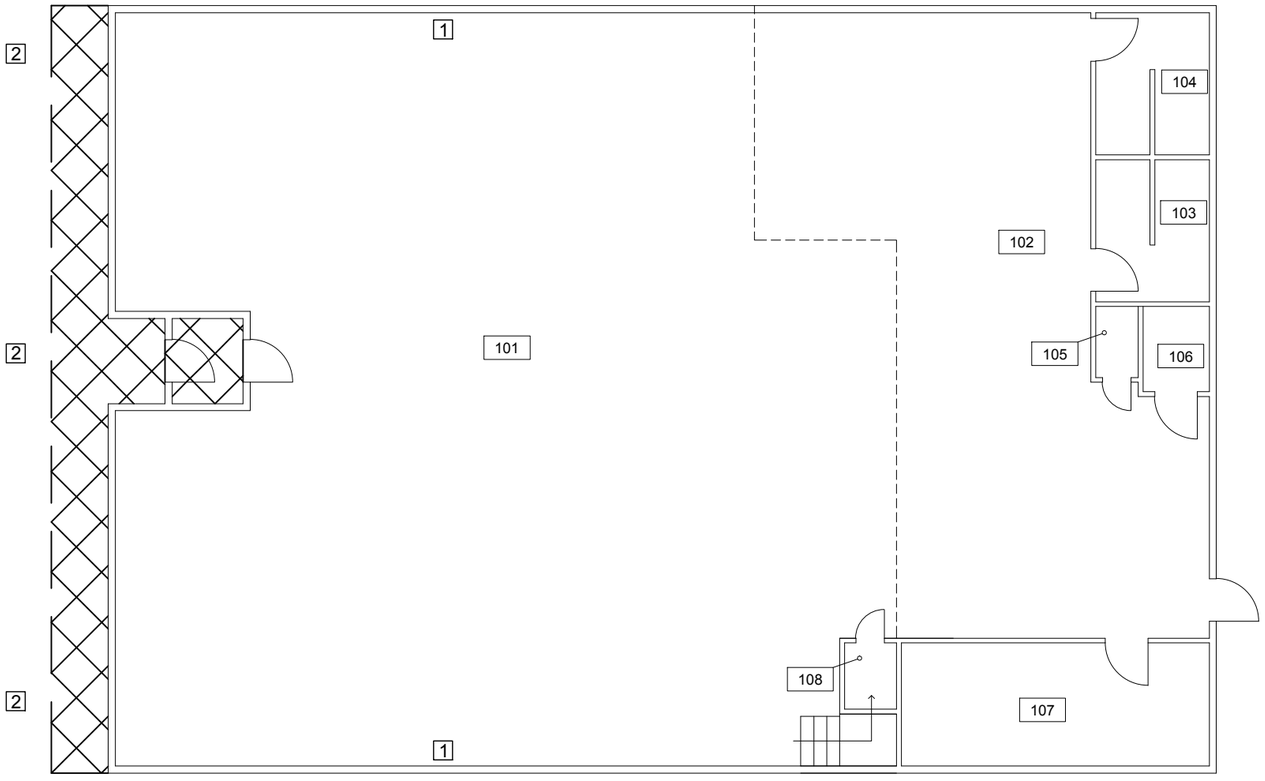
SCALE: 3/32" = 1'-0"

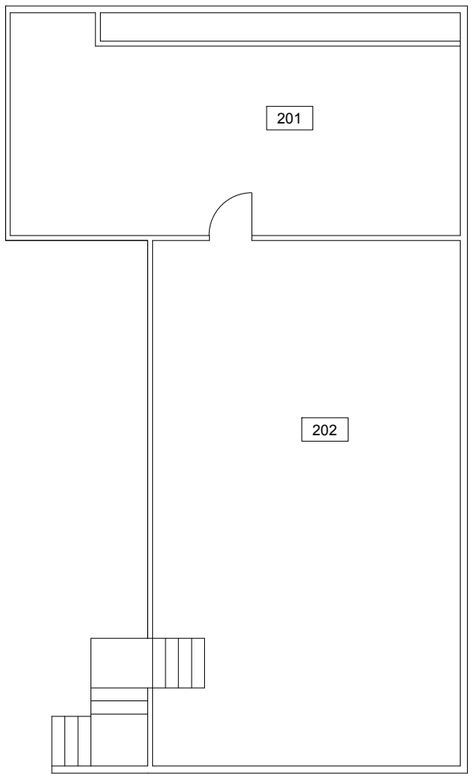
GRAPHIC LEGEND



NORTHERN INDUSTRIAL HYGIENE, INC.	DATE: 2/24/16 DRAWN BY: CS, JS CHK BY: KO CAD FILE: 1023-015.dwg	PROJECT NAME: Frank Properties Western Ranch Supply Store LOCATION: BILLINGS, MT NIH PROJECT NUMBER: 1023-015	FIG. 1.5: FIRST AND SECOND FLOOR ASBESTOS SAMPLE LOCATION PLAN

WESTERN RANCH SUPPLY STORE





GRAPHIC LEGEND

TRANSITE SOFFIT PANELS (ASSUMED)

SHEET NOTES

1. ASBESTOS WAS ASSUMED TO BE PRESENT IN FELT UNDER WOOD SHAKES (FRONT ENTRANCE) IN THE ROOF FINISH, AND IN THE ADHESIVE USED TO SECURE WOOD PANELING LOCATED ON THE SECOND FLOOR

FIRST FLOOR ACM LOCATION PLAN

SCALE: 3/32" = 1'-0"

SECOND FLOOR ACM LOCATION PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES

1 SURFACING ON METAL SUPPORT COLUMNS

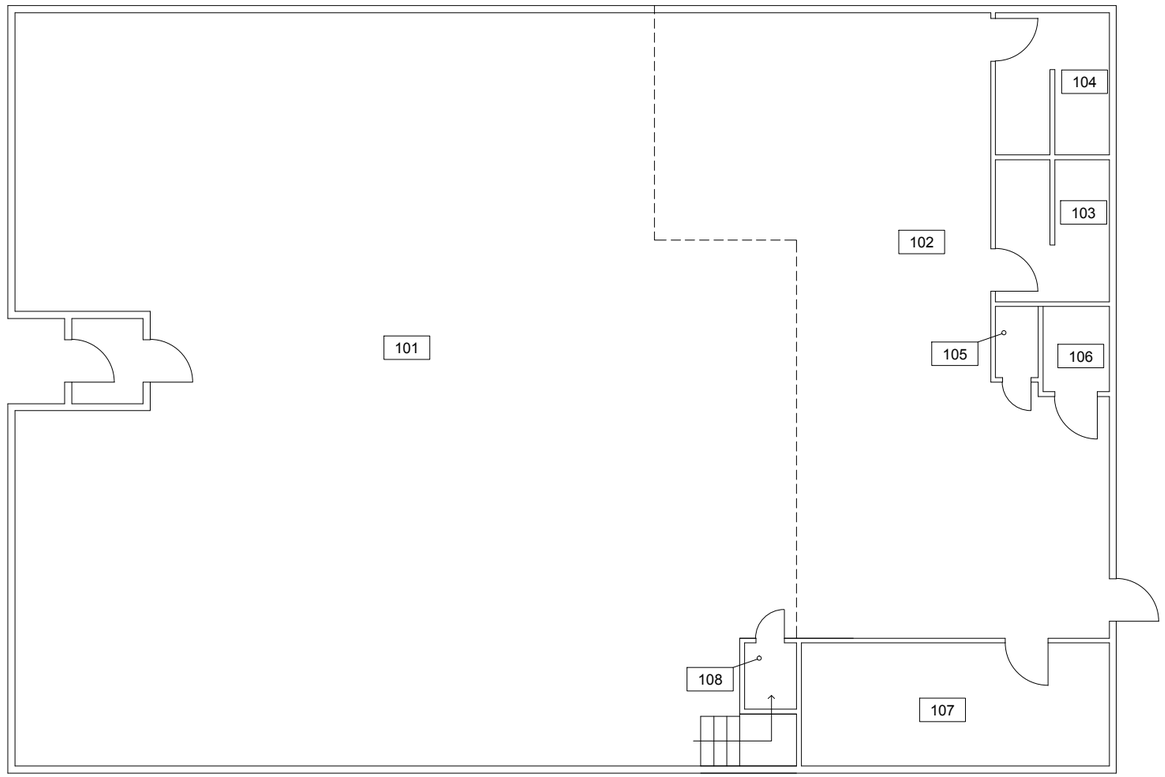
2 EXTERIOR DOOR/WINDOW CAULK

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Western Ranch Supply Store
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

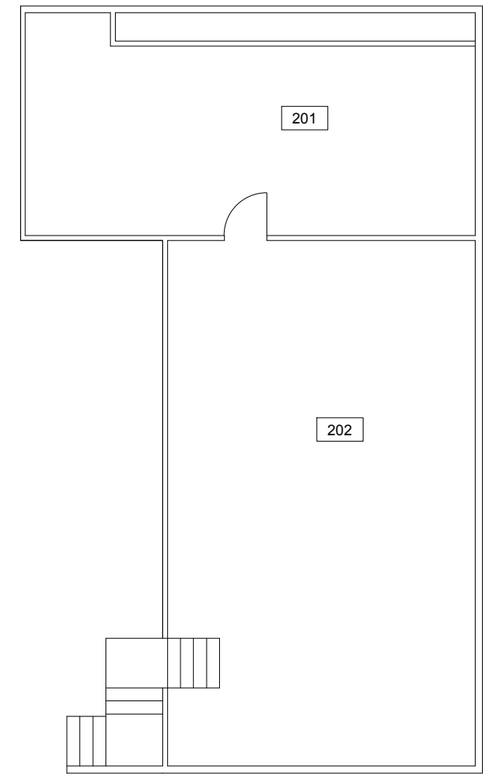
FIG. 2.5: FIRST AND SECOND FLOOR ACM LOCATION PLAN

WESTERN RANCH SUPPLY STORE



FIRST FLOOR LPB AND PCB LOCATION PLAN

SCALE: 3/32" = 1'-0"



SECOND FLOOR LBP AND PCB LOCATION PLAN

SCALE: 3/32" = 1'-0"

SHEET NOTES

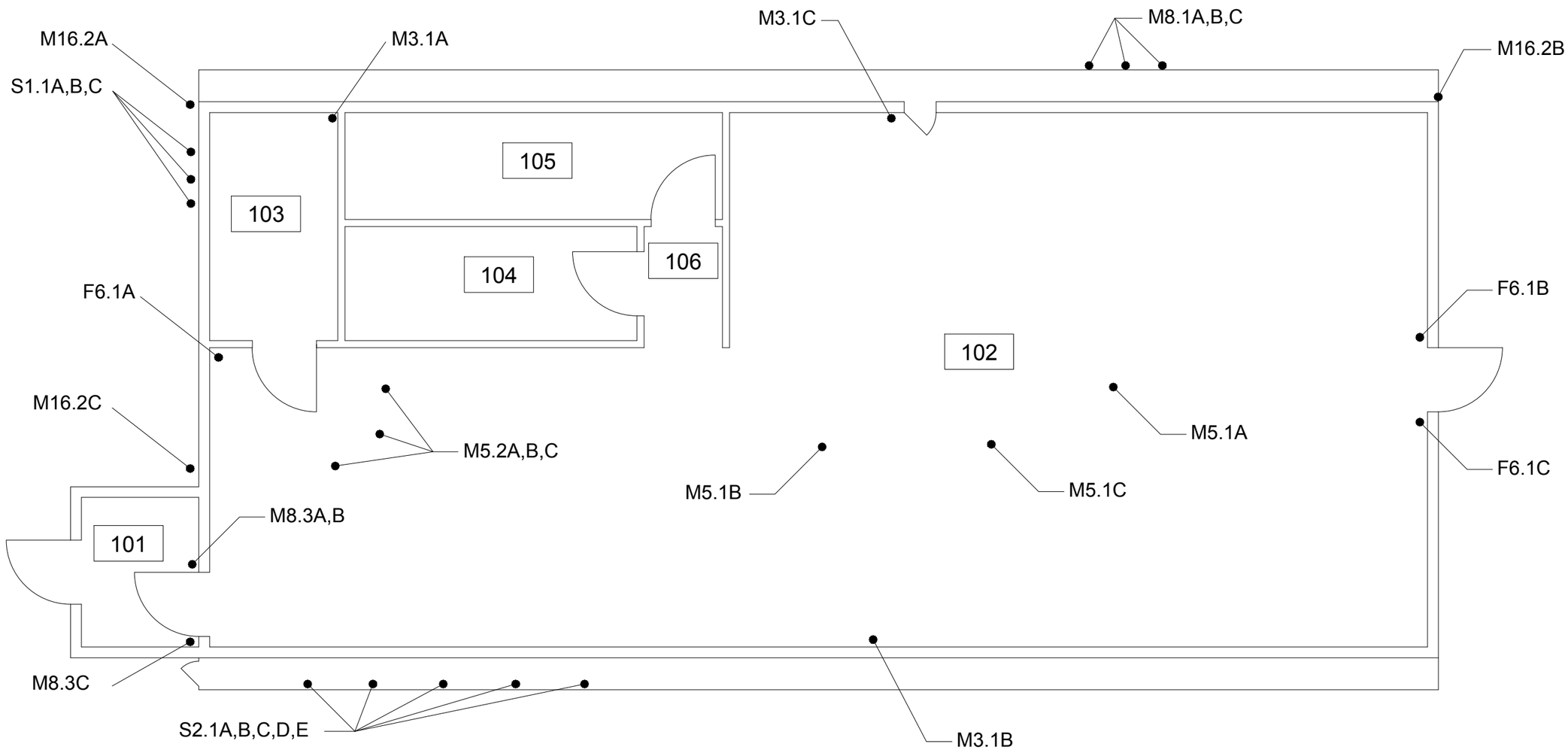
1. NO LBP IDENTIFIED
2. NO PCB - CONTAINING BALLASTS IDENTIFIED

NORTHERN INDUSTRIAL HYGIENE, INC.

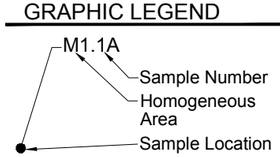
DATE:	2/24/16	PROJECT NAME:	Frank Properties Western Ranch Supply Store
DRAWN BY:	CS, JS		
CHK BY:	KO	LOCATION:	BILLINGS, MT
CAD FILE:	1023-015.dwg	NIH PROJECT NUMBER:	1023-015

FIG. 3.5: FIRST AND SECOND FLOOR LBP AND PCB LOCATION PLAN

OFFICE BUILDING



GRAPHIC LEGEND



SHEET NOTES

1. SAMPLES M16.1A,B,C (FIBERGLASS) WERE COLLECTED ABOVE DROP CEILING
2. SAMPLES M8.2A,B,C (CAULK) WERE COLLECTED FROM THE ROOF - SOUTH SIDE

FIRST FLOOR SAMPLE LOCATION PLAN

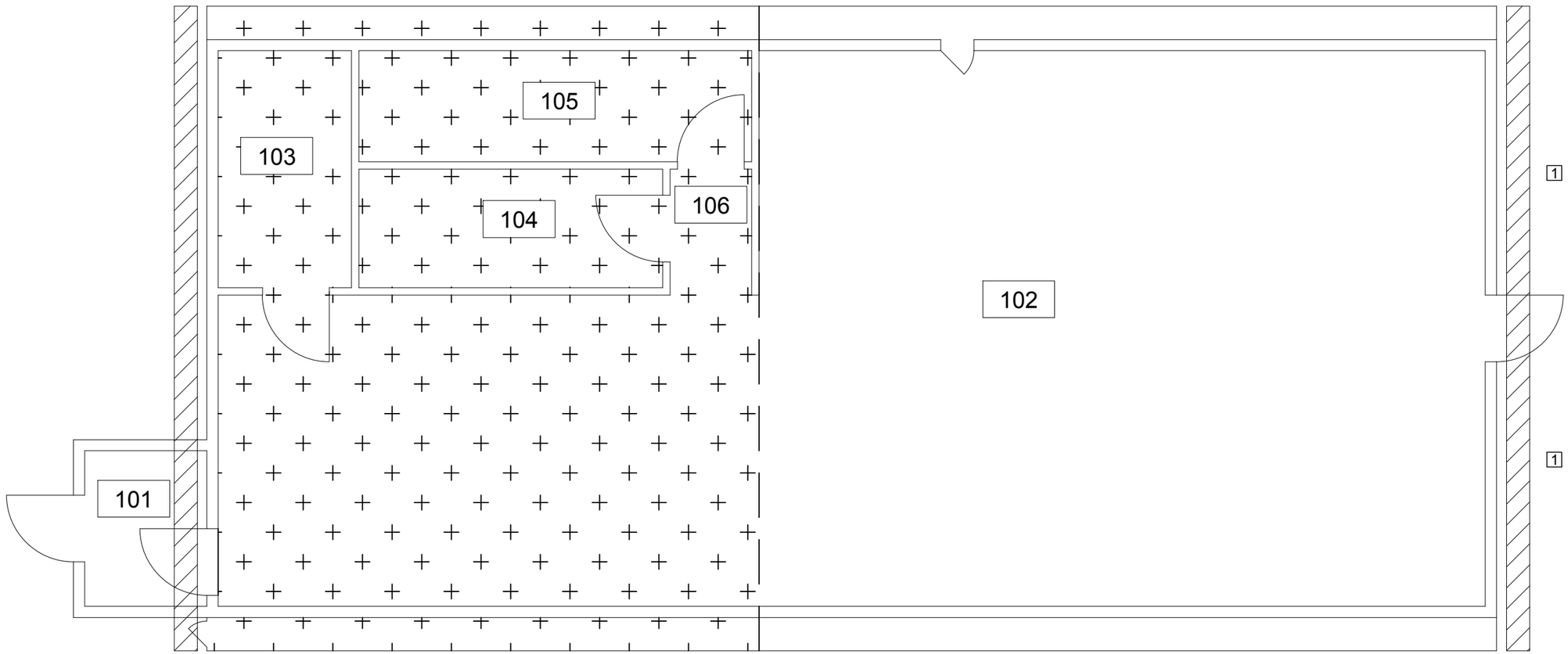
SCALE: 3/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Office Building
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

FIG. 1.4: FIRST FLOOR ASBESTOS SAMPLE LOCATION PLAN

OFFICE BUILDING



GRAPHIC LEGEND

FIREPROOFING ON UNDERSIDE OF METAL SHELL (ATTIC AND UTILITY CHASES)

EXTERIOR METAL SIDING SURFACING (UNDER WOOD)

SHEET NOTES

1. JOINTS OF METAL ROOF HAVE ASBESTOS - CONTAINING CAULK
2. EXTERIOR METAL ROOF IS COATED WITH S1.1.

SHEET NOTES

1 FELT UNDER EXTERIOR SIDING (ASSUMED)

FIRST FLOOR ACM LOCATION PLAN

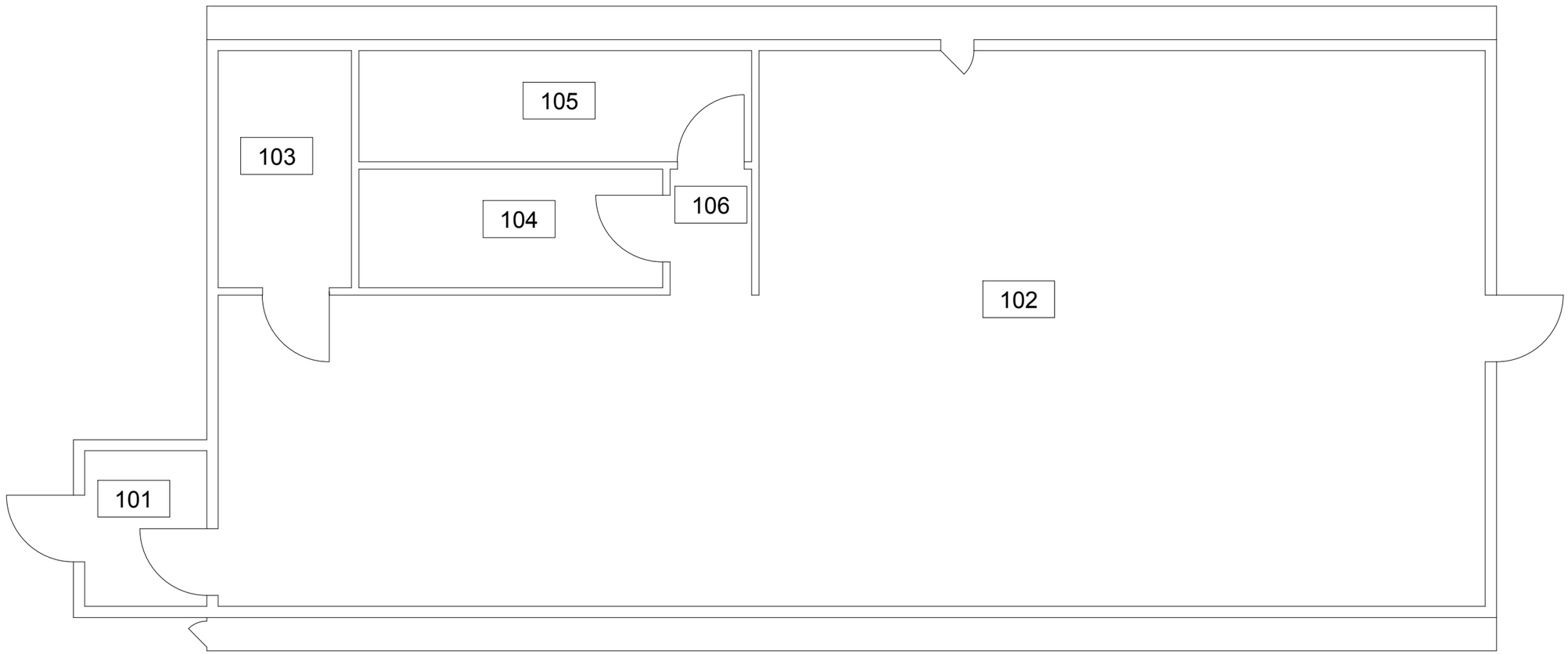
SCALE: 3/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Office Building
DRAWN BY:	CS, JS	LOCATION:	BILLINGS, MT
CHK BY:	KO	NIH PROJECT NUMBER:	1023-015
CAD FILE:	1023-015.dwg		

FIG. 2.4: FIRST FLOOR ACM LOCATION PLAN

OFFICE BUILDING



SHEET NOTES

1. NO LBP IDENTIFIED
2. NO PCB - CONTAINING BALLASTS IDENTIFIED

FIRST FLOOR LBP AND PCB LOCATION PLAN

SCALE: 3/16" = 1'-0"

NORTHERN INDUSTRIAL HYGIENE, INC.

DATE:	2/24/16	PROJECT NAME:	Frank Properties Office Building
DRAWN BY:	CS, JS		
CHK BY:	KO	LOCATION:	BILLINGS, MT
CAD FILE:	1023-015.dwg	NIH PROJECT NUMBER:	1023-015

FIG. 3.4: FIRST FLOOR LBP AND PCB LOCATION PLAN

APPENDIX A

ASBESTOS LABORATORY ANALYSIS REPORTS

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/17/2016

Kari Taylor
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00175
Project Location *Franks Building - WRS Office*

Dear Kari Taylor,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **F6.1A** Lab Sample Number: **16-00175.0001**
Client Sample Description: **Brown Carpet with Adhesive**
Client Sample Location: **Utility Room Door 103**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Multicolored woven fibers with white adhesive on gray foam backing**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	5% Fiberglass	10% Filler and Binder
	50% Synthetic	35% Foam

Comments: **Materials distinguishable but inseparable**

Layer 2 **Orange pliable on white compressed powder with brown brittle material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	98% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **F6.1B** Lab Sample Number: **16-00175.0002**
Client Sample Description: **Brown Carpet with Adhesive**
Client Sample Location: **Front Door**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Multicolored woven fibers with white adhesive on gray foam backing**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	5% Fiberglass	10% Filler and Binder
	50% Synthetic	35% Foam

Comments: **Materials distinguishable but inseparable**

Layer 2 **Orange pliable on white compressed powder with brown brittle material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	98% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **F6.1C** Lab Sample Number: **16-00175.0003**
Client Sample Description: **Brown Carpet with Adhesive**
Client Sample Location: **Front Door**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Layer 1 **Multicolored woven fibers with white adhesive on gray foam backing**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	5% Fiberglass	10% Filler and Binder
	50% Synthetic	35% Foam

Comments: **Materials distinguishable but inseparable**

Layer 2 **Orange pliable on white compressed powder with brown brittle material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	3% Cellulose	97% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M3.1A**
Client Sample Description: **Gypsum Board System**
Client Sample Location: **Utility Room 103**
Sample Comments:

Lab Sample Number: **16-00175.0004**
Checked If Sample Not Analyzed ☐

Layer 1 **White compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	99% Filler and Binder

Layer 2 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	40% Cellulose	60% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M3.1B**
Client Sample Description: **Gypsum Board System**
Client Sample Location: **Room 102 - North Wall**
Sample Comments:

Lab Sample Number: **16-00175.0005**
Checked If Sample Not Analyzed ☐

Layer 1 **White compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	99% Filler and Binder

Layer 2 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	65% Filler and Binder

Comments: **Materials distinguishable but inseparable**

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **M3.1C** Lab Sample Number: **16-00175.0006**
Client Sample Description: **Gypsum Board System**
Client Sample Location: **Room 102 - South Wall**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Tan paper on white compressed chalky powder

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	70% Filler and Binder

Client Sample Number: **M5.1A** Lab Sample Number: **16-00175.0007**
Client Sample Description: **2' X 4' Lay-in Ceiling Panels - Punch/Pinholes**
Client Sample Location: **Room 102**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on beige fibrous material with brown brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	7% Cellulose	48% Filler and Binder
	40% Mineral Wool and Beads	5% Paint

Client Sample Number: **M5.1B** Lab Sample Number: **16-00175.0008**
Client Sample Description: **2' X 4' Lay-in Ceiling Panels - Punch/Pinholes**
Client Sample Location: **Room 102**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on beige fibrous material with brown brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	5% Cellulose	50% Filler and Binder
	40% Mineral Wool and Beads	5% Paint

Client Sample Number: **M5.1C** Lab Sample Number: **16-00175.0009**
Client Sample Description: **2' X 4' Lay-in Ceiling Panels - Punch/Pinholes**
Client Sample Location: **Room 102**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on beige fibrous material with brown brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	6% Cellulose	49% Filler and Binder
	40% Mineral Wool and Beads	5% Paint

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

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Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **M8.1A** Lab Sample Number: **16-00175.0010**
Client Sample Description: **Exterior Window Caulk**
Client Sample Location: **South Window**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Dust on gray and white semi-flexible material

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
5% Dust Particles
95% Filler and Binder

Client Sample Number: **M8.1B** Lab Sample Number: **16-00175.0011**
Client Sample Description: **Exterior Window Caulk**
Client Sample Location: **South Window**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Dust on gray and white semi-flexible material

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
5% Dust Particles
95% Filler and Binder

Client Sample Number: **M8.1C** Lab Sample Number: **16-00175.0012**
Client Sample Description: **Exterior Window Caulk**
Client Sample Location: **Southwest Window**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Dust on gray and white semi-flexible material

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
5% Dust Particles
95% Filler and Binder

Client Sample Number: **M16.1A** Lab Sample Number: **16-00175.0013**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Attic Area**
Sample Comments: Checked If Sample Not Analyzed ☐

Pink fibrous material

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:
95% Fiberglass

Non-Fibrous Components:
5% Miscellaneous Particles

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

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Billings, MT • Helena, MT • Seattle, WA

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **M16.1B** Lab Sample Number: **16-00175.0014**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Attic Area**
Sample Comments: Checked If Sample Not Analyzed ☐

Pink fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	95% Fiberglass	5% Miscellaneous Particles

Client Sample Number: **M16.1C** Lab Sample Number: **16-00175.0015**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Attic Area**
Sample Comments: Checked If Sample Not Analyzed ☐

Pink fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	95% Fiberglass	5% Miscellaneous Particles

Client Sample Number: **M16.2A** Lab Sample Number: **16-00175.0016**
Client Sample Description: **Concrete**
Client Sample Location: **Foundation**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	62% Aggregate
		37% Filler and Binder

Client Sample Number: **M16.2B** Lab Sample Number: **16-00175.0017**
Client Sample Description: **Concrete**
Client Sample Location: **Foundation**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	60% Aggregate
		39% Filler and Binder

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **M16.2C** Lab Sample Number: **16-00175.0018**
Client Sample Description: **Concrete**
Client Sample Location: **Foundation**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	62% Aggregate
		37% Filler and Binder

Client Sample Number: **S1.1A** Lab Sample Number: **16-00175.0019**
Client Sample Description: **Exterior Metal Surfacing**
Client Sample Location: **Exterior - East Side**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Green paint on lumpy powdery material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
3% Chrysotile Asbestos	2% Cellulose	65% Filler and Binder
		30% Paint

Client Sample Number: **S1.1B** Lab Sample Number: **16-00175.0020**
Client Sample Description: **Exterior Metal Surfacing**
Client Sample Location: **Exterior - East Side**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S1.1C** Lab Sample Number: **16-00175.0021**
Client Sample Description: **Exterior Metal Surfacing**
Client Sample Location: **Exterior - East Side**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S2.1A** Lab Sample Number: **16-00175.0022**
Client Sample Description: **Fireproofing**
Client Sample Location: **Room 107 - North Access**
Sample Comments: Checked If Sample Not Analyzed ☐

Tan fibrous lumpy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
7% Chrysotile Asbestos	3% Cellulose	50% Filler and Binder
	10% Fiberglass	30% Vermiculite

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00175**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **S2.1B** Lab Sample Number: **16-00175.0023**
Client Sample Description: **Fireproofing**
Client Sample Location: **Room 107 - North Access**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S2.1C** Lab Sample Number: **16-00175.0024**
Client Sample Description: **Fireproofing**
Client Sample Location: **Room 107 - North Access**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S2.1D** Lab Sample Number: **16-00175.0025**
Client Sample Description: **Fireproofing**
Client Sample Location: **Room 107 - North Access**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S2.1E** Lab Sample Number: **16-00175.0026**
Client Sample Description: **Fireproofing**
Client Sample Location: **Room 107 - North Access**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M5.2A** Lab Sample Number: **16-00175.0027**
Client Sample Description: **2' X 4' Lay-in Ceiling Panels - Fissures/Pinholes**
Client Sample Location: **Room 102**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on off-white fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	25% Cellulose	50% Filler and Binder
	20% Mineral Wool and Beads	5% Paint

Client Sample Number: **M5.2B** Lab Sample Number: **16-00175.0028**
Client Sample Description: **2' X 4' Lay-in Ceiling Panels - Fissures/Pinholes**
Client Sample Location: **Room 102**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on off-white fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	25% Cellulose	50% Filler and Binder
	20% Mineral Wool and Beads	5% Paint

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Rachel Melgoza **2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.		NIH Batch Number:	**16-00175**
201 South 30th Street		Client Job Number:	**1023-015**
Billings, MT 59101-		Turn Around Time:	**48 Hour**
Project Location:	*Franks Building - WRS Office*	Samples Analyzed:	**23**

Client Sample Number:	**M5.2C**	Lab Sample Number:	**16-00175.0029**
Client Sample Description:	**2' X 4' Lay-in Ceiling Panels - Fissures/Pinholes**		
Client Sample Location:	**Room 102**		
Sample Comments:	**Materials distinguishable but inseparable**	Checked If Sample Not Analyzed	☐

White paint on off-white fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	25% Cellulose	50% Filler and Binder
	20% Mineral Wool and Beads	5% Paint

Sampled by:	**Kari Taylor**	**2/16/2016**
Received by:	**Regina Mirabal**	**2/17/2016**
Analyzed by:	**Rachel Melgoza**	**2/17/2016**

Rachel Melgoza

Reviewed 2/17/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor
Kariwer@bridgeband.com

NIH Lab Batch ID:	16-000175
Project Name:	Franks Building - WRS Office
Project Number:	1023-015 C
Date Samples Taken:	2/10/16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 1 of 2

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
000 1	F6.1A	Brown carpet w/ adhesive	Utility Room Door (103)
2	B	↓	Front Door
3	C	↓	↓
4	M3.1A	Gypsum board system	Utility Room (103)
5	B	↓	102 N. Wall
6	C	↓	102 S. Wall
7	M5.1A	2'x4' lay-in ceiling panels	Rm 102
8	B	punch & pinhole	↓
9	C	↓	↓
10	M8.1A	Exterior window caulk	South Window
11	B	↓	South ↓
12	C	↓	S.W. ↓
13	M16.1A	Fiberglass insulation	Attic Area
14	B	↓	↓
15	C	↓	↓
16	M16.2A	Concrete	Foundation
17	B	↓	↓
18	C	↓	↓
19	S1.1A	Exterior metal surfacing	Exterior - E. Side
20	B	↓	↓
21	C	↓	↓

Special Instructions: Analyze Group Method - Stop at First Positive X Yes ___ No

Number of samples shipped this page:	21
Total number of samples shipped:	29

Relinquished By:	Date: 2/16/16	Time: 5pm	Firm: NIH
Received By:	Date: 2/17/16	Time: 0935	Firm: NIH Burn
Analyzed By: Rachel Melgoza	Date: 02/17/16	Time: 1053	Firm: NIH Burn

Revised 01/20/15 RIM

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor

NIH Lab Batch ID:	16-00175
Project Name:	Franks Building-WBS office
Project Number:	1023-015
Date Samples Taken:	2/16/16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 2 of 2

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
0022	S21A	Fireproofing	Room 107-N access
23	B		
24	C		
25	D		
26	E		
27	M5.2A	2'x4' lay-in ceiling panels-fissures	Room 102
28	B	& pinholes	
29	C		

Special Instructions: Analyze Group Method - Stop at First Positive X **Yes** ___ **No**

Number of samples shipped this page: 8

Total number of samples shipped: 29

Relinquished By: [signature]	Date: 2/16/16	Time: 5pm	Firm: NIH
Received By: [signature]	Date: 2/17/16	Time: 9:35	Firm: NIH Billings
Analyzed By: Rachel [signature]	Date: 02/17/16	Time: 1053	Firm: NIH Billings

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/17/2016

Logan Silveira
Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00176
Project Location *Franks Buildings - WRS Store*

Dear Logan Silveira,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Jude Cummings

Reviewed by: Jude Cummings

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Buildings - WRS Store*

NIH Batch Number: **16-00176**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **21**

Client Sample Number: **F6.1A** Lab Sample Number: **16-00176.0001**
Client Sample Description: **Carpet - Gray**
Client Sample Location: **Room 201**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Gray, tan and white carpet fibers with off-white resdue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	92% Synthetic	2% Miscellaneous Particles
		6% Filler and Binder

Client Sample Number: **F6.1B** Lab Sample Number: **16-00176.0002**
Client Sample Description: **Carpet - Gray**
Client Sample Location: **Room 201**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Gray, tan and white carpet fibers with off-white resdue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	92% Synthetic	1% Miscellaneous Particles
		7% Filler and Binder

Client Sample Number: **F6.1C** Lab Sample Number: **16-00176.0003**
Client Sample Description: **Carpet - Gray**
Client Sample Location: **Room 201**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Gray, tan and white carpet fibers with off-white resdue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	95% Synthetic	1% Miscellaneous Particles
		4% Filler and Binder

Client Sample Number: **F6.2A** Lab Sample Number: **16-00176.0004**
Client Sample Description: **Carpet - Brown**
Client Sample Location: **Room 202**
Sample Comments: Checked If Sample Not Analyzed ☐

Orange, gray and white carpet fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	100% Synthetic	

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Jude Cummings **2/17/2016**

Jude Cummings

Reviewed 2/17/2016 by: Jude Cummings

NORTHERN INDUSTRIAL HYGIENE, INC.
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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Buildings - WRS Store*

NIH Batch Number: **16-00176**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **21**

Client Sample Number: **F6.2B** Lab Sample Number: **16-00176.0005**
Client Sample Description: **Carpet - Brown**
Client Sample Location: **Room 202**
Sample Comments: Checked If Sample Not Analyzed ☐

Orange, gray and white carpet fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	99% Synthetic	1% Miscellaneous Particles

Client Sample Number: **F6.2C** Lab Sample Number: **16-00176.0006**
Client Sample Description: **Carpet - Brown**
Client Sample Location: **Room 202**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Orange, gray and white carpet fibers with off-white residue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	90% Synthetic	10% Filler and Binder

Client Sample Number: **M3.1A** Lab Sample Number: **16-00176.0007**
Client Sample Description: **Gypsum Board**
Client Sample Location: **Room 105**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Brown papery on white compressed powdery material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	15% Cellulose	82% Filler and Binder
	3% Fiberglass	

Client Sample Number: **M3.1B** Lab Sample Number: **16-00176.0008**
Client Sample Description: **Gypsum Board**
Client Sample Location: **Room 106**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Brown papery on white compressed powdery material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	15% Cellulose	82% Filler and Binder
	3% Fiberglass	

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Jude Cummings **2/17/2016**

Jude Cummings

Reviewed 2/17/2016 by: Jude Cummings

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Buildings - WRS Store*

NIH Batch Number: **16-00176**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **21**

Client Sample Number: **M3.1C** Lab Sample Number: **16-00176.0009**
Client Sample Description: **Gypsum Board**
Client Sample Location: **Room 106**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Brown papery on white compressed powdery material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	15% Cellulose	82% Filler and Binder
	3% Fiberglass	

Client Sample Number: **M5.1A** Lab Sample Number: **16-00176.0010**
Client Sample Description: **2'x4' Lay-In Ceiling - Pinholes/Fissures**
Client Sample Location: **Room 101**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on gray fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	3% Paint
	30% Mineral Wool and Beads	32% Filler and Binder

Client Sample Number: **M5.1B** Lab Sample Number: **16-00176.0011**
Client Sample Description: **2'x4' Lay-In Ceiling - Pinholes/Fissures**
Client Sample Location: **Room 101**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on gray fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	2% Paint
	30% Mineral Wool and Beads	33% Filler and Binder

Client Sample Number: **M5.1C** Lab Sample Number: **16-00176.0012**
Client Sample Description: **2'x4' Lay-In Ceiling - Pinholes/Fissures**
Client Sample Location: **Room 101**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Jude Cummings **2/17/2016**

Jude Cummings

Reviewed 2/17/2016 by: Jude Cummings

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Buildings - WRS Store*

NIH Batch Number: **16-00176**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **21**

White paint on gray fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	32% Filler and Binder
	30% Mineral Wool and Beads	2% Paint

Client Sample Number: **M5.2A** Lab Sample Number: **16-00176.0013**
Client Sample Description: **2'x4' Lay-In Ceiling - Crater/Pinholes**
Client Sample Location: **Room 102 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on off-white fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	3% Paint
	15% Mineral Wool and Beads	52% Filler and Binder

Client Sample Number: **M5.2B** Lab Sample Number: **16-00176.0014**
Client Sample Description: **2'x4' Lay-In Ceiling - Crater/Pinholes**
Client Sample Location: **Room 103 - Ladies Room**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on off-white fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	3% Paint
	15% Mineral Wool and Beads	52% Filler and Binder

Client Sample Number: **M5.2C** Lab Sample Number: **16-00176.0015**
Client Sample Description: **2'x4' Lay-In Ceiling - Crater/Pinholes**
Client Sample Location: **Room 104 - Men's Room**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on off-white fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	2% Paint
	15% Mineral Wool and Beads	53% Filler and Binder

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Jude Cummings **2/17/2016**

Jude Cummings

Reviewed 2/17/2016 by: Jude Cummings

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Buildings - WRS Store*

NIH Batch Number: **16-00176**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **21**

Client Sample Number: **M6.1A** Lab Sample Number: **16-00176.0016**
Client Sample Description: **12"x12" Ceiling Tile - Random Pinholes/Fissure**
Client Sample Location: **Room 201 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on brown compressed fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	90% Cellulose	5% Paint
		5% Filler and Binder

Client Sample Number: **M6.1B** Lab Sample Number: **16-00176.0017**
Client Sample Description: **12"x12" Ceiling Tile - Random Pinholes/Fissure**
Client Sample Location: **Room 201 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on brown compressed fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	92% Cellulose	3% Paint
		5% Filler and Binder

Client Sample Number: **M6.1C** Lab Sample Number: **16-00176.0018**
Client Sample Description: **12"x12" Ceiling Tile - Random Pinholes/Fissure**
Client Sample Location: **Room 201 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on brown compressed fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	95% Cellulose	2% Paint
		3% Filler and Binder

Client Sample Number: **M6.2A** Lab Sample Number: **16-00176.0019**
Client Sample Description: **12"x12" Ceiling Tile - Random Pinhole/Large Fissure**
Client Sample Location: **Room 201 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Jude Cummings **2/17/2016**

Jude Cummings

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Buildings - WRS Store*

NIH Batch Number: **16-00176**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **21**

White paint on brown fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	95% Cellulose	2% Paint
		3% Filler and Binder

Client Sample Number: **M6.2B** Lab Sample Number: **16-00176.0020**
Client Sample Description: **12"x12" Ceiling Tile - Random Pinhole/Large Fissure**
Client Sample Location: **Room 201 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on tan fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	92% Cellulose	2% Paint
		6% Filler and Binder

Client Sample Number: **M6.2C** Lab Sample Number: **16-00176.0021**
Client Sample Description: **12"x12" Ceiling Tile - Random Pinhole/Large Fissure**
Client Sample Location: **Room 201 - East**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White paint on tan fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	95% Cellulose	2% Paint
		3% Filler and Binder

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Jude Cummings **2/17/2016**

Jude Cummings

Reviewed 2/17/2016 by: Jude Cummings

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Dark yellow residue on tan/brown vinyl, white fibrous backing and yellow residue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	10% Cellulose	36% Filler and Binder
	2% Fiberglass	27% Foam
		25% Vinyl Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M8.2A** Lab Sample Number: **16-00177.0019**
Client Sample Description: **White/Gray Exterior Door And Window Caulk**
Client Sample Location: **Exterior - West Side**
Sample Comments: Checked If Sample Not Analyzed ☐

Off-white compressed powder on brownish compressed gritty, grainy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
2% Chrysotile Asbestos	2% Cellulose	15% Aggregate
		61% Filler and Binder
		20% Fine Grains

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M8.2B** Lab Sample Number: **16-00177.0020**
Client Sample Description: **White/Gray Exterior Door And Window Caulk**
Client Sample Location: **Exterior - West Side**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.2C** Lab Sample Number: **16-00177.0021**
Client Sample Description: **White/Gray Exterior Door And Window Caulk**
Client Sample Location: **Exterior - West Side**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.5A** Lab Sample Number: **16-00177.0022**
Client Sample Description: **Mortar From Rock Face Of Building**
Client Sample Location: **Exterior - West Side**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Cherie Zeledon **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit #1
Helena, MT 59601
Office Phone: (406) 443-3369
Cell Phone: (406) 200-4062
Email: lsilveira@bridgeband.com
Inspector/Contact: Logan Silveira
→ KOLIVERA@BRIDGEBAND.COM

NIH Lab Batch ID:	16-00176
Project Name:	Franks Buildings (ORS Store)
Project Number:	1023-015
Date Samples Taken:	2/16/16
Type of Analysis:	PLM

For Lab Use Only	
Sample(s) Size:	___Accepted___Rejected
Non-Conformance Memo:	___Yes___No
Package Condition:	___Good___Damaged___Severe Damage

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

Page 1 of 3

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
1	F6.1A	Carpet - Gray	Room 201
2	.1B	↓	↓
3	.1C	↓	↓
4	F6.2A	Carpet - Brown	Room 202
5	.2B	↓	↓
6	.2C	↓	↓
7	M3.1A	Gypsum Board	Room 105
8	.1B	↓	106
9	.1C	↓	106
10	M5.1A	2'x4' Lay-in ceiling (pinhole/fissure)	Room 101
11	.1B	↓	↓
12	.1C	↓	↓
13	M5.2A	2'x4' Lay-in ceiling (cracter + pinholes)	Room 102 E.
14	.2B	↓	Ladie's Room 103
15	.2C	↓	Men's Room 104
16	M6.1A	12"x12" ceiling tile - random pinhole/	Room 201 E
17	.1B	fissure	↓ E
18	.1C	↓	↓ E
19	M6.2A	- random pinhole/	Room 201 S
20	.2B	large fissure	↓ E
21	.2C	↓	↓ SE

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ___ **No**

Number of samples shipped this page:	21
Total number of samples shipped:	48

Relinquished By:	[signature]	Date: 2/16/16	Time: 1700	Firm: NIH		
Received By:	[signature]	Date: 2/17/16	Time: 9:45	Firm: NIH BUR		
Analyzed By:	[signature]	Date: 2-17-16	Time: 12:22	Firm: LAB		

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/18/2016

Logan Silveira
Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00177
Project Location *Franks Building - WRS Store*

Dear Logan Silveira,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **M8.1A** Lab Sample Number: **16-00177.0001**
Client Sample Description: **Window Glazing Compound**
Client Sample Location: **Room 101 - West Window**
Sample Comments: Checked If Sample Not Analyzed ☐

Clear flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Client Sample Number: **M8.1B** Lab Sample Number: **16-00177.0002**
Client Sample Description: **Window Glazing Compound**
Client Sample Location: **Room 101 - West Window**
Sample Comments: Checked If Sample Not Analyzed ☐

Clear flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Client Sample Number: **M8.1C** Lab Sample Number: **16-00177.0003**
Client Sample Description: **Window Glazing Compound**
Client Sample Location: **Room 101 - West Window**
Sample Comments: Checked If Sample Not Analyzed ☐

Clear flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Client Sample Number: **M12.1A** Lab Sample Number: **16-00177.0004**
Client Sample Description: **4" Vinyl Cove Base W/Baseboard - Brown**
Client Sample Location: **Room 101**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Cherie Zeledon **2/17/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Layer 1 **Dark brown vinyl**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
100% Vinyl Filler and Binder

Layer 2 **Beige paint on yellow adhesive**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
1% Cellulose

Non-Fibrous Components:
64% Filler and Binder
35% Paint

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M12.1B**
Client Sample Description: **4" Vinyl Cove Base W/Baseboard - Brown**
Client Sample Location: **Room 103**
Sample Comments:

Lab Sample Number: **16-00177.0005**
Checked If Sample Not Analyzed ☐

Layer 1 **Dark brown vinyl**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
100% Vinyl Filler and Binder

Layer 2 **White powder residue on beige paint and yellow adhesive**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
1% Cellulose

Non-Fibrous Components:
68% Filler and Binder
30% Paint
1% Perlite

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M12.1C**
Client Sample Description: **4" Vinyl Cove Base W/Baseboard - Brown**
Client Sample Location: **Room 104**
Sample Comments:

Lab Sample Number: **16-00177.0006**
Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: **Logan Silveira** **2/16/2016**
Received by: **Regina Mirabal** **2/17/2016**
Analyzed by: **Cherie Zeledon** **2/17/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Layer 1 **Dark brown vinyl**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
100% Vinyl Filler and Binder

Layer 2 **White powder on beige paint and yellow adhesive**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
1% Cellulose

Non-Fibrous Components:
70% Filler and Binder
28% Paint
1% Perlite

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M16.2A**
Client Sample Description: **Foil Faced Fiberglass Insulation**
Client Sample Location: **Room 202 - East Storage**
Sample Comments:
Lab Sample Number: **16-00177.0007**
Checked If Sample Not Analyzed ☐

Silver foil on black asphalt and yellow fibrous material

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
10% Cellulose
60% Mineral Wool

Non-Fibrous Components:
25% Asphalt Filler and Binder
5% Foil

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M16.2B**
Client Sample Description: **Foil Faced Fiberglass Insulation**
Client Sample Location: **Room 202 - East Storage**
Sample Comments:
Lab Sample Number: **16-00177.0008**
Checked If Sample Not Analyzed ☐

Silver foil on black asphalt and yellow fibrous material

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
12% Cellulose
63% Mineral Wool

Non-Fibrous Components:
20% Asphalt Filler and Binder
5% Foil

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M16.2C**
Client Sample Description: **Foil Faced Fiberglass Insulation**
Client Sample Location: **Room 202 - East Storage**
Sample Comments:
Lab Sample Number: **16-00177.0009**
Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: **Logan Silveira** **2/16/2016**
Received by: **Regina Mirabal** **2/17/2016**
Analyzed by: **Cherie Zeledon** **2/17/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Silver foil on black asphalt and yellow fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	12% Cellulose	63% Asphalt Filler and Binder
	20% Mineral Wool	5% Foil

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M16.3A**
Client Sample Description: **Concrete**
Client Sample Location: **Foundation**
Sample Comments:
Lab Sample Number: **16-00177.0010**
Checked If Sample Not Analyzed ☐

Gray compressed hard gritty grainy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		65% Aggregate
		15% Filler and Binder
		20% Fine Grains

Client Sample Number: **M16.3B**
Client Sample Description: **Concrete**
Client Sample Location: **Foundation**
Sample Comments:
Lab Sample Number: **16-00177.0011**
Checked If Sample Not Analyzed ☐

Gray compressed hard gritty grainy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		65% Aggregate
		15% Filler and Binder
		20% Fine Grains

Client Sample Number: **M16.3C**
Client Sample Description: **Concrete**
Client Sample Location: **Foundation**
Sample Comments:
Lab Sample Number: **16-00177.0012**
Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: **Logan Silveira** **2/16/2016**
Received by: **Regina Mirabal** **2/17/2016**
Analyzed by: **Cherie Zeledon** **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

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215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Gray compressed hard gritty grainy material

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
65% Aggregate
15% Filler and Binder
20% Fine Grains

Client Sample Number: **M16.4A**
Client Sample Description: **White/Black Fill Caulk**
Client Sample Location: **Room 105**
Sample Comments:
Lab Sample Number: **16-00177.0013**
Checked If Sample Not Analyzed ☐

Clear flexible material on thin white powder and tan fibrous paper

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:
27% Cellulose

Non-Fibrous Components:
73% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M16.4B**
Client Sample Description: **White/Black Fill Caulk**
Client Sample Location: **Room 105**
Sample Comments:
Lab Sample Number: **16-00177.0014**
Checked If Sample Not Analyzed ☐

Clear flexible material on thin white powder and tan fibrous paper

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:
30% Cellulose

Non-Fibrous Components:
70% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M16.4C**
Client Sample Description: **White/Black Fill Caulk**
Client Sample Location: **Room 105**
Sample Comments:
Lab Sample Number: **16-00177.0015**
Checked If Sample Not Analyzed ☐

Clear flexible material on thin white powder, tan fibrous paper and white chalky residue

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:
25% Cellulose
1% Fiberglass

Non-Fibrous Components:
74% Filler and Binder

Comments: **Materials distinguishable but inseparable**

(Sample results continued on next page.)

Sampled by: **Logan Silveira** **2/16/2016**
Received by: **Regina Mirabal** **2/17/2016**
Analyzed by: **Cherie Zeledon** **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Client Sample Number: **F1.1A** Lab Sample Number: **16-00177.0016**
Client Sample Description: **Vinyl Sheet Flooring - Tan**
Client Sample Location: **Room 201 - Under F6.1**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Dark yellow mastic**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	99% Filler and Binder

Layer 2 **Tan/brown vinyl on white fibrous backing and yellow adhesive residue**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	10% Cellulose	35% Filler and Binder
	2% Fiberglass	28% Foam
		25% Vinyl Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **F1.1B** Lab Sample Number: **16-00177.0017**
Client Sample Description: **Vinyl Sheet Flooring - Tan**
Client Sample Location: **Room 201 - Under F6.1**
Sample Comments: Checked If Sample Not Analyzed ☐

Dark yellow residue on tan/brown vinyl, white fibrous backing and yellow residue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	10% Cellulose	38% Filler and Binder
	2% Fiberglass	25% Foam
		25% Vinyl Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **F1.1C** Lab Sample Number: **16-00177.0018**
Client Sample Description: **Vinyl Sheet Flooring - Tan**
Client Sample Location: **Room 201 - Under F6.1**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Cherie Zeledon **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Store*

NIH Batch Number: **16-00177**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **23**

Compressed brownish-purple gritty, grainy material

Asbestos Fibrous Components: Non-Asbestos Fibrous Components: Non-Fibrous Components:

No Asbestos Detected

45% Aggregate
25% Filler and Binder
30% Fine Grains

Client Sample Number: **M16.5B** Lab Sample Number: **16-00177.0023**
Client Sample Description: **Mortar From Rock Face Of Building**
Client Sample Location: **Exterior - West Side**
Sample Comments: Checked If Sample Not Analyzed ☐

Compressed brownish-purple gritty, grainy material

Asbestos Fibrous Components: Non-Asbestos Fibrous Components: Non-Fibrous Components:

No Asbestos Detected

45% Aggregate
25% Filler and Binder
30% Fine Grains

Client Sample Number: **M16.5C** Lab Sample Number: **16-00177.0024**
Client Sample Description: **Mortar From Rock Face Of Building**
Client Sample Location: **Exterior - West Side**
Sample Comments: Checked If Sample Not Analyzed ☐

Compressed brownish-purple gritty, grainy material

Asbestos Fibrous Components: Non-Asbestos Fibrous Components: Non-Fibrous Components:

No Asbestos Detected

45% Aggregate
25% Filler and Binder
30% Fine Grains

Client Sample Number: **S1.1A** Lab Sample Number: **16-00177.0025**
Client Sample Description: **Surfacing On Metal Columns**
Client Sample Location: **Room 101**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/16/2016**
Received by: Regina Mirabal **2/17/2016**
Analyzed by: Cherie Zeledon **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.		NIH Batch Number:	**16-00177**
1325 Euclid Avenue, Unit 1		Client Job Number:	**1023-015**
Helena, MT 59601-		Turn Around Time:	**48 Hour**
Project Location:	*Franks Building - WRS Store*	Samples Analyzed:	**23**

White coating on white compressed powder with brownish residue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
2% Chrysotile Asbestos		3% Aggregate
		20% Coating
		75% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number:	**S1.1B**	Lab Sample Number:	**16-00177.0026**
Client Sample Description:	**Surfacing On Metal Columns**		
Client Sample Location:	**Room 101**		
Sample Comments:	**Not Analyzed Per Client Request**	Checked If Sample Not Analyzed	☑

Client Sample Number:	**S1.1C**	Lab Sample Number:	**16-00177.0027**
Client Sample Description:	**Surfacing On Metal Columns**		
Client Sample Location:	**Room 101**		
Sample Comments:	**Not Analyzed Per Client Request**	Checked If Sample Not Analyzed	☑

Sampled by:	**Logan Silveira**	**2/16/2016**
Received by:	**Regina Mirabal**	**2/17/2016**
Analyzed by:	**Cherie Zeledon**	**2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit #1
Helena, MT 59601
Office Phone: (406) 443-3369
Cell Phone: (406) 200-4062
Email: lsilveira@bridgeband.com
Inspector/Contact: Logan Silveira
KOLIVER@BRIDGEBand.com

NIH Lab Batch ID:	16-00177
Project Name:	Franklin Building (WPS Store)
Project Number:	1023-015
Date Samples Taken:	2/16/2016
Type of Analysis:	PLM

For Lab Use Only	
Sample(s) Size:	✓ Accepted ___ Rejected
Non-Conformance Memo:	___ Yes ___ (No)
Package Condition:	✓ Good ___ Damaged ___ Severe Damage

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

Page 2 of 3

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
2	M8.1A	Window glazing compound	West windows in rm 101
3	.1B	↓	↓
4	.1C	↓	↓
5	M12.1A	4" vinyl cove base w/ baseboard	Room 101
6	.1B	brown ↓	Room 103
	.1C	↓	Room 104
	~~M16.1A~~	~~Glue behind wood wall paneling~~	
	~~.1B~~	↓	
	~~.1C~~	↓	
7	M16.2A	Foil faced fiberglass insulation	Room 202 E. stairwell
8	.2B	↓	↓
9	.2C	↓	↓
10	M16.3A	Concrete	Foundation
11	.3B	↓	↓
12	.3C	↓	↓
13	M16.4A	White/black fire caulk	Room 105
14	.4B	↓	↓
15	.4C	↓	↓
16	F1.1A	Vinyl sheet flooring - tan	Room 201 under F6.1
17	.1B	↓	↓
18	.1C	↓	↓

Special Instructions: Analyze Group Method - Stop at First Positive	✓ **Yes**	**No**	
Number of samples shipped this page:		18	
Total number of samples shipped:		48	

Relinquished By: [signature]	Date: 2-16-16	Time: 1750	Firm: NIH
Received By: [signature]	Date: 2/17/16	Time: 9:45	Firm: NIH Burton
Analyzed By: Cherie Fildon	Date: 2/17/16	Time: 1430	Firm: NIH Burton LAB

Revised 01/20/15 RIM

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor

NIH Lab Batch ID:	16-00177
Project Name:	Franks Buildings (WRS store)
Project Number:	1023-015C
Date Samples Taken:	2/16/16
Type of Analysis:	PLM

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

Page 3 of 3

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
19	M8.2A	White/gray exterior door &	Exterior west side
20	B	window caulk	↓ ↓ ↓
21	C	↓ ↓ ↓ ↓	↓ ↓ ↓
22	M16.5A	~~Grout~~ Mortar from rock face of	Exterior west side
23	B	building	↓ ↓ ↓
24	C	↓ ↓ ↓ ↓	↓ ↓ ↓
25	S1.1A	Surfacing on metal ~~beams~~ columns	Room 101
26	B	↓ ↓ ↓	↓ ↓ ↓
27	C	↓ ↓ ↓	↓ ↓ ↓

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ___ **No**

Number of samples shipped this page:	9
Total number of samples shipped:	48

Relinquished By: Kari Taylor	Date: 2/16/16	Time: 17:00	Firm: NIH
Received By: [illegible]	Date: 2/17/16	Time: 9:45	Firm: NIH [illegible]
Analyzed By: Cherie Zilldon	Date: 2/17/16	Time: 1450	Firm: NIH BULK LAB

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/18/2016

Kari Taylor
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00183
Project Location *Frank - Warehouse 1*

Dear Kari Taylor,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Jude Cummings

Reviewed by: Jude Cummings

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank - Warehouse 1*

NIH Batch Number: **16-00183**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **10**

Client Sample Number: **M8.1A** Lab Sample Number: **16-00183.0001**
Client Sample Description: **Entry Door Caulk**
Client Sample Location: **Entry Door**
Sample Comments: Checked If Sample Not Analyzed ☐

White non-fibrous flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Client Sample Number: **M8.1B** Lab Sample Number: **16-00183.0002**
Client Sample Description: **Entry Door Caulk**
Client Sample Location: **Entry Door**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White non-fibrous flexible material with dust

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		2% Dust Particles
		98% Filler and Binder

Client Sample Number: **M8.1C** Lab Sample Number: **16-00183.0003**
Client Sample Description: **Entry Door Caulk**
Client Sample Location: **Entry Door**
Sample Comments: Checked If Sample Not Analyzed ☐

White non-fibrous flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Client Sample Number: **M8.2A** Lab Sample Number: **16-00183.0004**
Client Sample Description: **Caulk - Metal Joints**
Client Sample Location: **Exterior**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Orange paint on white and gray soft material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
5% Chrysotile Asbestos	2% Cellulose	8% Paint
		85% Filler and Binder

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/17/2016**
Received by: Regina Mirabal **2/18/2016**
Analyzed by: Jude Cummings **2/18/2016**

Jude Cummings

Reviewed 2/18/2016 by: Jude Cummings

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank - Warehouse 1*

NIH Batch Number: **16-00183**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **10**

Client Sample Number: **M8.2B** Lab Sample Number: **16-00183.0005**
Client Sample Description: **Caulk - Metal Joints**
Client Sample Location: **Exterior**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.2C** Lab Sample Number: **16-00183.0006**
Client Sample Description: **Caulk - Metal Joints**
Client Sample Location: **Exterior**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.3A** Lab Sample Number: **16-00183.0007**
Client Sample Description: **Caulk / Black Base Wall**
Client Sample Location: **Exterior**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Black and gray material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
8% Chrysotile Asbestos	2% Cellulose	50% Asphalt Filler and Binder
		40% Filler and Binder

Client Sample Number: **M8.3B** Lab Sample Number: **16-00183.0008**
Client Sample Description: **Caulk / Black Base Wall**
Client Sample Location: **Exterior**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.3C** Lab Sample Number: **16-00183.0009**
Client Sample Description: **Caulk / Black Base Wall**
Client Sample Location: **Exterior**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.1A** Lab Sample Number: **16-00183.0010**
Client Sample Description: **Concrete Slab**
Client Sample Location: **Room 101**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		70% Aggregate
		30% Filler and Binder

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/17/2016**
Received by: Regina Mirabal **2/18/2016**
Analyzed by: Jude Cummings **2/18/2016**

Jude Cummings

Reviewed 2/18/2016 by: Jude Cummings

NORTHERN INDUSTRIAL HYGIENE, INC.
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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank - Warehouse 1*

NIH Batch Number: **16-00183**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **10**

Client Sample Number: **M16.1B** Lab Sample Number: **16-00183.0011**
Client Sample Description: **Concrete Slab**
Client Sample Location: **Room 101**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		70% Aggregate
		30% Filler and Binder

Client Sample Number: **M16.1C** Lab Sample Number: **16-00183.0012**
Client Sample Description: **Concrete Slab**
Client Sample Location: **Room 101**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		70% Aggregate
		30% Filler and Binder

Client Sample Number: **S1.1A** Lab Sample Number: **16-00183.0013**
Client Sample Description: **Ceiling Surfacing**
Client Sample Location: **Room 101 - Ceiling**
Sample Comments: Checked If Sample Not Analyzed ☐

Off-white lumpy thin brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
4% Chrysotile Asbestos	1% Cellulose	25% Fine Grains
	1% Wollastonite	69% Filler and Binder

Client Sample Number: **S1.1B** Lab Sample Number: **16-00183.0014**
Client Sample Description: **Ceiling Surfacing**
Client Sample Location: **Room 101 - Ceiling**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S1.1C** Lab Sample Number: **16-00183.0015**
Client Sample Description: **Ceiling Surfacing**
Client Sample Location: **Room 101 - Ceiling**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/17/2016**
Received by: Regina Mirabal **2/18/2016**
Analyzed by: Jude Cummings **2/18/2016**

Jude Cummings

Reviewed 2/18/2016 by: Jude Cummings

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank - Warehouse 1*

NIH Batch Number: **16-00183**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **10**

Client Sample Number: **S2.1A** Lab Sample Number: **16-00183.0016**
Client Sample Description: **Ceiling/Wall Spray**
Client Sample Location: **Room 101**
Sample Comments: Checked If Sample Not Analyzed ☐

Off-white loose fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
12% Chrysotile Asbestos	10% Cellulose	78% Filler and Binder

Client Sample Number: **S2.1B** Lab Sample Number: **16-00183.0017**
Client Sample Description: **Ceiling/Wall Spray**
Client Sample Location: **Room 101**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **S2.1C** Lab Sample Number: **16-00183.0018**
Client Sample Description: **Ceiling/Wall Spray**
Client Sample Location: **Room 101**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Sampled by: Kari Taylor **2/17/2016**
Received by: Regina Mirabal **2/18/2016**
Analyzed by: Jude Cummings **2/18/2016**

Jude Cummings

Reviewed 2/18/2016 by: Jude Cummings

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor

NIH Lab Batch ID:	16-00183
Project Name:	FRANK- warehouse 1
Project Number:	1023-015
Date Samples Taken:	2-17-16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ___ No
Package Condition: ___ Good ___ Damaged ___ Severe Damage

Page 1 **of** ____

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
1	M8.1 A	Entry Door Caulk	Entry Door
2	B	↓ ↓	↓
3	C		
4	M8.2 A	Caulk - Metal Joints	Exterior
5	B	↓ ↓	↓
6	C		
7	M8.3 A	Caulk/Black Base wall	exterior
8	B	↓	↓
9	C		
10	M16.1 A	Concrete Slab	Rm 101
11	B	↓ ↓	↓
12	C		
13	S1.1 A	Ceiling Surfacing	Rm. 101 - Ceiling
14	B	↓ ↓	↓
15	C		
16	S2.1 A	Ceiling/wall Spray	Rm 101
17	B	↓ ↓	↓
18	C		

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ____ **No**

Number of samples shipped this page: 18
Total number of samples shipped: 18

Relinquished By:	Date: 2/17/16	Time: 5pm	Firm: NIH
Received By:	Date: 2/18/16	Time: 9:30	Firm: NIH Billing
Analyzed By:	Date: 2.18.16	Time: 10:40	Firm: LAB

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
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215 SW 153rd Street Burien, WA 98166
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EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/18/2016

Logan Silveira
Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00184
Project Location *Franks Building - WRS Office*

Dear Logan Silveira,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00184**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **4**

Client Sample Number: **M8.2A** Lab Sample Number: **16-00184.0001**
Client Sample Description: **Metal Roof Caulking**
Client Sample Location: **Exterior Roof - South**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White/gray flexible material on green/orange paint on brown gainy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
3% Chrysotile Asbestos		67% Filler and Binder
		20% Fine Grains
		10% Paint

Client Sample Number: **M8.2B** Lab Sample Number: **16-00184.0002**
Client Sample Description: **Metal Roof Caulking**
Client Sample Location: **Exterior Roof - South**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.2C** Lab Sample Number: **16-00184.0003**
Client Sample Description: **Metal Roof Caulking**
Client Sample Location: **Exterior Roof - South**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.3A** Lab Sample Number: **16-00184.0004**
Client Sample Description: **Door Caulking**
Client Sample Location: **Rear Door - East**
Sample Comments: Checked If Sample Not Analyzed ☐

Black flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Client Sample Number: **M8.3B** Lab Sample Number: **16-00184.0005**
Client Sample Description: **Door Caulking**
Client Sample Location: **Rear Door - East**
Sample Comments: Checked If Sample Not Analyzed ☐

Black flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

(Sample results continued on next page.)

Sampled by: Logan Silveira **2/17/2016**
Received by: Regina Mirabal **2/18/2016**
Analyzed by: Rachel Melgoza **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit 1
Helena, MT 59601-
Project Location: *Franks Building - WRS Office*

NIH Batch Number: **16-00184**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **4**

Client Sample Number: **M3.3C**
Client Sample Description: **Door Caulking**
Client Sample Location: **Rear Door - East**
Sample Comments:

Lab Sample Number: **16-00184.0006**
Checked If Sample Not Analyzed ☐

Black flexible material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Sampled by: Logan Silveira **2/17/2016**
Received by: Regina Mirabal **2/18/2016**
Analyzed by: Rachel Melgoza **2/18/2016**

Rachel Melgoza

Reviewed 2/18/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
1325 Euclid Avenue, Unit #1
Helena, MT 59601
Office Phone: (406) 443-3369
Cell Phone: (406) 200-4062
Email: lsilveira@bridgeband.com
Inspector/Contact: Logan Silveira

NIH Lab Batch ID:	16-002184
Project Name:	Franks Buildings (WIC Office)
Project Number:	1023-015
Date Samples Taken:	02.17.16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 1 of 1

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
0001	M8.2 A	Metal Roof Caulking	Exterior roof South
2	.2 B	↓	↓
3	.2 C	↓	↓
4	M8.3 A	Door Caulking	Rear door (East)
5	.3 B	↓	↓
6	.3 C	↓	↓

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ___ **No**
Number of samples shipped this page: 6/6
Total number of samples shipped:

Relinquished By:	Date: 2/17/16	Time: 17:00	Firm: NIH
Received By:	Date: 2/18/16	Time: 9:30	Firm: NIH Bur
Analyzed By:	Date: 02/18/16	Time: 1040	Firm: NIH Bur

Revised 01/20/15 RIM

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Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/22/2016

Kari Taylor
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00186
Project Location *Frank Warehouse 3*

Dear Kari Taylor,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00186**
Client Job Number: **1023-15**
Turn Around Time: **48 Hour**
Samples Analyzed: **14**

Client Sample Number: **F2.1A** Lab Sample Number: **16-00186.0001**
Client Sample Description: **Floor Tile - 12"x12" Gray Mottled**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

Beige and gray vinyl with yellow brittle adhesive residue

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
2% Chrysotile Asbestos		25% Aggregate
		3% Filler and Binder
		70% Vinyl Filler and Binder

Comments: **Insufficient adhesive for individual analysis**

Client Sample Number: **F2.1B** Lab Sample Number: **16-00186.0002**
Client Sample Description: **Floor Tile - 12"x12" Gray Mottled**
Client Sample Location: **Room 103**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **F2.1C** Lab Sample Number: **16-00186.0003**
Client Sample Description: **Floor Tile - 12"x12" Gray Mottled**
Client Sample Location: **Room 103**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **F3.1A** Lab Sample Number: **16-00186.0004**
Client Sample Description: **Floor Tile - 9"x9" Off-White W/Brown Streaks**
Client Sample Location: **Room 104**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Beige vinyl tan streaks**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
3% Chrysotile Asbestos		25% Aggregate
		72% Vinyl Filler and Binder

Layer 2 **Black Mastic**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
4% Chrysotile Asbestos	1% Cellulose	95% Asphalt Filler and Binder

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Cherie Zeledon** **2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00186**
Client Job Number: **1023-15**
Turn Around Time: **48 Hour**
Samples Analyzed: **14**

Client Sample Number: **F3.1B** Lab Sample Number: **16-00186.0005**
Client Sample Description: **Floor Tile - 9"x9" Off-White W/Brown Streaks**
Client Sample Location: **Room 105**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **F3.1C** Lab Sample Number: **16-00186.0006**
Client Sample Description: **Floor Tile - 9"x9" Off-White W/Brown Streaks**
Client Sample Location: **Room 106**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M3.1A** Lab Sample Number: **16-00186.0007**
Client Sample Description: **Gypsum Board Assembly**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **White paint on white compressed powder material and white fibrous paper**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
Chrysotile Asbestos <1%	30% Cellulose	60% Filler and Binder
		10% Paint

Comments: **0.25% Asbestos - Verified by NESHAP Point Count**

Layer 2 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	67% Filler and Binder
	3% Fiberglass	

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M3.1B** Lab Sample Number: **16-00186.0008**
Client Sample Description: **Gypsum Board Assembly**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Cherie Zeledon** **2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00186**
Client Job Number: **1023-15**
Turn Around Time: **48 Hour**
Samples Analyzed: **14**

Layer 1 **White paint on white compressed powder and white fibrous paper**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
Chrysotile Asbestos <1%	35% Cellulose	51% Filler and Binder
		14% Paint

Comments: **0.25% Asbestos - Verified by NESHAP Point Count**

Layer 2 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	62% Filler and Binder
	3% Fiberglass	

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M3.1C**
Lab Sample Number: **16-00186.0009**
Client Sample Description: **Gypsum Board Assembly**
Client Sample Location: **Room 104**
Sample Comments:
Checked If Sample Not Analyzed ☐

Layer 1 **White paint on white compressed powder and fibrous white paper**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
Chrysotile Asbestos <1%	35% Cellulose	50% Filler and Binder
		15% Paint

Comments: **0.25% Asbestos - Verified by NESHAP Point Count**

Layer 2 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	67% Filler and Binder
	3% Fiberglass	

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.1A**
Lab Sample Number: **16-00186.0010**
Client Sample Description: **Ceiling Panel - 2'x4' Fissure And Pinhole**
Client Sample Location: **Room 103**
Sample Comments:
Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Cherie Zeledon** **2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00186**
Client Job Number: **1023-15**
Turn Around Time: **48 Hour**
Samples Analyzed: **14**

Off-white paint on beige fibrous compressed material with off-white coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	5% Coating
	10% Mineral Wool and Beads	4% Dust Particles
		38% Filler and Binder
		8% Paint

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.1B**
Client Sample Description: **Ceiling Panel - 2'x4' Fissure And Pinhole**
Client Sample Location: **Room 103**
Sample Comments:
Lab Sample Number: **16-00186.0011**
Checked If Sample Not Analyzed ☐

Off-white paint on beige fibrous compressed material with off-white coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	10% Coating
	10% Mineral Wool and Beads	3% Dust Particles
		34% Filler and Binder
		8% Paint

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.1C**
Client Sample Description: **Ceiling Panel - 2'x4' Fissure And Pinhole**
Client Sample Location: **Room 103**
Sample Comments:
Lab Sample Number: **16-00186.0012**
Checked If Sample Not Analyzed ☐

Off-white paint on beige fibrous compressed material with off-white coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	12% Coating
	10% Mineral Wool and Beads	6% Dust Particles
		31% Filler and Binder
		6% Paint

Comments: **Materials distinguishable but inseparable**

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Cherie Zeledon** **2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00186**
Client Job Number: **1023-15**
Turn Around Time: **48 Hour**
Samples Analyzed: **14**

Client Sample Number: **M5.2A** Lab Sample Number: **16-00186.0013**
Client Sample Description: **Ceiling Panel - 2'x4' Slice And Pinhole**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

White paint on beige fibrous compressed material with off-white coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	4% Coating
	20% Mineral Wool and Beads	4% Dust Particles
		32% Filler and Binder
		10% Paint

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.2B** Lab Sample Number: **16-00186.0014**
Client Sample Description: **Ceiling Panel - 2'x4' Slice And Pinhole**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

White paint on beige fibrous compressed material with off-white coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	5% Paint
	20% Mineral Wool and Beads	7% Coating
		2% Dust Particles
		36% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.2C** Lab Sample Number: **16-00186.0015**
Client Sample Description: **Ceiling Panel - 2'x4' Slice And Pinhole**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Cherie Zeledon **2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00186**
Client Job Number: **1023-15**
Turn Around Time: **48 Hour**
Samples Analyzed: **14**

White paint on beige fibrous compressed material with off-white coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	28% Cellulose	12% Coating
	20% Mineral Wool and Beads	5% Dust Particles
		25% Filler and Binder
		10% Paint

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.3A**
Lab Sample Number: **16-00186.0016**
Client Sample Description: **Ceiling Panel - 2'x4' Cavity And Pinhole**
Client Sample Location: **Room 103**
Sample Comments:
Checked If Sample Not Analyzed ☐

Off-white paint on beige fibrous compressed material with tan coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	10% Coating
	10% Mineral Wool and Beads	6% Dust Particles
		36% Filler and Binder
		3% Paint

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M5.3B**
Lab Sample Number: **16-00186.0017**
Client Sample Description: **Ceiling Panel - 2'x4' Cavity And Pinhole**
Client Sample Location: **Room 103**
Sample Comments:
Checked If Sample Not Analyzed ☐

Off-white paint on beige fibrous compressed material with tan coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	12% Coating
	10% Mineral Wool and Beads	5% Dust Particles
		36% Filler and Binder
		7% Paint

Comments: **Materials distinguishable but inseparable**

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Cherie Zeledon** **2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

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Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.		NIH Batch Number:	**16-00186**
201 South 30th Street		Client Job Number:	**1023-15**
Billings, MT 59101-		Turn Around Time:	**48 Hour**
Project Location:	*Frank Warehouse 3*	Samples Analyzed:	**14**

Client Sample Number:	**M5.3C**	Lab Sample Number:	**16-00186.0018**
Client Sample Description:	**Ceiling Panel - 2'x4' Cavity And Pinhole**		
Client Sample Location:	**Room 103**		
Sample Comments:		Checked If Sample Not Analyzed	☐

Off-white paint on beige fibrous compressed material with tan coating

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	15% Coating
	10% Mineral Wool and Beads	4% Dust Particles
		36% Filler and Binder
		5% Paint

Comments: **Materials distinguishable but inseparable**

Sampled by:	**Kari Taylor**	**2/18/2016**
Received by:	**Regina Mirabal**	**2/19/2016**
Analyzed by:	**Cherie Zeledon**	**2/19/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor

NIH Lab Batch ID:	16-00186
Project Name:	FRANK - WAREHOUSE 3
Project Number:	1023-15
Date Samples Taken:	2-18-16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ___ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 1 of 3

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
1	F2.1 A	12"X12" Gray MOTTLED Floor tile	Room 103
2	B	↓ ↓	↓
3	C		
4	F3.1 A	9"x9" OFF white w/ Brn streaks	Rm 104
5	B	F. TILE	105
6	C	↓	106
7	M3.1 A	Gypsum Board ASSEMBLY	103
8	B	↓ ↓	103
9	C		104
10	M5.1 A	2'X4' Fissure And Pin Hole C.P	Room 103
11	B	↓ ↓	
12	C		
13	M5.2 A	2'X4' SLICE And Pinhole C.P	
14	B	↓ ↓	
15	C		
16	M5.3 A	2'X4' Cavity And Pinhole C.P.	
17	B	↓ ↓	
18	C		
~~19~~	~~M6.1 A~~	~~1'X1' Rough Surface Ceiling tile~~	~~Rm 107~~
~~20~~	~~B~~	~~↓ ↓~~	~~107~~
~~21~~	~~C~~		~~105~~

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ___ **No**
Number of samples shipped this page: 18/59
Total number of samples shipped:

Relinquished By:	KOBCher	Date: 2/18/16	Time: 17:19	Firm: NIH
Received By:	[signature]	Date: 2/19/16	Time: 9:25	Firm: NIH [illegible]
Analyzed By:	Chene Zeledon	Date: 2/19/16	Time: 958	Firm: NIH [illegible]-LAB

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/19/2016

Kari Taylor
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00187
Project Location *Frank Warehouse 3*

Dear Kari Taylor,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00187**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **17**

Client Sample Number: **M16.8A** Lab Sample Number: **16-00187.0001**
Client Sample Description: **Light Reflector**
Client Sample Location: **Room 107**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Silver foil on tan fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
25% Chrysotile Asbestos	5% Cellulose	40% Filler and Binder
		30% Foil

Client Sample Number: **M16.8B** Lab Sample Number: **16-00187.0002**
Client Sample Description: **Light Reflector**
Client Sample Location: **Room 107**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.8C** Lab Sample Number: **16-00187.0003**
Client Sample Description: **Light Reflector**
Client Sample Location: **Room 107**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.1A** Lab Sample Number: **16-00187.0004**
Client Sample Description: **Door Caulk**
Client Sample Location: **Exterior Front Door**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray/tan compressed grainy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
3% Chrysotile Asbestos		77% Filler and Binder
		20% Fine Grains

Client Sample Number: **M8.1B** Lab Sample Number: **16-00187.0005**
Client Sample Description: **Door Caulk**
Client Sample Location: **Exterior Front Door**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.1C** Lab Sample Number: **16-00187.0006**
Client Sample Description: **Door Caulk**
Client Sample Location: **Exterior Front Door**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00187**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **17**

Client Sample Number: **M12.1A** Lab Sample Number: **16-00187.0007**
Client Sample Description: **4" Brown Cove Base / Mastic**
Client Sample Location: **Room 104**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 Brown vinyl

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Vinyl Filler and Binder

Layer 2 Brown brittle mastic

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
1% Chrysotile Asbestos	2% Cellulose	92% Filler and Binder
2% Tremolite Asbestos	1% Non-Asbestos Form Tremolite	
	2% Wollastonite	

Client Sample Number: **M12.1B** Lab Sample Number: **16-00187.0008**
Client Sample Description: **4" Brown Cove Base / Mastic**
Client Sample Location: **Room 104**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 Brown vinyl

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Vinyl Filler and Binder

Layer 2 Mastic

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
Not Analyzed Per Client		

Client Sample Number: **M12.1C** Lab Sample Number: **16-00187.0009**
Client Sample Description: **4" Brown Cove Base / Mastic**
Client Sample Location: **Room 104**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor 2/18/2016
Received by: Regina Mirabal 2/19/2016
Analyzed by: Rachel Melgoza 2/19/2016

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00187**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **17**

Layer 1 **Brown vinyl**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
100% Vinyl Filler and Binder

Layer 2 **Mastic**

Asbestos Fibrous Components:
Not Analyzed Per Client

Non-Asbestos Fibrous Components:

Non-Fibrous Components:

Client Sample Number: **M16.1A**
Client Sample Description: **Concrete**
Client Sample Location: **Exterior**
Sample Comments:

Lab Sample Number: **16-00187.0010**
Checked If Sample Not Analyzed ☐

Layer 1 **White paint**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:

Non-Fibrous Components:
100% Paint

Layer 2 **Gray gritty compressed material**

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
1% Cellulose

Non-Fibrous Components:
57% Aggregate
42% Filler and Binder

Client Sample Number: **M16.1B**
Client Sample Description: **Concrete**
Client Sample Location: **Exterior**
Sample Comments:

Lab Sample Number: **16-00187.0011**
Checked If Sample Not Analyzed ☐

Gray gritty compressed material

Asbestos Fibrous Components:
No Asbestos Detected

Non-Asbestos Fibrous Components:
2% Cellulose

Non-Fibrous Components:
55% Aggregate
43% Filler and Binder

Client Sample Number: **M16.1C**
Client Sample Description: **Concrete**
Client Sample Location: **Exterior**
Sample Comments:

Lab Sample Number: **16-00187.0012**
Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00187**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **17**

Gray gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	55% Aggregate
		43% Filler and Binder

Client Sample Number: **M16.2A** Lab Sample Number: **16-00187.0013**
Client Sample Description: **Wood Panel Glue**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

Yellow brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	98% Filler and Binder

Client Sample Number: **M16.2B** Lab Sample Number: **16-00187.0014**
Client Sample Description: **Wood Panel Glue**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

Yellow brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	99% Filler and Binder

Client Sample Number: **M16.2C** Lab Sample Number: **16-00187.0015**
Client Sample Description: **Wood Panel Glue**
Client Sample Location: **Room 103**
Sample Comments: Checked If Sample Not Analyzed ☐

Yellow brittle material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	99% Filler and Binder

Client Sample Number: **M16.3A** Lab Sample Number: **16-00187.0016**
Client Sample Description: **Concrete Wall Finish**
Client Sample Location: **Room 107**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00187**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **17**

Layer 1 **Multiple paint layers (beige top coat)**

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components: 100% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **Gray and white gritty compressed material**

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components: 57% Aggregate, 43% Filler and Binder

Client Sample Number: **M16.3B**
Client Sample Description: **Concrete Wall Finish**
Client Sample Location: **Room 107**
Sample Comments:

Lab Sample Number: **16-00187.0017**
Checked If Sample Not Analyzed ☐

Layer 1 **Multiple paint layers (beige top coat)**

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components: 100% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **Gray and white gritty compressed material**

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components: 55% Aggregate, 45% Filler and Binder

Client Sample Number: **M16.3C**
Client Sample Description: **Concrete Wall Finish**
Client Sample Location: **Room 107**
Sample Comments:

Lab Sample Number: **16-00187.0018**
Checked If Sample Not Analyzed ☐

Layer 1 **Multiple paint layers (beige top coat)**

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components: 100% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **Gray and white gritty compressed material**

Asbestos Fibrous Components: **No Asbestos Detected**

Non-Asbestos Fibrous Components:

Non-Fibrous Components: 57% Aggregate, 43% Filler and Binder

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Rachel Melgoza** **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00187**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **17**

Client Sample Number: **M16.4A** Lab Sample Number: **16-00187.0019**
Client Sample Description: **Concrete Block / Mortar**
Client Sample Location: **Exterior**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Multiple paint layers (beige top coat)**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **Tan and gray gritty compressed material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	63% Aggregate
		35% Filler and Binder

Client Sample Number: **M16.4B** Lab Sample Number: **16-00187.0020**
Client Sample Description: **Concrete Block / Mortar**
Client Sample Location: **Exterior**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Multiple paint layers (beige top coat)**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **Tan and gray gritty compressed material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	59% Aggregate
		40% Filler and Binder

Client Sample Number: **M16.4C** Lab Sample Number: **16-00187.0021**
Client Sample Description: **Concrete Block / Mortar**
Client Sample Location: **Exterior**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.		NIH Batch Number:	**16-00187**
201 South 30th Street		Client Job Number:	**1023-015**
Billings, MT 59101-		Turn Around Time:	**48 Hour**
Project Location:	*Frank Warehouse 3*	Samples Analyzed:	**17**

Layer 1 **Multiple paint layers (beige top coat)**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **Tan and gray gritty compressed material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	60% Aggregate
		38% Filler and Binder

Sampled by:	**Kari Taylor**	**2/18/2016**
Received by:	**Regina Mirabal**	**2/19/2016**
Analyzed by:	**Rachel Melgoza**	**2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor

NIH Lab Batch ID:	16 - 00187
Project Name:	FRANK - WAREHOUSE 3
Project Number:	1023 - 015
Date Samples Taken:	2-18-16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 2 of 3

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
0001	M16.8 A	LIGHT Reflector	RM 107
2	M16.8 B		
3	C		
4	M8.1 A	Door Caulk	EXT. Front Door
5	B		
6	C		
7	M12.1 A	4" Brown Coverbase / Mastic	Rm 104
8	B		
9	C		
10	M16.1 A	Concrete	EXTERIOR
11	B		
12	C		
13	M16.2 A	Wood Panel Glue	RM 103
14	B		
15	C		
16	M16.3 A	Concrete wall finish	RM 107
17	B		
18	C		
19	M16.4 A	Concrete Block / Mortar	EXTERIOR
20	B		
21	C		

Special Instructions: Analyze Group Method - Stop at First Positive ✓ Yes ___ No
Number of samples shipped this page: 21/59
Total number of samples shipped:

Relinquished By:	[signature]	Date: 2/18/16	Time: 1700	Firm:	NIH
Received By:	[signature]	Date: 2/19/16	Time: 9:25	Firm:	NIH Dutton
Analyzed By:	[signature]	Date: 02/19/16	Time: 1000	Firm:	NIH Bunting

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/19/2016

Kari Taylor
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00188
Project Location *Frank Warehouse 3*

Dear Kari Taylor,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00188**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **15**

Client Sample Number: **M16.5A** Lab Sample Number: **16-00188.0001**
Client Sample Description: **Vermiculite Insulation**
Client Sample Location: **Exterior CMU**
Sample Comments: Checked If Sample Not Analyzed ☐

Gray, tan and brown lumpy material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
3% Tremolite Asbestos	1% Cellulose	5% Miscellaneous Materials
	1% Non-Asbestos Form Tremolite	90% Vermiculite

Client Sample Number: **M16.5B** Lab Sample Number: **16-00188.0002**
Client Sample Description: **Vermiculite Insulation**
Client Sample Location: **Exterior CMU**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.5C** Lab Sample Number: **16-00188.0003**
Client Sample Description: **Vermiculite Insulation**
Client Sample Location: **Exterior CMU**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.6A** Lab Sample Number: **16-00188.0004**
Client Sample Description: **Concrete Sealer**
Client Sample Location: **Exterior Front**
Sample Comments: Checked If Sample Not Analyzed ☐

Dark-gray and tan gritty material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
5% Chrysotile Asbestos	2% Cellulose	68% Aggregate
		25% Filler and Binder

Client Sample Number: **M16.6B** Lab Sample Number: **16-00188.0005**
Client Sample Description: **Concrete Sealer**
Client Sample Location: **Exterior Front**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.6C** Lab Sample Number: **16-00188.0006**
Client Sample Description: **Concrete Sealer**
Client Sample Location: **Exterior Front**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☑

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

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OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00188**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **15**

Client Sample Number: **M16.7A** Lab Sample Number: **16-00188.0007**
Client Sample Description: **Brick / Mortar**
Client Sample Location: **Exterior Front**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Reddish-brown gritty/grainy material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		10% Aggregate
		65% Filler and Binder
		25% Fine Grains

Layer 2 **Tan and gray gritty compressed material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	43% Aggregate
		55% Filler and Binder

Client Sample Number: **M16.7B** Lab Sample Number: **16-00188.0008**
Client Sample Description: **Brick / Mortar**
Client Sample Location: **Exterior Front**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Reddish-brown gritty/grainy material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		10% Aggregate
		65% Filler and Binder
		25% Fine Grains

Layer 2 **Tan and gray gritty compressed material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	43% Aggregate
		55% Filler and Binder

Client Sample Number: **M16.7C** Lab Sample Number: **16-00188.0009**
Client Sample Description: **Brick / Mortar**
Client Sample Location: **Exterior Front**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00188**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **15**

Layer 1 **Reddish-brown gritty/grainy material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		10% Aggregate
		65% Filler and Binder
		25% Fine Grains

Layer 2 **Tan and gray gritty compressed material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	43% Aggregate
		55% Filler and Binder

Client Sample Number: **F6.1A** Lab Sample Number: **16-00188.0010**
Client Sample Description: **Floor Leveling Compound**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

White grainy compressed powdery material with yellow adhesive and dirt

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
2% Tremolite Asbestos	3% Cellulose	10% Dirt
		65% Filler and Binder
		20% Fine Grains

Client Sample Number: **F6.1B** Lab Sample Number: **16-00188.0011**
Client Sample Description: **Floor Leveling Compound**
Client Sample Location: **Room 103**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **F6.1C** Lab Sample Number: **16-00188.0012**
Client Sample Description: **Floor Leveling Compound**
Client Sample Location: **Room 103**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M5.4A** Lab Sample Number: **16-00188.0013**
Client Sample Description: **2' X 4' Worm / Pinhole Ceiling Panel**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00188**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **15**

White paint on beige fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	50% Filler and Binder
	15% Mineral Wool and Beads	5% Paint

Client Sample Number: **M5.4B** — Lab Sample Number: **16-00188.0014**
Client Sample Description: **2' X 4' Worm / Pinhole Ceiling Panel**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** — Checked If Sample Not Analyzed ☐

White paint on beige fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	50% Filler and Binder
	15% Mineral Wool and Beads	5% Paint

Client Sample Number: **M5.4C** — Lab Sample Number: **16-00188.0015**
Client Sample Description: **2' X 4' Worm / Pinhole Ceiling Panel**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** — Checked If Sample Not Analyzed ☐

White paint on beige fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	30% Cellulose	50% Filler and Binder
	15% Mineral Wool and Beads	5% Paint

Client Sample Number: **T4.1A** — Lab Sample Number: **16-00188.0016**
Client Sample Description: **Vibration Joint Cloth**
Client Sample Location: **Room 109**
Sample Comments: — Checked If Sample Not Analyzed ☐

Dirt on white woven fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	65% Cellulose	35% Dirt

Client Sample Number: **T4.1B** — Lab Sample Number: **16-00188.0017**
Client Sample Description: **Vibration Joint Cloth**
Client Sample Location: **Room 109**
Sample Comments: — Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor 2/18/2016
Received by: Regina Mirabal 2/19/2016
Analyzed by: Rachel Melgoza 2/19/2016

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 3*

NIH Batch Number: **16-00188**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **15**

Dirt on white woven fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	60% Cellulose	40% Dirt

Client Sample Number: **T4.1C** Lab Sample Number: **16-00188.0018**
Client Sample Description: **Vibration Joint Cloth**
Client Sample Location: **Room 109**
Sample Comments: Checked If Sample Not Analyzed ☐

Dirt on white woven fibers

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	63% Cellulose	37% Dirt

Client Sample Number: **T10.1A** Lab Sample Number: **16-00188.0019**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Silver foil on white fibers, tan mastic, tan paper, yellow mastic and yellow fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	20% Cellulose	15% Filler and Binder
	50% Fiberglass	15% Foil

Client Sample Number: **T10.1B** Lab Sample Number: **16-00188.0020**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Silver foil on white fibers, tan mastic, tan paper, yellow mastic and yellow fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	25% Cellulose	20% Filler and Binder
	40% Fiberglass	15% Foil

Client Sample Number: **T10.1C** Lab Sample Number: **16-00188.0021**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Room 103**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.		NIH Batch Number:	**16-00188**
201 South 30th Street		Client Job Number:	**1023-015**
Billings, MT 59101-		Turn Around Time:	**48 Hour**
Project Location:	*Frank Warehouse 3*	Samples Analyzed:	**15**

Silver foil on white fibers, tan mastic, tan paper, yellow mastic and yellow fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	20% Cellulose	20% Filler and Binder
	45% Fiberglass	15% Foil

Sampled by:	**Kari Taylor**	**2/18/2016**
Received by:	**Regina Mirabal**	**2/19/2016**
Analyzed by:	**Rachel Melgoza**	**2/19/2016**

Rachel Melgoza

Reviewed 2/19/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor

NIH Lab Batch ID:	16-00188
Project Name:	FRANK warehouse 3
Project Number:	1023-015
Date Samples Taken:	2-18-16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 3 of 3

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
001	M16.5A	Vermiculite insulation	EXT. CMU
2	B		
3	C		
4	M16.6A	Concrete Sealer	EXT. FRONT
5	B		
6	C		
7	M16.7A	Brick / Mortar	EXT. FRONT
8	B		
9	C		
10	F6.1A	Floor levelmg compound	RM 103
11	B		
12	C		
13	M5.4A	2'x4' worm / anhole C.P.	Rm 103
14	B		
15	C		
16	T4.1A	Vibration joint cloth	Rm 109
17	B		
18	C		
19	T10.1A	Fiberglass insulate	Rm 103
20	B		
21	C		

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ___ **No**

Number of samples shipped this page: 21
Total number of samples shipped: 59

Relinquished By:	Date: 2/18/16	Time: 17:00	Firm: NIH
Received By:	Date: 2/19/16	Time: 9:25	Firm: NIH Billings
Analyzed By: Rachel Milgan	Date: 02/19/16	Time: 1330	Firm: NIH Billings

Revised 01/20/15 RIM

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Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/22/2016

Kari Taylor
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00189
Project Location *Frank Warehouse 2*

Dear Kari Taylor,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 2*

NIH Batch Number: **16-00189**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **12**

Client Sample Number: **M3.1A**
Client Sample Description: **Gypsum Board Assembly**
Client Sample Location: **Room 102**
Sample Comments:

Lab Sample Number: **16-00189.0001**
Checked If Sample Not Analyzed ☐

Layer 1 **White paint on white compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	79% Filler and Binder
		20% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **White paper on white compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	65% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Layer 3 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	25% Cellulose	75% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M3.1B**
Client Sample Description: **Gypsum Board Assembly**
Client Sample Location: **Room 102**
Sample Comments:

Lab Sample Number: **16-00189.0002**
Checked If Sample Not Analyzed ☐

Layer 1 **White paint on white compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	2% Cellulose	75% Filler and Binder
		23% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **White paper on white compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	65% Filler and Binder

Comments: **Materials distinguishable but inseparable**

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Rachel Melgoza** **2/22/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 2*

NIH Batch Number: **16-00189**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **12**

Layer 3 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	20% Cellulose	80% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M3.1C** Lab Sample Number: **16-00189.0003**
Client Sample Description: **Gypsum Board Assembly**
Client Sample Location: **Room 102**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **White paint on white compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	1% Cellulose	69% Filler and Binder
		30% Paint

Comments: **Materials distinguishable but inseparable**

Layer 2 **White paper on white compressed powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	65% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Layer 3 **Tan paper on white compressed chalky powder**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	23% Cellulose	77% Filler and Binder

Comments: **Materials distinguishable but inseparable**

Client Sample Number: **M8.1A** Lab Sample Number: **16-00189.0004**
Client Sample Description: **Metal Wall Caulk**
Client Sample Location: **Exterior West Wall**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Light-brown paint on beige grainy compressed compound

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
4% Chrysotile Asbestos	1% Cellulose	65% Filler and Binder
		23% Fine Grains
		7% Paint

(Sample results continued on next page.)

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Rachel Melgoza** **2/22/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 2*

NIH Batch Number: **16-00189**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **12**

Client Sample Number: **M8.1B** Lab Sample Number: **16-00189.0005**
Client Sample Description: **Metal Wall Caulk**
Client Sample Location: **Exterior West Wall**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.1C** Lab Sample Number: **16-00189.0006**
Client Sample Description: **Metal Wall Caulk**
Client Sample Location: **Exterior West Wall**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.2A** Lab Sample Number: **16-00189.0007**
Client Sample Description: **Window Caulk**
Client Sample Location: **Exterior North Wall**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Tan and brown paint layers on beige grainy compressed compound

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
5% Chrysotile Asbestos	2% Cellulose	63% Filler and Binder
		20% Fine Grains
		10% Paint

Client Sample Number: **M8.2B** Lab Sample Number: **16-00189.0008**
Client Sample Description: **Window Caulk**
Client Sample Location: **Exterior North Wall**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M8.2C** Lab Sample Number: **16-00189.0009**
Client Sample Description: **Window Caulk**
Client Sample Location: **Exterior North Wall**
Sample Comments: **Not Analyzed Per Client Request** Checked If Sample Not Analyzed ☑

Client Sample Number: **M4.1A** Lab Sample Number: **16-00189.0010**
Client Sample Description: **Transite Wall Panel**
Client Sample Location: **Room 101 - West Wall**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/22/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 2*

NIH Batch Number: **16-00189**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **12**

Red-orange paint on gray hard fibrous compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
20% Chrysotile Asbestos		70% Filler and Binder
		10% Paint

Client Sample Number: **M4.1B** — Lab Sample Number: **16-00189.0011**
Client Sample Description: **Transite Wall Panel**
Client Sample Location: **Room 101 - West Wall**
Sample Comments: **Not Analyzed Per Client Request** — Checked If Sample Not Analyzed ☑

Client Sample Number: **M4.1C** — Lab Sample Number: **16-00189.0012**
Client Sample Description: **Transite Wall Panel**
Client Sample Location: **Room 101 - West Wall**
Sample Comments: **Not Analyzed Per Client Request** — Checked If Sample Not Analyzed ☑

Client Sample Number: **M16.1A** — Lab Sample Number: **16-00189.0013**
Client Sample Description: **Concrete**
Client Sample Location: **Exterior Slab**
Sample Comments: **Materials distinguishable but inseparable** — Checked If Sample Not Analyzed ☐

Light-brown paint on gray hard gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		60% Aggregate
		30% Filler and Binder
		10% Paint

Client Sample Number: **M16.1B** — Lab Sample Number: **16-00189.0014**
Client Sample Description: **Concrete**
Client Sample Location: **Exterior Slab**
Sample Comments: **Materials distinguishable but inseparable** — Checked If Sample Not Analyzed ☐

Light-brown paint on gray hard gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		63% Aggregate
		30% Filler and Binder
		7% Paint

(Sample results continued on next page.)

Sampled by: Kari Taylor 2/18/2016
Received by: Regina Mirabal 2/19/2016
Analyzed by: Rachel Melgoza 2/22/2016

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

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Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 2*

NIH Batch Number: **16-00189**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **12**

Client Sample Number: **M16.1C** Lab Sample Number: **16-00189.0015**
Client Sample Description: **Concrete**
Client Sample Location: **Exterior Slab**
Sample Comments: **Materials distinguishable but inseparable** Checked If Sample Not Analyzed ☐

Light-brown paint on gray hard gritty compressed material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		65% Aggregate
		30% Filler and Binder
		5% Paint

Client Sample Number: **T10.1A** Lab Sample Number: **16-00189.0016**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Room 101 - Ceiling**
Sample Comments: Checked If Sample Not Analyzed ☐

Layer 1 **Tan paper with black asphalt and pink fibers**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	40% Cellulose	57% Asphalt Filler and Binder
	3% Fiberglass	

Comments: **Materials distinguishable but inseparable**

Layer 2 **Pink and yellow fibrous material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	100% Fiberglass	

Client Sample Number: **T10.1B** Lab Sample Number: **16-00189.0017**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: **Room 101 - Ceiling**
Sample Comments: Checked If Sample Not Analyzed ☐

(Sample results continued on next page.)

Sampled by: Kari Taylor **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Rachel Melgoza **2/22/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

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NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 2*

NIH Batch Number: **16-00189**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **12**

Layer 1 **Tan paper with black asphalt and pink fibers**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	60% Asphalt Filler and Binder
	5% Fiberglass	

Comments: **Materials distinguishable but inseparable**

Layer 2 **Pink and yellow fibrous material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	100% Fiberglass	

Client Sample Number: **T10.1C**
Lab Sample Number: **16-00189.0018**
Client Sample Description: **Fiberglass Insulation**
Client Sample Location: `
Sample Comments:
Checked If Sample Not Analyzed ☐

Layer 1 **Tan paper with black asphalt and pink fibers**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	37% Cellulose	59% Asphalt Filler and Binder
	4% Fiberglass	

Comments: **Materials distinguishable but inseparable**

Layer 2 **Pink and yellow fibrous material**

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	100% Fiberglass	

Sampled by: **Kari Taylor** **2/18/2016**
Received by: **Regina Mirabal** **2/19/2016**
Analyzed by: **Rachel Melgoza** **2/22/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 647-5275
Email: ktaylor@bridgeband.com
Inspector/Contact: Kari Taylor
KOliver@bridgeband.com

NIH Lab Batch ID:	16 - 00189
Project Name:	FRANK- Warehouse 2
Project Number:	1023-015
Date Samples Taken:	2-18-16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 1 of 1

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
0001	M3.1 A	Gypsum board Assemply	Rm 102
2	B		
3	C		
4	M8.1 A	Metal wall Caulk	Exterior W. wall
5	B		
6	C		
7	M8.2 A	Window Caulk	Exterior - N. wall
8	B		
9	C		
10	M4.1 A	Transite wall Panel	Rm 101 - W wall
11	B		
12	C		
13	M16.1 A	Concrete	Exterior Slab
14	B		
15	C		
16	T10.1 A	Fiberglass insulation	Rm 101 - Ceiling
17	B		
18	C		

Special Instructions: Analyze Group Method - Stop at First Positive ✓ **Yes** ___ **No**

Number of samples shipped this page: 18/18

Total number of samples shipped:

Relinquished By: KOBCla	Date: 2-18-16	Time: 17:00	Firm: NIH
Received By: [illegible]	Date: 2/19/16	Time: 9:25	Firm: NIH Bu[illegible]
Analyzed By: [illegible]	Date: 02/22/16	Time: 0815	Firm: NIH Burien

Revised 01/20/15 RIM

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
EMAIL: Rmelgoza@bridgeband.com
NVLAP Lab Code: 200511-0

2/22/2016

Kevin Oliver
Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-

RE: Bulk Asbestos Fiber Analysis; Batch # 16-00190
Project Location *Frank Warehouse 1*

Dear Kevin Oliver,

Thank you for choosing Northern Industrial Hygiene, Inc. as your laboratory. Enclosed you will find analytical results for the bulk samples submitted to the laboratory.

Northern Industrial Hygiene is accredited by NVLAP Lab Code: 200511-0. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with U.S. EPA Method -600/M4-82-020, December 1982 and EPA Method 600/R-93-116, July 1993. "Method for Determination of Asbestos in Bulk Building Materials"(NESHAP, 40 CFR-Part 61) protocol.

Analysis is cross checked through our inter or intra laboratory quality assurance program for verification. The percent values reported are based on calibrated visual estimates by volume unless verification by Point Count is indicated. Test results reported relate only to the samples submitted by the customer to Northern Industrial Hygiene, Inc. Trace amounts of asbestos are below the limit of detection and asbestos fibers with diameters below approximately 0.25 micrometers are not detectable with the Polarized Light Microscopy (PLM) analytical procedure. A trace amount of asbestos is defined as one to five fibers in three slide mounts. Asbestos found in this amount will be reported as "< 1.0%" by PLM analysis.

This report is highly confidential and shall not be reproduced without your written approval and the written approval of Northern Industrial Hygiene, Inc.

Samples are archived for thirty (30) days following analysis. Please contact us if samples need to be archived longer than the standard holding time.

Thank you for using Northern Industrial Hygiene, Inc. If you have any questions or concerns please contact us.

Sincerely,

Rachel Melgoza

Reviewed by: Rachel Melgoza

Enclosure: Bulk Sample Results

NORTHERN INDUSTRIAL HYGIENE, INC.
Billings, MT • Helena, MT • Seattle, WA

215 SW 153rd Street Burien, WA 98166
OFFICE: (206) 988-1746 FAX: (206) 988-1978
NVLAP Lab Code: 200511-0

Bulk Asbestos Analysis Report

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101-
Project Location: *Frank Warehouse 1*

NIH Batch Number: **16-00190**
Client Job Number: **1023-015**
Turn Around Time: **48 Hour**
Samples Analyzed: **1**

Client Sample Number: **S1.2A**
Client Sample Description: **Rough Wall Texture**
Client Sample Location: **North Wall On Metal**
Sample Comments:
Lab Sample Number: **16-00190.0001**
Checked If Sample Not Analyzed ☐

White compressed lumpy powder material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
2% Chrysotile Asbestos		3% Aggregate
		95% Filler and Binder

Client Sample Number: **S1.2B**
Client Sample Description: **Rough Wall Texture**
Client Sample Location: **North Wall On Metal**
Sample Comments: **Not Analyzed Per Client Request**
Lab Sample Number: **16-00190.0002**
Checked If Sample Not Analyzed ☑

Client Sample Number: **S1.2C**
Client Sample Description: **Rough Wall Texture**
Client Sample Location: **North Wall On Metal**
Sample Comments: **Not Analyzed Per Client Request**
Lab Sample Number: **16-00190.0003**
Checked If Sample Not Analyzed ☑

Sampled by: Kevin Oliver **2/18/2016**
Received by: Regina Mirabal **2/19/2016**
Analyzed by: Cherie Zeledon **2/22/2016**

Rachel Melgoza

Reviewed 2/22/2016 by: Rachel Melgoza

Chain of Custody

NVLAP Lab Code 200511-0

Northern Industrial Hygiene, Inc.
201 South 30th Street
Billings, MT 59101
Office Phone: (406) 245-7766
Cell Phone: (406) 670-5582
Email: koliver@bridgeband.com
Inspector/Contact: Kevin Oliver

NIH Lab Batch ID:	K0-00190
Project Name:	Frank - Warehouse 1
Project Number:	1023-015
Date Samples Taken:	2-18-16
Type of Analysis:	PLM

Turnaround Time Requested	
2 Hour:	
Same Day:	
24 Hour:	
48 Hour:	X
5 Day:	
10 Day:	

For Lab Use Only
Sample(s) Size: ✓ Accepted ___ Rejected
Non-Conformance Memo: ___ Yes ✓ No
Package Condition: ✓ Good ___ Damaged ___ Severe Damage

Page 1 of 1

NIH LAB ID	SAMPLE #	SAMPLE DESCRIPTION	SAMPLE LOCATION
1	S1.2A	Rough wall texture	N. wall on Metal
2	B	↓	↓
3	C	↓	↓

Special Instructions: Analyze Group Method - Stop at First Positive ✓ Yes ___ No
Number of samples shipped this page: 3/3
Total number of samples shipped:

Relinquished By: [signature]	Date: 2/18/16	Time: 1700	Firm: NIH
Received By: [signature]	Date: 2/19/16	Time: 9:25	Firm: NIH Billings
Analyzed By: Cherie Zeldon	Date: 2/22/16	Time: ~~1220~~ 1410	Firm: NIH Butte - LAB

Revised 01/20/15 RIM

APPENDIX B

ASBESTOS SAMPLE COLLECTION REQUIREMENTS AND MATERIAL CATEGORY DESCRIPTIONS

SAMPLE COLLECTION REQUIREMENTS

Friable Surfacing Material

1) At least three bulk samples from each homogeneous material that is 1,000 square feet or less.
2) At least five bulk samples from each homogeneous material that is greater than 1,000 square feet but less than or equal to 5,000 square feet.
3) At least seven bulk samples from each homogeneous material that is greater than 5,000 square feet.

Thermal System Insulation

1) In a randomly distributed manner, at least three bulk samples from each homogeneous material of thermal system insulation that is not assumed to contain asbestos.
2) At least one bulk sample from each homogeneous material of patched thermal system insulation that was not assumed to be asbestos-containing material (ACBM).
3) In a manner sufficient to determine whether the material was ACBM or not ACBM, (generally three samples), bulk samples from each insulated mechanical system that was not assumed to be ACBM where cement or plaster was used on fittings such as tees, elbows, or valves.
4) Bulk samples were not collected from any homogeneous material where the inspector determined that the thermal system insulation is fiberglass, foam glass, rubber, or other non-asbestos-containing building material.

Miscellaneous Materials

1) In a manner sufficient to determine whether a material is ACBM or not, three bulk samples were collected from each area of homogeneous friable miscellaneous material that was not assumed to be ACBM.

Non-friable suspected ACBM

1) In a manner sufficient to determine whether a material is ACBM or not, three bulk samples were collected from each area of homogeneous miscellaneous material that was not assumed to be ACBM.

AHERA AND NESHAP CATEGORIES

Following receipt of the laboratory analysis, homogeneous ACBM were identified and the quantities determined. The materials were then categorized using NESHAP criteria and a general recommended response action was determined for each ACBM.

AHERA Categories

Category 1: Damaged or significantly damaged thermal system insulation ACM.
Category 2: Damaged friable surfacing ACM.
Category 3: Significantly damaged friable surfacing ACM.
Category 4: Damaged or significantly damaged friable miscellaneous ACM.
Category 5: ACBM with potential for damage.
Category 6: ACBM with potential for significant damage.
Category 7: Remaining friable ACBM or friable suspected ACBM.

NESHAP Categories

Category I is non-friable asbestos-containing materials including packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1 percent asbestos. This category also includes pliable asbestos-containing sealants and mastics.

Category II is non-friable ACBM, excluding Category I non-friable ACBM, containing more than one percent asbestos. This category includes Transite ® (cement asbestos) products.

Regulated Asbestos-Containing Materials (RACM) are friable materials, Category I non-friable materials that will or may be subjected to sanding, grinding, cutting, or abrading and Category II non-friable materials that have a high probability of becoming or have become crumbled, pulverized, or reduced to powder by forces expected to act on the material in the course of demolition or renovation operations.

General Recommended Response Actions

Removal:	remove noted damaged ACBM;
Repair:	repair noted damaged ACBM;
Encapsulate:	encapsulate ACBM with a penetrating or bridging encapsulate;
Enclosure:	enclose ACBM by construction an air tight barrier;
O&M:	include material in a formal operations and maintenance program and maintain ACBM in a non-friable condition.

APPENDIX C

SUMMARY OF LEAD-BASED PAINT REGULATIONS

LEAD-BASED PAINT REGULATORY OVERVIEW

Regulatory agencies which have addressed lead-based paint include the Consumer Product Safety Commission (CPSC), the Occupational Safety and Health Administration (OSHA), the Department of Housing and Urban Development (HUD), and the Environmental Protection Agency (EPA).

Consumer Product Safety Commission

The content of lead in paint is regulated by the Consumer Product Safety Commission. Under CPSC regulations, paints manufactured after 1978 cannot contain more than 0.06 % lead by weight, calculated as lead metal, in the nonvolatile content of the liquid paint. Paints containing more than this amount in the liquid paint are classified by the CPSC as lead-based paint. The Department of Housing and Urban Development established separate standards defining lead-based paint for dried in-place paint. Dried, in-place paint is defined by HUD as being lead-based if bulk sample tests indicate lead at greater than 0.5% by weight or if XRF tests indicate lead at greater than 1 milligram per square centimeter (mg/cm^2).

Occupational Safety and Health Administration

OSHA has established a standard regulating workers exposure to lead in both general industry and in construction. The lead in construction standard (29 CFR 1926.62) applies to all construction work where an employee may be exposed to lead. The standard does not recognize any minimum concentration of lead and does not define lead-based paint. Consequently, all painted surfaces in which any detectable level of lead is present must be considered as having the potential to present an occupational exposure to lead.

OSHA regulated construction work is defined as work for construction, alteration and/or repair, including painting and decorating. Typical activities which fall into these categories include: demolition or salvage of structures where lead or materials containing lead are present; removal or encapsulation of materials containing lead; lead contamination/emergency cleanup; transportation, disposal, storage or containment of lead or materials containing lead on the site or location at which construction activities are performed and maintenance operations associated with the construction activities described above including construction cleanup.

Housing and Urban Development

HUD has established the only comprehensive guidelines for inspecting, sampling, assessing exposure risk and performing lead abatement including provisions for clearance testing following lead removal projects. These guidelines were promulgated under section 402 of the Toxic Substances Control Act (TSCA). As mentioned above, HUD defines lead-based paint as containing greater than 0.5% by weight or greater than 1 milligram per square centimeter (mg/cm^2).

Environmental Protection Agency

The EPA has promulgated regulations addressing the disposal of toxic or hazardous waste materials. Materials painted with lead-based paint are considered potentially hazardous and therefore fall under the requirements of the Resource Conservation and Recovery Act (RCRA) that requires testing to determine the proper disposal method. The EPA regulations require the testing of representative wastes using the Toxicity Characteristic Leaching Procedure (TCLP). This test determines to what extent the lead in the waste can be leached out of the waste under conditions representing those found in landfills. If the quantity of leachable lead exceeds the established standard, the waste is classified as hazardous and must be disposed in a hazardous waste landfill. If the quantity of leachable lead is less than the standard, the waste may be disposed at a municipal landfill that accepts construction or demolition debris.

APPENDIX D

INSPECTOR ASBESTOS TRAINING CERTIFICATES

LOGAN SILVEIRA

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos occupation(s) through the specified expiration date(s).

Asbestos Inspector [redacted] 10/14/2016

Kevin Blanton

MT DEQ Asbestos Control Program

KEVIN B OLIVER

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos occupation(s) through the specified expiration date(s).

MTA-1308

Asbestos Inspector	01/07/2017
Management Planner	01/07/2017
Project Contractor/Supervisor	01/05/2017
Project Designer	01/06/2017

MT DEQ Asbestos Control Program

KARI TAYLOR

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos occupation(s) through the specified expiration date(s).

MTA-4281

Asbestos Inspector	05/29/2016
Project Contractor/Supervisor	05/27/2016

Kerri Blanton

MT DEQ Asbestos Control Program

LABORATORY ANALYTICAL REPORTS

Billings, Montana

APPENDIX F

Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

February 23, 2016

Tyler Etzel
Newfields
1120 Cedar Street
Missoula, MT 598023911

RE: Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Dear Tyler Etzel:
Enclosed are the analytical results for sample(s) received by the laboratory on February 10, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Anderson
jennifer.anderson@pacelabs.com
Project Manager

Enclosures

cc: Katie Sitler, Newfields

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

CERTIFICATIONS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

Montana Certification IDs

150 N. 9th Street, Billings, MT 59101
Colorado Asbestos #: 17119
A2LA Certification #: 3590.01
EPA Region 8 Certification #: 8TMS-L
Idaho Certification #: MT00012
Minnesota Dept of Health Certification #: 030-999-442
Montana Certification #: MT CERT0040
North Dakota Dept. Of Health #: R-209
NVLAP Certification #: 101292-0
Washington Department of Ecology #: C993

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

SAMPLE SUMMARY

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10338261001	**B-1**	Water	02/10/16 09:00	02/10/16 16:40
10338261002	**B-2**	Water	02/10/16 11:20	02/10/16 16:40
10338261003	**B-3**	Water	02/10/16 12:40	02/10/16 16:40
10338261004	**B-4**	Water	02/09/16 15:15	02/10/16 16:40
10338261005	**B-5**	Water	02/09/16 13:45	02/10/16 16:40
10338261006	**B-6**	Water	02/09/16 12:10	02/10/16 16:40
10338261007	**B-7**	Water	02/09/16 10:10	02/10/16 16:40
10338261008	**B-8**	Water	02/10/16 10:15	02/10/16 16:40
10338261009	**B-9**	Water	02/09/16 16:35	02/10/16 16:40
10338261010	**B-DUP**	Water	02/09/16 00:00	02/10/16 16:40
10338261011	**B-RB**	Water	02/10/16 07:45	02/10/16 16:40
10338261012	**GW-RB**	Water	02/09/16 17:40	02/10/16 16:40
10338261013	**TRIP BLANK (002, 003, 004)**	Water	02/09/16 00:00	02/10/16 16:40
10338261014	**TRIP BLANK (005 & 006)**	Water	02/09/16 00:00	02/10/16 16:40
10338261015	**TRIP BLANK (007 & 009)**	Water	02/09/16 00:00	02/10/16 16:40
10338261016	**TRIP BLANK (B-1, B-DUP, GW-RB)**	Water	02/09/16 00:00	02/10/16 16:40
10338261017	**TRIP BLANK (B-RB & B-8)**	Water	02/09/16 00:00	02/10/16 16:40

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

SAMPLE ANALYTE COUNT

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10338261001	**B-1**	MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261002	**B-2**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261003	**B-3**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	AH2	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261004	**B-4**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	AH2	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261005	**B-5**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	AH2	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261006	**B-6**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261007	**B-7**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

SAMPLE ANALYTE COUNT

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		MADEP VPH	MAM	15	PASI-MT
10338261008	**B-8**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	AH2	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261009	**B-9**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261010	**B-DUP**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261011	**B-RB**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261012	**GW-RB**	EPA 6010	IP	7	PASI-M
		EPA 7470A	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	DJB	72	PASI-M
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338261013	**TRIP BLANK (002, 003, 004)**	EPA 8260B	AH2	72	PASI-M
10338261014	**TRIP BLANK (005 & 006)**	EPA 8260B	AH2	72	PASI-M
10338261015	**TRIP BLANK (007 & 009)**	EPA 8260B	AH2	72	PASI-M
10338261016	**TRIP BLANK (B-1, B-DUP, GW-RB)**	EPA 8260B	AH2	72	PASI-M
10338261017	**TRIP BLANK (B-RB & B-8)**	EPA 8260B	AH2	72	PASI-M

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 6010**
Description: 6010 MET ICP
Client: Newfields
Date: February 23, 2016

General Information:
11 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 7470A**
Description: 7470A Mercury
Client: Newfields
Date: February 23, 2016

General Information:
11 samples were analyzed for EPA 7470A. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MERP/15937

1M: Due to sample matrix routine initial sample volume or weight was not used in sample preparation, resulting in elevated reporting limits.

- B-2 (Lab ID: 10338261002)
  - Mercury
- B-3 (Lab ID: 10338261003)
  - Mercury
- B-4 (Lab ID: 10338261004)
  - Mercury
- B-5 (Lab ID: 10338261005)
  - Mercury
- B-6 (Lab ID: 10338261006)
  - Mercury
- B-7 (Lab ID: 10338261007)
  - Mercury

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 7470A**
Description: 7470A Mercury
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MERP/15937

1M: Due to sample matrix routine initial sample volume or weight was not used in sample preparation, resulting in elevated reporting limits.

- B-8 (Lab ID: 10338261008)
  - Mercury
- B-9 (Lab ID: 10338261009)
  - Mercury
- B-DUP (Lab ID: 10338261010)
  - Mercury

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 8270D**
Description: 8270D MSSV
Client: Newfields
Date: February 23, 2016

General Information:
11 samples were analyzed for EPA 8270D. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3520 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/32553

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/32553

2M: The associated compound was outside of 20% for the associated continuing calibration but within 40% of the true value.

- LCS (Lab ID: 2192430)
  - 2,4-Dinitrophenol
- LCSD (Lab ID: 2192431)
  - 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 8260B**
Description: 8260B MSV Low Level
Client: Newfields
Date: February 23, 2016

General Information:
16 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
- B-8 (Lab ID: 10338261008)
- TRIP BLANK (002, 003, 004) (Lab ID: 10338261013)
- TRIP BLANK (005 & 006) (Lab ID: 10338261014)
- TRIP BLANK (007 & 009) (Lab ID: 10338261015)
- TRIP BLANK (B-1, B-DUP, GW-RB) (Lab ID: 10338261016)
- TRIP BLANK (B-RB & B-8) (Lab ID: 10338261017)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: MSV/34629

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
- B-3 (Lab ID: 10338261003)
  - Bromomethane
- B-4 (Lab ID: 10338261004)
  - Bromomethane
- B-5 (Lab ID: 10338261005)
  - Bromomethane
- BLANK (Lab ID: 2192435)
  - Bromomethane
  - Naphthalene
- LCS (Lab ID: 2192436)
  - Bromomethane
  - Naphthalene
- MS (Lab ID: 2193964)
  - Bromomethane
  - Naphthalene
- MSD (Lab ID: 2193965)
  - Bromomethane
  - Naphthalene

QC Batch: MSV/34633

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
- B-2 (Lab ID: 10338261002)
  - Bromomethane

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 8260B**
Description: 8260B MSV Low Level
Client: Newfields
Date: February 23, 2016

QC Batch: MSV/34633

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- B-6 (Lab ID: 10338261006)
  - Bromomethane
- B-7 (Lab ID: 10338261007)
  - Bromomethane
- B-9 (Lab ID: 10338261009)
  - Bromomethane
- B-DUP (Lab ID: 10338261010)
  - Bromomethane
- B-RB (Lab ID: 10338261011)
  - Bromomethane
- BLANK (Lab ID: 2193066)
  - Bromomethane
- GW-RB (Lab ID: 10338261012)
  - Bromomethane
- LCS (Lab ID: 2193067)
  - Bromomethane
- MS (Lab ID: 2195678)
  - Bromomethane
- MSD (Lab ID: 2195679)
  - Bromomethane

QC Batch: MSV/34684

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- B-8 (Lab ID: 10338261008)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- BLANK (Lab ID: 2196386)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- LCS (Lab ID: 2196387)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- MS (Lab ID: 2196388)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- TRIP BLANK (002, 003, 004) (Lab ID: 10338261013)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- TRIP BLANK (005 & 006) (Lab ID: 10338261014)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 8260B**
Description: 8260B MSV Low Level
Client: Newfields
Date: February 23, 2016

QC Batch: MSV/34684

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- 1,1-Dichloroethene
- Bromomethane
- Chloroform

- TRIP BLANK (007 & 009) (Lab ID: 10338261015)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- TRIP BLANK (B-1, B-DUP, GW-RB) (Lab ID: 10338261016)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform
- TRIP BLANK (B-RB & B-8) (Lab ID: 10338261017)
  - 1,1-Dichloroethene
  - Bromomethane
  - Chloroform

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: MSV/34633

B: Analyte was detected in the associated method blank.

- BLANK for HBN 401332 [MSV/3463 (Lab ID: 2193066)
  - Methylene Chloride

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/34684

P2: Re-extraction or re-analysis could not be performed due to insufficient sample amount.

- B-8 (Lab ID: 10338261008)
  - 1,2-Dichloroethane-d4 (S)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **EPA 8260B**
Description: 8260B MSV Low Level
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MSV/34684

P2: Re-extraction or re-analysis could not be performed due to insufficient sample amount.

- TRIP BLANK (002, 003, 004) (Lab ID: 10338261013)
  - 1,2-Dichloroethane-d4 (S)
- TRIP BLANK (005 & 006) (Lab ID: 10338261014)
  - 1,2-Dichloroethane-d4 (S)
- TRIP BLANK (007 & 009) (Lab ID: 10338261015)
  - 1,2-Dichloroethane-d4 (S)
- TRIP BLANK (B-1, B-DUP, GW-RB) (Lab ID: 10338261016)
  - 1,2-Dichloroethane-d4 (S)
- TRIP BLANK (B-RB & B-8) (Lab ID: 10338261017)
  - 1,2-Dichloroethane-d4 (S)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP EPH**
Description: MADEP EPH MA Water
Client: Newfields
Date: February 23, 2016

General Information:
12 samples were analyzed for MADEP EPH. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with MADEP EPH with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MTPR/4033

S0: Surrogate recovery outside laboratory control limits.

- DUP (Lab ID: 2193100)
  - 1-Chloro-octadecane (S)
- MS (Lab ID: 2193099)
  - 1-Chloro-octadecane (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP EPH**
Description: MADEP EPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MTPR/4033

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- B-1 (Lab ID: 10338261001)
  - Total Extractable Hydrocarbons
- B-2 (Lab ID: 10338261002)
  - Total Extractable Hydrocarbons
- B-4 (Lab ID: 10338261004)
  - Total Extractable Hydrocarbons

N2: The lab does not hold TNI accreditation for this parameter.

- B-1 (Lab ID: 10338261001)
  - Total Extractable Hydrocarbons
- B-2 (Lab ID: 10338261002)
  - Total Extractable Hydrocarbons
- B-3 (Lab ID: 10338261003)
  - Total Extractable Hydrocarbons
- B-4 (Lab ID: 10338261004)
  - Total Extractable Hydrocarbons
- B-5 (Lab ID: 10338261005)
  - Total Extractable Hydrocarbons
- B-6 (Lab ID: 10338261006)
  - Total Extractable Hydrocarbons
- B-7 (Lab ID: 10338261007)
  - Total Extractable Hydrocarbons
- B-8 (Lab ID: 10338261008)
  - Total Extractable Hydrocarbons
- B-9 (Lab ID: 10338261009)
  - Total Extractable Hydrocarbons
- B-DUP (Lab ID: 10338261010)
  - Total Extractable Hydrocarbons
- B-RB (Lab ID: 10338261011)
  - Total Extractable Hydrocarbons
- BLANK (Lab ID: 2193096)
  - Total Extractable Hydrocarbons
- DUP (Lab ID: 2193100)
  - Total Extractable Hydrocarbons
- GW-RB (Lab ID: 10338261012)
  - Total Extractable Hydrocarbons
- LCS (Lab ID: 2193097)
  - Total Extractable Hydrocarbons
- LCSD (Lab ID: 2193098)
  - Total Extractable Hydrocarbons
- MS (Lab ID: 2193099)
  - Total Extractable Hydrocarbons

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

General Information:
12 samples were analyzed for MADEP VPH. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MT/22472

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- B-2 (Lab ID: 10338261002)
  - a,a,a-Trifluorotoluene (S)

S7: Surrogate recovery outside control limits (not confirmed by re-analysis).

- B-5 (Lab ID: 10338261005)
  - a,a,a-Trifluorotoluene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: MT/22472

B: Analyte was detected in the associated method blank.

- BLANK for HBN 400845 [MT/22472 (Lab ID: 2190262)
  - Naphthalene

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

QC Batch: MT/22472

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10338228002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2190266)
  - Aromatic (C09-C10)

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MT/22472

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DUP (Lab ID: 2190265)
  - a,a,a-Trifluorotoluene (S)

N2: The lab does not hold TNI accreditation for this parameter.

- B-1 (Lab ID: 10338261001)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-2 (Lab ID: 10338261002)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MT/22472

N2: The lab does not hold TNI accreditation for this parameter.

- B-2 (Lab ID: 10338261002)
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-3 (Lab ID: 10338261003)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-4 (Lab ID: 10338261004)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-5 (Lab ID: 10338261005)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MT/22472

N2: The lab does not hold TNI accreditation for this parameter.

- B-5 (Lab ID: 10338261005)
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-6 (Lab ID: 10338261006)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-7 (Lab ID: 10338261007)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-8 (Lab ID: 10338261008)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MT/22472

N2: The lab does not hold TNI accreditation for this parameter.

- B-8 (Lab ID: 10338261008)
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-9 (Lab ID: 10338261009)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-DUP (Lab ID: 10338261010)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-RB (Lab ID: 10338261011)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)

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Billings, MT 59101
(406)254-7226

PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MT/22472

N2: The lab does not hold TNI accreditation for this parameter.

- B-RB (Lab ID: 10338261011)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- BLANK (Lab ID: 2190262)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- DUP (Lab ID: 2190265)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- GW-RB (Lab ID: 10338261012)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MT/22472

N2: The lab does not hold TNI accreditation for this parameter.

- GW-RB (Lab ID: 10338261012)
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- LCS (Lab ID: 2190263)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- LCSD (Lab ID: 2190264)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- MS (Lab ID: 2190266)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Method: **MADEP VPH**
Description: MADEP VPH MA Water
Client: Newfields
Date: February 23, 2016

Analyte Comments:

QC Batch: MT/22472

N2: The lab does not hold TNI accreditation for this parameter.

- MS (Lab ID: 2190266)
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-1 **Lab ID: 10338261001** Collected: 02/10/16 09:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**376J**	ug/L	520	203	2	02/17/16 09:02	02/20/16 12:13		D3,N2
Surrogates									
1-Chloro-octadecane (S)	77	%.	40-140		2	02/17/16 09:02	02/20/16 12:13	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	5		02/16/16 14:05	1634-04-4	N2
Benzene	**<0.37**	ug/L	2.5	0.37	5		02/16/16 14:05	71-43-2	N2
Toluene	**<0.30**	ug/L	2.5	0.30	5		02/16/16 14:05	108-88-3	N2
Ethylbenzene	**<0.30**	ug/L	2.5	0.30	5		02/16/16 14:05	100-41-4	N2
m&p-Xylene	**<0.43**	ug/L	2.5	0.43	5		02/16/16 14:05	179601-23-1	N2
o-Xylene	**<0.39**	ug/L	2.5	0.39	5		02/16/16 14:05	95-47-6	N2
Xylene (Total)	**<0.82**	ug/L	10.0	0.82	5		02/16/16 14:05	1330-20-7	N2
Naphthalene	**7.2J**	ug/L	25.0	0.80	5		02/16/16 14:05	91-20-3	B,N2
Aliphatic, Adjusted(C05-C08)	**<7.1**	ug/L	100	7.1	5		02/16/16 14:05		N2
Aliphatic, Adjusted(C09-C12)	**<6.6**	ug/L	100	6.6	5		02/16/16 14:05		N2
Aromatic (C09-C10)	**<0.43**	ug/L	100	0.43	5		02/16/16 14:05		N2
Total Purgeable Hydro Carbons	**<11.6**	ug/L	100	11.6	5		02/16/16 14:05		N2
Aliphatic (C09-C12),Unadjusted	**<6.6**	ug/L	100	6.6	5		02/16/16 14:05		N2
Aliphatic (C05-C08),Unadjusted	**<7.1**	ug/L	100	7.1	5		02/16/16 14:05		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	113	%.	70-130		5		02/16/16 14:05	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-2 **Lab ID: 10338261002** Collected: 02/10/16 11:20 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**34.8**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 13:40	7440-38-2	
Barium	**936**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 13:40	7440-39-3	
Cadmium	**0.66J**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 13:40	7440-43-9	
Chromium	**198**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 13:40	7440-47-3	
Lead	**68.2**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 13:40	7439-92-1	
Selenium	**11.7J**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 13:40	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 13:40	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**0.21J**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:01	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.9**	ug/L	13.0	2.9	1	02/16/16 16:42	02/17/16 20:41	108-95-2	
bis(2-Chloroethyl) ether	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	111-44-4	
2-Chlorophenol	**<2.8**	ug/L	13.0	2.8	1	02/16/16 16:42	02/17/16 20:41	95-57-8	
1,3-Dichlorobenzene	**<2.1**	ug/L	13.0	2.1	1	02/16/16 16:42	02/17/16 20:41	541-73-1	
1,4-Dichlorobenzene	**<2.4**	ug/L	13.0	2.4	1	02/16/16 16:42	02/17/16 20:41	106-46-7	
1,2-Dichlorobenzene	**<2.5**	ug/L	13.0	2.5	1	02/16/16 16:42	02/17/16 20:41	95-50-1	
2-Methylphenol(o-Cresol)	**<2.6**	ug/L	13.0	2.6	1	02/16/16 16:42	02/17/16 20:41	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.9**	ug/L	13.0	2.9	1	02/16/16 16:42	02/17/16 20:41	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.9**	ug/L	26.0	2.9	1	02/16/16 16:42	02/17/16 20:41		
N-Nitroso-di-n-propylamine	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	621-64-7	
Hexachloroethane	**<2.1**	ug/L	13.0	2.1	1	02/16/16 16:42	02/17/16 20:41	67-72-1	
Nitrobenzene	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	98-95-3	
Isophorone	**<2.0**	ug/L	13.0	2.0	1	02/16/16 16:42	02/17/16 20:41	78-59-1	
2-Nitrophenol	**<2.9**	ug/L	13.0	2.9	1	02/16/16 16:42	02/17/16 20:41	88-75-5	
2,4-Dimethylphenol	**<8.7**	ug/L	64.9	8.7	1	02/16/16 16:42	02/17/16 20:41	105-67-9	
bis(2-Chloroethoxy)methane	**<2.0**	ug/L	13.0	2.0	1	02/16/16 16:42	02/17/16 20:41	111-91-1	
2,4-Dichlorophenol	**<2.9**	ug/L	13.0	2.9	1	02/16/16 16:42	02/17/16 20:41	120-83-2	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	13.0	2.5	1	02/16/16 16:42	02/17/16 20:41	120-82-1	
Naphthalene	**<2.6**	ug/L	13.0	2.6	1	02/16/16 16:42	02/17/16 20:41	91-20-3	
4-Chloroaniline	**<4.7**	ug/L	64.9	4.7	1	02/16/16 16:42	02/17/16 20:41	106-47-8	
Hexachloro-1,3-butadiene	**<2.2**	ug/L	13.0	2.2	1	02/16/16 16:42	02/17/16 20:41	87-68-3	
4-Chloro-3-methylphenol	**<2.0**	ug/L	13.0	2.0	1	02/16/16 16:42	02/17/16 20:41	59-50-7	
2-Methylnaphthalene	**<2.7**	ug/L	13.0	2.7	1	02/16/16 16:42	02/17/16 20:41	91-57-6	
2,4,6-Trichlorophenol	**<2.8**	ug/L	13.0	2.8	1	02/16/16 16:42	02/17/16 20:41	88-06-2	
2,4,5-Trichlorophenol	**<2.8**	ug/L	13.0	2.8	1	02/16/16 16:42	02/17/16 20:41	95-95-4	
2-Chloronaphthalene	**<2.9**	ug/L	13.0	2.9	1	02/16/16 16:42	02/17/16 20:41	91-58-7	
2-Nitroaniline	**<3.6**	ug/L	13.0	3.6	1	02/16/16 16:42	02/17/16 20:41	88-74-4	
Dimethylphthalate	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	131-11-3	
Acenaphthylene	**<2.9**	ug/L	13.0	2.9	1	02/16/16 16:42	02/17/16 20:41	208-96-8	
2,6-Dinitrotoluene	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	606-20-2	
3-Nitroaniline	**<6.5**	ug/L	13.0	6.5	1	02/16/16 16:42	02/17/16 20:41	99-09-2	
Acenaphthene	**<2.1**	ug/L	13.0	2.1	1	02/16/16 16:42	02/17/16 20:41	83-32-9	
2,4-Dinitrophenol	**<3.5**	ug/L	13.0	3.5	1	02/16/16 16:42	02/17/16 20:41	51-28-5	
4-Nitrophenol	**<4.4**	ug/L	13.0	4.4	1	02/16/16 16:42	02/17/16 20:41	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-2 **Lab ID: 10338261002** Collected: 02/10/16 11:20 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	132-64-9	
2,4-Dinitrotoluene	**<2.7**	ug/L	13.0	2.7	1	02/16/16 16:42	02/17/16 20:41	121-14-2	
Diethylphthalate	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	84-66-2	
4-Chlorophenylphenyl ether	**<1.8**	ug/L	13.0	1.8	1	02/16/16 16:42	02/17/16 20:41	7005-72-3	
Fluorene	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	86-73-7	
4-Nitroaniline	**<5.6**	ug/L	13.0	5.6	1	02/16/16 16:42	02/17/16 20:41	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.6**	ug/L	13.0	4.6	1	02/16/16 16:42	02/17/16 20:41	534-52-1	
N-Nitrosodiphenylamine	**<5.1**	ug/L	13.0	5.1	1	02/16/16 16:42	02/17/16 20:41	86-30-6	
4-Bromophenylphenyl ether	**<3.1**	ug/L	13.0	3.1	1	02/16/16 16:42	02/17/16 20:41	101-55-3	
Hexachlorobenzene	**<3.4**	ug/L	13.0	3.4	1	02/16/16 16:42	02/17/16 20:41	118-74-1	
Pentachlorophenol	**<2.9**	ug/L	26.0	2.9	1	02/16/16 16:42	02/17/16 20:41	87-86-5	
Phenanthrene	**<3.3**	ug/L	13.0	3.3	1	02/16/16 16:42	02/17/16 20:41	85-01-8	
Anthracene	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	120-12-7	
Di-n-butylphthalate	**<3.1**	ug/L	13.0	3.1	1	02/16/16 16:42	02/17/16 20:41	84-74-2	
Fluoranthene	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	206-44-0	
Pyrene	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	129-00-0	
Butylbenzylphthalate	**<2.5**	ug/L	13.0	2.5	1	02/16/16 16:42	02/17/16 20:41	85-68-7	
3,3'-Dichlorobenzidine	**<6.4**	ug/L	64.9	6.4	1	02/16/16 16:42	02/17/16 20:41	91-94-1	
Benzo(a)anthracene	**<6.5**	ug/L	13.0	6.5	1	02/16/16 16:42	02/17/16 20:41	56-55-3	
Chrysene	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	218-01-9	
bis(2-Ethylhexyl)phthalate	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	117-81-7	
Di-n-octylphthalate	**<2.2**	ug/L	13.0	2.2	1	02/16/16 16:42	02/17/16 20:41	117-84-0	
Benzo(b)fluoranthene	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	205-99-2	
Benzo(k)fluoranthene	**<3.6**	ug/L	13.0	3.6	1	02/16/16 16:42	02/17/16 20:41	207-08-9	
Benzo(a)pyrene	**<3.1**	ug/L	13.0	3.1	1	02/16/16 16:42	02/17/16 20:41	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.3**	ug/L	13.0	2.3	1	02/16/16 16:42	02/17/16 20:41	193-39-5	
Dibenz(a,h)anthracene	**<2.3**	ug/L	13.0	2.3	1	02/16/16 16:42	02/17/16 20:41	53-70-3	
Benzo(g,h,i)perylene	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	191-24-2	
N-Nitrosodimethylamine	**<3.0**	ug/L	13.0	3.0	1	02/16/16 16:42	02/17/16 20:41	62-75-9	
1,2-Diphenylhydrazine	**<3.2**	ug/L	13.0	3.2	1	02/16/16 16:42	02/17/16 20:41	122-66-7	
Carbazole	**<3.4**	ug/L	13.0	3.4	1	02/16/16 16:42	02/17/16 20:41	86-74-8	
1-Methylnaphthalene	**<2.7**	ug/L	13.0	2.7	1	02/16/16 16:42	02/17/16 20:41	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	73	%.	57-125		1	02/16/16 16:42	02/17/16 20:41	4165-60-0	
2-Fluorobiphenyl (S)	77	%.	48-125		1	02/16/16 16:42	02/17/16 20:41	321-60-8	
p-Terphenyl-d14 (S)	83	%.	64-125		1	02/16/16 16:42	02/17/16 20:41	1718-51-0	
Phenol-d6 (S)	72	%.	51-125		1	02/16/16 16:42	02/17/16 20:41	13127-88-3	
2-Fluorophenol (S)	70	%.	45-125		1	02/16/16 16:42	02/17/16 20:41	367-12-4	
2,4,6-Tribromophenol (S)	80	%.	64-125		1	02/16/16 16:42	02/17/16 20:41	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 19:30	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 19:30	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:30	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 19:30	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 19:30	74-97-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-2 **Lab ID: 10338261002** Collected: 02/10/16 11:20 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 19:30	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 19:30	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 19:30	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 19:30	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 19:30	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:30	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 19:30	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 19:30	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:30	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 19:30	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/19/16 19:30	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 19:30	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 19:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 19:30	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:30	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 19:30	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:30	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:30	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 19:30	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 19:30	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 19:30	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:30	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 19:30	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 19:30	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 19:30	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 19:30	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:30	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 19:30	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:30	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 19:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 19:30	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:30	99-87-6	
Methylene Chloride	**0.61J**	ug/L	4.0	0.56	1		02/19/16 19:30	75-09-2	B
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 19:30	108-10-1	
Methyl-tert-butyl ether	**1.5**	ug/L	0.50	0.20	1		02/19/16 19:30	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 19:30	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:30	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 19:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 19:30	630-20-6	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-2 **Lab ID: 10338261002** Collected: 02/10/16 11:20 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 19:30	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 19:30	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 19:30	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:30	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:30	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 19:30	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 19:30	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.40	0.14	1		02/19/16 19:30	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 19:30	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 19:30	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 19:30	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 19:30	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 19:30	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 19:30	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 19:30	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 19:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	85	%.	75-125		1		02/19/16 19:30	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		02/19/16 19:30	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/19/16 19:30	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**326J**	ug/L	505	197	2	02/17/16 09:04	02/20/16 12:45		D3,N2
Surrogates									
1-Chloro-octadecane (S)	79	%.	40-140		2	02/17/16 09:04	02/20/16 12:45	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.22**	ug/L	1.0	0.22	1		02/16/16 15:50	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/16/16 15:50	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/16/16 15:50	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/16/16 15:50	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/16/16 15:50	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/16/16 15:50	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/16/16 15:50	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/16/16 15:50	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/16/16 15:50		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/16/16 15:50		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/16/16 15:50		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/16/16 15:50		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/16/16 15:50		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/16/16 15:50		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	138	%.	70-130		1		02/16/16 15:50	98-08-8	S3

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-3 **Lab ID: 10338261003** Collected: 02/10/16 12:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**26.2**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 13:56	7440-38-2	
Barium	**1020**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 13:56	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 13:56	7440-43-9	
Chromium	**198**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 13:56	7440-47-3	
Lead	**65.6**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 13:56	7439-92-1	
Selenium	**31.6**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 13:56	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 13:56	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**0.27J**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:03	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	108-95-2	
bis(2-Chloroethyl) ether	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	111-44-4	
2-Chlorophenol	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	95-57-8	
1,3-Dichlorobenzene	**<1.9**	ug/L	11.4	1.9	1	02/16/16 16:42	02/17/16 21:12	541-73-1	
1,4-Dichlorobenzene	**<2.1**	ug/L	11.4	2.1	1	02/16/16 16:42	02/17/16 21:12	106-46-7	
1,2-Dichlorobenzene	**<2.2**	ug/L	11.4	2.2	1	02/16/16 16:42	02/17/16 21:12	95-50-1	
2-Methylphenol(o-Cresol)	**<2.3**	ug/L	11.4	2.3	1	02/16/16 16:42	02/17/16 21:12	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.6**	ug/L	22.7	2.6	1	02/16/16 16:42	02/17/16 21:12		
N-Nitroso-di-n-propylamine	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.4	1.9	1	02/16/16 16:42	02/17/16 21:12	67-72-1	
Nitrobenzene	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	98-95-3	
Isophorone	**<1.8**	ug/L	11.4	1.8	1	02/16/16 16:42	02/17/16 21:12	78-59-1	
2-Nitrophenol	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	88-75-5	
2,4-Dimethylphenol	**<7.6**	ug/L	56.8	7.6	1	02/16/16 16:42	02/17/16 21:12	105-67-9	
bis(2-Chloroethoxy)methane	**<1.7**	ug/L	11.4	1.7	1	02/16/16 16:42	02/17/16 21:12	111-91-1	
2,4-Dichlorophenol	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	120-83-2	
1,2,4-Trichlorobenzene	**<2.1**	ug/L	11.4	2.1	1	02/16/16 16:42	02/17/16 21:12	120-82-1	
Naphthalene	**<2.3**	ug/L	11.4	2.3	1	02/16/16 16:42	02/17/16 21:12	91-20-3	
4-Chloroaniline	**<4.1**	ug/L	56.8	4.1	1	02/16/16 16:42	02/17/16 21:12	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.4	1.9	1	02/16/16 16:42	02/17/16 21:12	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.4	1.8	1	02/16/16 16:42	02/17/16 21:12	59-50-7	
2-Methylnaphthalene	**<2.4**	ug/L	11.4	2.4	1	02/16/16 16:42	02/17/16 21:12	91-57-6	
2,4,6-Trichlorophenol	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	88-06-2	
2,4,5-Trichlorophenol	**<2.4**	ug/L	11.4	2.4	1	02/16/16 16:42	02/17/16 21:12	95-95-4	
2-Chloronaphthalene	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	91-58-7	
2-Nitroaniline	**<3.1**	ug/L	11.4	3.1	1	02/16/16 16:42	02/17/16 21:12	88-74-4	
Dimethylphthalate	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	131-11-3	
Acenaphthylene	**<2.5**	ug/L	11.4	2.5	1	02/16/16 16:42	02/17/16 21:12	208-96-8	
2,6-Dinitrotoluene	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	606-20-2	
3-Nitroaniline	**<5.7**	ug/L	11.4	5.7	1	02/16/16 16:42	02/17/16 21:12	99-09-2	
Acenaphthene	**<1.9**	ug/L	11.4	1.9	1	02/16/16 16:42	02/17/16 21:12	83-32-9	
2,4-Dinitrophenol	**<3.1**	ug/L	11.4	3.1	1	02/16/16 16:42	02/17/16 21:12	51-28-5	
4-Nitrophenol	**<3.8**	ug/L	11.4	3.8	1	02/16/16 16:42	02/17/16 21:12	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-3 **Lab ID: 10338261003** Collected: 02/10/16 12:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	132-64-9	
2,4-Dinitrotoluene	**<2.4**	ug/L	11.4	2.4	1	02/16/16 16:42	02/17/16 21:12	121-14-2	
Diethylphthalate	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	84-66-2	
4-Chlorophenylphenyl ether	**<1.6**	ug/L	11.4	1.6	1	02/16/16 16:42	02/17/16 21:12	7005-72-3	
Fluorene	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	86-73-7	
4-Nitroaniline	**<4.9**	ug/L	11.4	4.9	1	02/16/16 16:42	02/17/16 21:12	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.0**	ug/L	11.4	4.0	1	02/16/16 16:42	02/17/16 21:12	534-52-1	
N-Nitrosodiphenylamine	**<4.4**	ug/L	11.4	4.4	1	02/16/16 16:42	02/17/16 21:12	86-30-6	
4-Bromophenylphenyl ether	**<2.7**	ug/L	11.4	2.7	1	02/16/16 16:42	02/17/16 21:12	101-55-3	
Hexachlorobenzene	**<2.9**	ug/L	11.4	2.9	1	02/16/16 16:42	02/17/16 21:12	118-74-1	
Pentachlorophenol	**<2.5**	ug/L	22.7	2.5	1	02/16/16 16:42	02/17/16 21:12	87-86-5	
Phenanthrene	**<2.9**	ug/L	11.4	2.9	1	02/16/16 16:42	02/17/16 21:12	85-01-8	
Anthracene	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	120-12-7	
Di-n-butylphthalate	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	84-74-2	
Fluoranthene	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	206-44-0	
Pyrene	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	129-00-0	
Butylbenzylphthalate	**<2.1**	ug/L	11.4	2.1	1	02/16/16 16:42	02/17/16 21:12	85-68-7	
3,3'-Dichlorobenzidine	**<5.6**	ug/L	56.8	5.6	1	02/16/16 16:42	02/17/16 21:12	91-94-1	
Benzo(a)anthracene	**<5.7**	ug/L	11.4	5.7	1	02/16/16 16:42	02/17/16 21:12	56-55-3	
Chrysene	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.7**	ug/L	11.4	2.7	1	02/16/16 16:42	02/17/16 21:12	117-81-7	
Di-n-octylphthalate	**2.1J**	ug/L	11.4	1.9	1	02/16/16 16:42	02/17/16 21:12	117-84-0	
Benzo(b)fluoranthene	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	205-99-2	
Benzo(k)fluoranthene	**<3.1**	ug/L	11.4	3.1	1	02/16/16 16:42	02/17/16 21:12	207-08-9	
Benzo(a)pyrene	**<2.7**	ug/L	11.4	2.7	1	02/16/16 16:42	02/17/16 21:12	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.0**	ug/L	11.4	2.0	1	02/16/16 16:42	02/17/16 21:12	193-39-5	
Dibenz(a,h)anthracene	**<2.0**	ug/L	11.4	2.0	1	02/16/16 16:42	02/17/16 21:12	53-70-3	
Benzo(g,h,i)perylene	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	191-24-2	
N-Nitrosodimethylamine	**<2.6**	ug/L	11.4	2.6	1	02/16/16 16:42	02/17/16 21:12	62-75-9	
1,2-Diphenylhydrazine	**<2.8**	ug/L	11.4	2.8	1	02/16/16 16:42	02/17/16 21:12	122-66-7	
Carbazole	**<3.0**	ug/L	11.4	3.0	1	02/16/16 16:42	02/17/16 21:12	86-74-8	
1-Methylnaphthalene	**<2.4**	ug/L	11.4	2.4	1	02/16/16 16:42	02/17/16 21:12	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	75	%.	57-125		1	02/16/16 16:42	02/17/16 21:12	4165-60-0	
2-Fluorobiphenyl (S)	79	%.	48-125		1	02/16/16 16:42	02/17/16 21:12	321-60-8	
p-Terphenyl-d14 (S)	84	%.	64-125		1	02/16/16 16:42	02/17/16 21:12	1718-51-0	
Phenol-d6 (S)	72	%.	51-125		1	02/16/16 16:42	02/17/16 21:12	13127-88-3	
2-Fluorophenol (S)	71	%.	45-125		1	02/16/16 16:42	02/17/16 21:12	367-12-4	
2,4,6-Tribromophenol (S)	82	%.	64-125		1	02/16/16 16:42	02/17/16 21:12	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/18/16 20:27	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/18/16 20:27	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:27	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/18/16 20:27	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/18/16 20:27	74-97-5	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-3 **Lab ID: 10338261003** Collected: 02/10/16 12:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/18/16 20:27	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/18/16 20:27	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/18/16 20:27	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/18/16 20:27	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/18/16 20:27	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:27	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/18/16 20:27	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/18/16 20:27	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:27	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/18/16 20:27	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/18/16 20:27	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/18/16 20:27	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/18/16 20:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/18/16 20:27	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:27	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/18/16 20:27	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:27	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:27	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/18/16 20:27	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/18/16 20:27	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/18/16 20:27	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:27	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/18/16 20:27	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/18/16 20:27	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/18/16 20:27	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/18/16 20:27	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:27	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/18/16 20:27	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/18/16 20:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/18/16 20:27	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:27	99-87-6	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		02/18/16 20:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/18/16 20:27	108-10-1	
Methyl-tert-butyl ether	**5.1**	ug/L	0.50	0.20	1		02/18/16 20:27	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/18/16 20:27	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:27	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/18/16 20:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/18/16 20:27	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-3 **Lab ID: 10338261003** Collected: 02/10/16 12:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/18/16 20:27	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/18/16 20:27	109-99-9	
Toluene	**0.20J**	ug/L	0.50	0.13	1		02/18/16 20:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:27	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/18/16 20:27	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/18/16 20:27	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.40	0.14	1		02/18/16 20:27	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/18/16 20:27	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/18/16 20:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/18/16 20:27	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/18/16 20:27	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/18/16 20:27	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/18/16 20:27	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/18/16 20:27	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/18/16 20:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	87	%.	75-125		1		02/18/16 20:27	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		02/18/16 20:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/18/16 20:27	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**655**	ug/L	520	203	2	02/17/16 09:04	02/20/16 13:18		N2
Surrogates									
1-Chloro-octadecane (S)	70	%.	40-140		2	02/17/16 09:04	02/20/16 13:18	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.22**	ug/L	1.0	0.22	1		02/18/16 14:10	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 14:10	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 14:10	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 14:10	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 14:10	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 14:10	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 14:10	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 14:10	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 14:10		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 14:10		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 14:10		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 14:10		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 14:10		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 14:10		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	95	%.	70-130		1		02/18/16 14:10	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-4 **Lab ID: 10338261004** Collected: 02/09/16 15:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**148**	ug/L	100	20.2	1	02/15/16 18:01	02/16/16 13:59	7440-38-2	
Barium	**3230**	ug/L	50.0	6.1	1	02/15/16 18:01	02/16/16 13:59	7440-39-3	
Cadmium	**<3.2**	ug/L	15.0	3.2	1	02/15/16 18:01	02/16/16 13:59	7440-43-9	
Chromium	**502**	ug/L	50.0	4.4	1	02/15/16 18:01	02/16/16 13:59	7440-47-3	
Lead	**150**	ug/L	50.0	10.2	1	02/15/16 18:01	02/16/16 13:59	7439-92-1	
Selenium	**<41.3**	ug/L	100	41.3	1	02/15/16 18:01	02/16/16 13:59	7782-49-2	
Silver	**<11.8**	ug/L	50.0	11.8	1	02/15/16 18:01	02/16/16 13:59	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**1.1**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:09	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 17:08	108-95-2	
bis(2-Chloroethyl) ether	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	111-44-4	
2-Chlorophenol	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 17:08	95-57-8	
1,3-Dichlorobenzene	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 17:08	541-73-1	
1,4-Dichlorobenzene	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 17:08	106-46-7	
1,2-Dichlorobenzene	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 17:08	95-50-1	
2-Methylphenol(o-Cresol)	**<2.2**	ug/L	11.2	2.2	1	02/16/16 16:42	02/17/16 17:08	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 17:08	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.5**	ug/L	22.5	2.5	1	02/16/16 16:42	02/17/16 17:08		
N-Nitroso-di-n-propylamine	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.2	1.9	1	02/16/16 16:42	02/17/16 17:08	67-72-1	
Nitrobenzene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 17:08	98-95-3	
Isophorone	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 17:08	78-59-1	
2-Nitrophenol	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 17:08	88-75-5	
2,4-Dimethylphenol	**<7.6**	ug/L	56.2	7.6	1	02/16/16 16:42	02/17/16 17:08	105-67-9	
bis(2-Chloroethoxy)methane	**<1.7**	ug/L	11.2	1.7	1	02/16/16 16:42	02/17/16 17:08	111-91-1	
2,4-Dichlorophenol	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 17:08	120-83-2	
1,2,4-Trichlorobenzene	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 17:08	120-82-1	
Naphthalene	**<2.2**	ug/L	11.2	2.2	1	02/16/16 16:42	02/17/16 17:08	91-20-3	
4-Chloroaniline	**<4.0**	ug/L	56.2	4.0	1	02/16/16 16:42	02/17/16 17:08	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.2	1.9	1	02/16/16 16:42	02/17/16 17:08	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 17:08	59-50-7	
2-Methylnaphthalene	**<2.3**	ug/L	11.2	2.3	1	02/16/16 16:42	02/17/16 17:08	91-57-6	
2,4,6-Trichlorophenol	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 17:08	88-06-2	
2,4,5-Trichlorophenol	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 17:08	95-95-4	
2-Chloronaphthalene	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 17:08	91-58-7	
2-Nitroaniline	**<3.1**	ug/L	11.2	3.1	1	02/16/16 16:42	02/17/16 17:08	88-74-4	
Dimethylphthalate	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	131-11-3	
Acenaphthylene	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 17:08	208-96-8	
2,6-Dinitrotoluene	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	606-20-2	
3-Nitroaniline	**<5.6**	ug/L	11.2	5.6	1	02/16/16 16:42	02/17/16 17:08	99-09-2	
Acenaphthene	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 17:08	83-32-9	
2,4-Dinitrophenol	**<3.1**	ug/L	11.2	3.1	1	02/16/16 16:42	02/17/16 17:08	51-28-5	
4-Nitrophenol	**<3.8**	ug/L	11.2	3.8	1	02/16/16 16:42	02/17/16 17:08	100-02-7	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-4 **Lab ID: 10338261004** Collected: 02/09/16 15:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	132-64-9	
2,4-Dinitrotoluene	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 17:08	121-14-2	
Diethylphthalate	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	84-66-2	
4-Chlorophenylphenyl ether	**<1.6**	ug/L	11.2	1.6	1	02/16/16 16:42	02/17/16 17:08	7005-72-3	
Fluorene	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	86-73-7	
4-Nitroaniline	**<4.9**	ug/L	11.2	4.9	1	02/16/16 16:42	02/17/16 17:08	100-01-6	
4,6-Dinitro-2-methylphenol	**<3.9**	ug/L	11.2	3.9	1	02/16/16 16:42	02/17/16 17:08	534-52-1	
N-Nitrosodiphenylamine	**<4.4**	ug/L	11.2	4.4	1	02/16/16 16:42	02/17/16 17:08	86-30-6	
4-Bromophenylphenyl ether	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	101-55-3	
Hexachlorobenzene	**<2.9**	ug/L	11.2	2.9	1	02/16/16 16:42	02/17/16 17:08	118-74-1	
Pentachlorophenol	**<2.5**	ug/L	22.5	2.5	1	02/16/16 16:42	02/17/16 17:08	87-86-5	
Phenanthrene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 17:08	85-01-8	
Anthracene	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	120-12-7	
Di-n-butylphthalate	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	84-74-2	
Fluoranthene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 17:08	206-44-0	
Pyrene	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	129-00-0	
Butylbenzylphthalate	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 17:08	85-68-7	
3,3'-Dichlorobenzidine	**<5.5**	ug/L	56.2	5.5	1	02/16/16 16:42	02/17/16 17:08	91-94-1	
Benzo(a)anthracene	**<5.6**	ug/L	11.2	5.6	1	02/16/16 16:42	02/17/16 17:08	56-55-3	
Chrysene	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	117-81-7	
Di-n-octylphthalate	**<1.9**	ug/L	11.2	1.9	1	02/16/16 16:42	02/17/16 17:08	117-84-0	
Benzo(b)fluoranthene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 17:08	205-99-2	
Benzo(k)fluoranthene	**<3.1**	ug/L	11.2	3.1	1	02/16/16 16:42	02/17/16 17:08	207-08-9	
Benzo(a)pyrene	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.0**	ug/L	11.2	2.0	1	02/16/16 16:42	02/17/16 17:08	193-39-5	
Dibenz(a,h)anthracene	**<2.0**	ug/L	11.2	2.0	1	02/16/16 16:42	02/17/16 17:08	53-70-3	
Benzo(g,h,i)perylene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 17:08	191-24-2	
N-Nitrosodimethylamine	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 17:08	62-75-9	
1,2-Diphenylhydrazine	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 17:08	122-66-7	
Carbazole	**<3.0**	ug/L	11.2	3.0	1	02/16/16 16:42	02/17/16 17:08	86-74-8	
1-Methylnaphthalene	**<2.3**	ug/L	11.2	2.3	1	02/16/16 16:42	02/17/16 17:08	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	70	%.	57-125		1	02/16/16 16:42	02/17/16 17:08	4165-60-0	
2-Fluorobiphenyl (S)	73	%.	48-125		1	02/16/16 16:42	02/17/16 17:08	321-60-8	
p-Terphenyl-d14 (S)	75	%.	64-125		1	02/16/16 16:42	02/17/16 17:08	1718-51-0	
Phenol-d6 (S)	65	%.	51-125		1	02/16/16 16:42	02/17/16 17:08	13127-88-3	
2-Fluorophenol (S)	63	%.	45-125		1	02/16/16 16:42	02/17/16 17:08	367-12-4	
2,4,6-Tribromophenol (S)	81	%.	64-125		1	02/16/16 16:42	02/17/16 17:08	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/18/16 20:50	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/18/16 20:50	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:50	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/18/16 20:50	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/18/16 20:50	74-97-5	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-4 **Lab ID: 10338261004** Collected: 02/09/16 15:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/18/16 20:50	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/18/16 20:50	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/18/16 20:50	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/18/16 20:50	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/18/16 20:50	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:50	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/18/16 20:50	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/18/16 20:50	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:50	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/18/16 20:50	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/18/16 20:50	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/18/16 20:50	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/18/16 20:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/18/16 20:50	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:50	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/18/16 20:50	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:50	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:50	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/18/16 20:50	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	75-34-3	
1,2-Dichloroethane	**0.21J**	ug/L	0.50	0.17	1		02/18/16 20:50	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/18/16 20:50	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:50	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/18/16 20:50	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/18/16 20:50	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/18/16 20:50	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/18/16 20:50	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:50	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/18/16 20:50	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:50	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/18/16 20:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/18/16 20:50	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:50	99-87-6	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		02/18/16 20:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/18/16 20:50	108-10-1	
Methyl-tert-butyl ether	**50.4**	ug/L	0.50	0.20	1		02/18/16 20:50	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/18/16 20:50	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 20:50	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/18/16 20:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/18/16 20:50	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-4 **Lab ID: 10338261004** Collected: 02/09/16 15:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/18/16 20:50	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/18/16 20:50	109-99-9	
Toluene	**0.18J**	ug/L	0.50	0.13	1		02/18/16 20:50	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 20:50	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 20:50	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/18/16 20:50	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/18/16 20:50	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.40	0.14	1		02/18/16 20:50	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/18/16 20:50	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/18/16 20:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/18/16 20:50	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 20:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/18/16 20:50	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/18/16 20:50	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/18/16 20:50	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/18/16 20:50	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/18/16 20:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		02/18/16 20:50	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		02/18/16 20:50	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		02/18/16 20:50	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**361J**	ug/L	559	218	2	02/17/16 09:05	02/20/16 13:51		D3,N2
Surrogates									
1-Chloro-octadecane (S)	75	%.	40-140		2	02/17/16 09:05	02/20/16 13:51	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**47.1**	ug/L	5.0	1.1	5		02/18/16 14:47	1634-04-4	N2
Benzene	**<0.37**	ug/L	2.5	0.37	5		02/18/16 14:47	71-43-2	N2
Toluene	**<0.30**	ug/L	2.5	0.30	5		02/18/16 14:47	108-88-3	N2
Ethylbenzene	**<0.30**	ug/L	2.5	0.30	5		02/18/16 14:47	100-41-4	N2
m&p-Xylene	**<0.43**	ug/L	2.5	0.43	5		02/18/16 14:47	179601-23-1	N2
o-Xylene	**<0.39**	ug/L	2.5	0.39	5		02/18/16 14:47	95-47-6	N2
Xylene (Total)	**<0.82**	ug/L	10.0	0.82	5		02/18/16 14:47	1330-20-7	N2
Naphthalene	**<0.80**	ug/L	25.0	0.80	5		02/18/16 14:47	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<7.1**	ug/L	100	7.1	5		02/18/16 14:47		N2
Aliphatic, Adjusted(C09-C12)	**<6.6**	ug/L	100	6.6	5		02/18/16 14:47		N2
Aromatic (C09-C10)	**<0.43**	ug/L	100	0.43	5		02/18/16 14:47		N2
Total Purgeable Hydro Carbons	**<11.6**	ug/L	100	11.6	5		02/18/16 14:47		N2
Aliphatic (C09-C12),Unadjusted	**<6.6**	ug/L	100	6.6	5		02/18/16 14:47		N2
Aliphatic (C05-C08),Unadjusted	**<7.1**	ug/L	100	7.1	5		02/18/16 14:47		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	70-130		5		02/18/16 14:47	98-08-8	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-5 **Lab ID: 10338261005** Collected: 02/09/16 13:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**89.1**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:02	7440-38-2	
Barium	**4820**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:02	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:02	7440-43-9	
Chromium	**353**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:02	7440-47-3	
Lead	**60.7**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:02	7439-92-1	
Selenium	**19.5J**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:02	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:02	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**0.21J**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:11	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 17:39	108-95-2	
bis(2-Chloroethyl) ether	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	111-44-4	
2-Chlorophenol	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 17:39	95-57-8	
1,3-Dichlorobenzene	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 17:39	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 17:39	106-46-7	
1,2-Dichlorobenzene	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 17:39	95-50-1	
2-Methylphenol(o-Cresol)	**<2.3**	ug/L	11.6	2.3	1	02/16/16 16:42	02/17/16 17:39	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 17:39	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.6**	ug/L	23.3	2.6	1	02/16/16 16:42	02/17/16 17:39		
N-Nitroso-di-n-propylamine	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 17:39	67-72-1	
Nitrobenzene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 17:39	98-95-3	
Isophorone	**<1.8**	ug/L	11.6	1.8	1	02/16/16 16:42	02/17/16 17:39	78-59-1	
2-Nitrophenol	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 17:39	88-75-5	
2,4-Dimethylphenol	**<7.8**	ug/L	58.1	7.8	1	02/16/16 16:42	02/17/16 17:39	105-67-9	
bis(2-Chloroethoxy)methane	**<1.8**	ug/L	11.6	1.8	1	02/16/16 16:42	02/17/16 17:39	111-91-1	
2,4-Dichlorophenol	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 17:39	120-83-2	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 17:39	120-82-1	
Naphthalene	**<2.3**	ug/L	11.6	2.3	1	02/16/16 16:42	02/17/16 17:39	91-20-3	
4-Chloroaniline	**<4.2**	ug/L	58.1	4.2	1	02/16/16 16:42	02/17/16 17:39	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 17:39	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.6	1.8	1	02/16/16 16:42	02/17/16 17:39	59-50-7	
2-Methylnaphthalene	**<2.4**	ug/L	11.6	2.4	1	02/16/16 16:42	02/17/16 17:39	91-57-6	
2,4,6-Trichlorophenol	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 17:39	88-06-2	
2,4,5-Trichlorophenol	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 17:39	95-95-4	
2-Chloronaphthalene	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 17:39	91-58-7	
2-Nitroaniline	**<3.2**	ug/L	11.6	3.2	1	02/16/16 16:42	02/17/16 17:39	88-74-4	
Dimethylphthalate	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	131-11-3	
Acenaphthylene	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 17:39	208-96-8	
2,6-Dinitrotoluene	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	606-20-2	
3-Nitroaniline	**<5.8**	ug/L	11.6	5.8	1	02/16/16 16:42	02/17/16 17:39	99-09-2	
Acenaphthene	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 17:39	83-32-9	
2,4-Dinitrophenol	**<3.2**	ug/L	11.6	3.2	1	02/16/16 16:42	02/17/16 17:39	51-28-5	
4-Nitrophenol	**<3.9**	ug/L	11.6	3.9	1	02/16/16 16:42	02/17/16 17:39	100-02-7	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-5 **Lab ID: 10338261005** Collected: 02/09/16 13:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	132-64-9	
2,4-Dinitrotoluene	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 17:39	121-14-2	
Diethylphthalate	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	84-66-2	
4-Chlorophenylphenyl ether	**<1.7**	ug/L	11.6	1.7	1	02/16/16 16:42	02/17/16 17:39	7005-72-3	
Fluorene	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	86-73-7	
4-Nitroaniline	**<5.0**	ug/L	11.6	5.0	1	02/16/16 16:42	02/17/16 17:39	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.1**	ug/L	11.6	4.1	1	02/16/16 16:42	02/17/16 17:39	534-52-1	
N-Nitrosodiphenylamine	**<4.5**	ug/L	11.6	4.5	1	02/16/16 16:42	02/17/16 17:39	86-30-6	
4-Bromophenylphenyl ether	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	101-55-3	
Hexachlorobenzene	**<3.0**	ug/L	11.6	3.0	1	02/16/16 16:42	02/17/16 17:39	118-74-1	
Pentachlorophenol	**<2.6**	ug/L	23.3	2.6	1	02/16/16 16:42	02/17/16 17:39	87-86-5	
Phenanthrene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 17:39	85-01-8	
Anthracene	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	120-12-7	
Di-n-butylphthalate	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	84-74-2	
Fluoranthene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 17:39	206-44-0	
Pyrene	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	129-00-0	
Butylbenzylphthalate	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 17:39	85-68-7	
3,3'-Dichlorobenzidine	**<5.7**	ug/L	58.1	5.7	1	02/16/16 16:42	02/17/16 17:39	91-94-1	
Benzo(a)anthracene	**<5.8**	ug/L	11.6	5.8	1	02/16/16 16:42	02/17/16 17:39	56-55-3	
Chrysene	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	117-81-7	
Di-n-octylphthalate	**<2.0**	ug/L	11.6	2.0	1	02/16/16 16:42	02/17/16 17:39	117-84-0	
Benzo(b)fluoranthene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 17:39	205-99-2	
Benzo(k)fluoranthene	**<3.2**	ug/L	11.6	3.2	1	02/16/16 16:42	02/17/16 17:39	207-08-9	
Benzo(a)pyrene	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.1**	ug/L	11.6	2.1	1	02/16/16 16:42	02/17/16 17:39	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	11.6	2.1	1	02/16/16 16:42	02/17/16 17:39	53-70-3	
Benzo(g,h,i)perylene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 17:39	191-24-2	
N-Nitrosodimethylamine	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 17:39	62-75-9	
1,2-Diphenylhydrazine	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 17:39	122-66-7	
Carbazole	**<3.1**	ug/L	11.6	3.1	1	02/16/16 16:42	02/17/16 17:39	86-74-8	
1-Methylnaphthalene	**<2.4**	ug/L	11.6	2.4	1	02/16/16 16:42	02/17/16 17:39	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	79	%.	57-125		1	02/16/16 16:42	02/17/16 17:39	4165-60-0	
2-Fluorobiphenyl (S)	83	%.	48-125		1	02/16/16 16:42	02/17/16 17:39	321-60-8	
p-Terphenyl-d14 (S)	82	%.	64-125		1	02/16/16 16:42	02/17/16 17:39	1718-51-0	
Phenol-d6 (S)	76	%.	51-125		1	02/16/16 16:42	02/17/16 17:39	13127-88-3	
2-Fluorophenol (S)	75	%.	45-125		1	02/16/16 16:42	02/17/16 17:39	367-12-4	
2,4,6-Tribromophenol (S)	82	%.	64-125		1	02/16/16 16:42	02/17/16 17:39	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/18/16 21:12	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/18/16 21:12	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 21:12	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/18/16 21:12	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/18/16 21:12	74-97-5	

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150 N Ninth Street
Billings, MT 59101
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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-5 **Lab ID: 10338261005** Collected: 02/09/16 13:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/18/16 21:12	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/18/16 21:12	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/18/16 21:12	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/18/16 21:12	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/18/16 21:12	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 21:12	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/18/16 21:12	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/18/16 21:12	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 21:12	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/18/16 21:12	75-00-3	
Chloroform	**0.67J**	ug/L	1.0	0.27	1		02/18/16 21:12	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/18/16 21:12	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/18/16 21:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/18/16 21:12	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/18/16 21:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/18/16 21:12	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/18/16 21:12	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 21:12	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 21:12	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/18/16 21:12	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	75-34-3	
1,2-Dichloroethane	**0.56**	ug/L	0.50	0.17	1		02/18/16 21:12	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	75-35-4	
cis-1,2-Dichloroethene	**0.27J**	ug/L	0.50	0.25	1		02/18/16 21:12	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 21:12	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/18/16 21:12	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/18/16 21:12	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/18/16 21:12	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/18/16 21:12	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 21:12	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 21:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/18/16 21:12	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 21:12	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/18/16 21:12	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/18/16 21:12	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 21:12	99-87-6	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		02/18/16 21:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/18/16 21:12	108-10-1	
Methyl-tert-butyl ether	**37.1**	ug/L	0.50	0.20	1		02/18/16 21:12	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/18/16 21:12	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/18/16 21:12	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/18/16 21:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/18/16 21:12	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-5 **Lab ID: 10338261005** Collected: 02/09/16 13:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	79-34-5	
Tetrachloroethene	**3.2**	ug/L	0.50	0.19	1		02/18/16 21:12	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/18/16 21:12	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/18/16 21:12	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/18/16 21:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/18/16 21:12	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/18/16 21:12	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/18/16 21:12	79-00-5	
Trichloroethene	**0.33J**	ug/L	0.40	0.14	1		02/18/16 21:12	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/18/16 21:12	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/18/16 21:12	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/18/16 21:12	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/18/16 21:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/18/16 21:12	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/18/16 21:12	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/18/16 21:12	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/18/16 21:12	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/18/16 21:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		02/18/16 21:12	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		02/18/16 21:12	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/18/16 21:12	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<97.8**	ug/L	250	97.8	1	02/17/16 09:05	02/20/16 14:23		N2
Surrogates									
1-Chloro-octadecane (S)	80	%.	40-140		1	02/17/16 09:05	02/20/16 14:23	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**32.2**	ug/L	1.0	0.22	1		02/18/16 15:19	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 15:19	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 15:19	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 15:19	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 15:19	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 15:19	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 15:19	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 15:19	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 15:19		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 15:19		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 15:19		N2
Total Purgeable Hydro Carbons	**9.7J**	ug/L	20.0	2.3	1		02/18/16 15:19		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 15:19		N2
Aliphatic (C05-C08),Unadjusted	**11.0J**	ug/L	20.0	1.4	1		02/18/16 15:19		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	35	%.	70-130		1		02/18/16 15:19	98-08-8	S7

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-6 **Lab ID: 10338261006** Collected: 02/09/16 12:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**13.5J**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:32	7440-38-2	
Barium	**743**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:32	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:32	7440-43-9	
Chromium	**62.7**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:32	7440-47-3	
Lead	**13.7**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:32	7439-92-1	
Selenium	**<8.3**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:32	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:32	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**<0.065**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:18	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	108-95-2	
bis(2-Chloroethyl) ether	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	111-44-4	
2-Chlorophenol	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	95-57-8	
1,3-Dichlorobenzene	**<1.9**	ug/L	11.8	1.9	1	02/16/16 16:42	02/17/16 18:09	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	11.8	2.2	1	02/16/16 16:42	02/17/16 18:09	106-46-7	
1,2-Dichlorobenzene	**<2.2**	ug/L	11.8	2.2	1	02/16/16 16:42	02/17/16 18:09	95-50-1	
2-Methylphenol(o-Cresol)	**<2.3**	ug/L	11.8	2.3	1	02/16/16 16:42	02/17/16 18:09	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.6**	ug/L	23.5	2.6	1	02/16/16 16:42	02/17/16 18:09		
N-Nitroso-di-n-propylamine	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.8	1.9	1	02/16/16 16:42	02/17/16 18:09	67-72-1	
Nitrobenzene	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	98-95-3	
Isophorone	**<1.8**	ug/L	11.8	1.8	1	02/16/16 16:42	02/17/16 18:09	78-59-1	
2-Nitrophenol	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	88-75-5	
2,4-Dimethylphenol	**<7.9**	ug/L	58.8	7.9	1	02/16/16 16:42	02/17/16 18:09	105-67-9	
bis(2-Chloroethoxy)methane	**<1.8**	ug/L	11.8	1.8	1	02/16/16 16:42	02/17/16 18:09	111-91-1	
2,4-Dichlorophenol	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	120-83-2	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	11.8	2.2	1	02/16/16 16:42	02/17/16 18:09	120-82-1	
Naphthalene	**<2.4**	ug/L	11.8	2.4	1	02/16/16 16:42	02/17/16 18:09	91-20-3	
4-Chloroaniline	**<4.2**	ug/L	58.8	4.2	1	02/16/16 16:42	02/17/16 18:09	106-47-8	
Hexachloro-1,3-butadiene	**<2.0**	ug/L	11.8	2.0	1	02/16/16 16:42	02/17/16 18:09	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.8	1.8	1	02/16/16 16:42	02/17/16 18:09	59-50-7	
2-Methylnaphthalene	**<2.4**	ug/L	11.8	2.4	1	02/16/16 16:42	02/17/16 18:09	91-57-6	
2,4,6-Trichlorophenol	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	88-06-2	
2,4,5-Trichlorophenol	**<2.5**	ug/L	11.8	2.5	1	02/16/16 16:42	02/17/16 18:09	95-95-4	
2-Chloronaphthalene	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	91-58-7	
2-Nitroaniline	**<3.2**	ug/L	11.8	3.2	1	02/16/16 16:42	02/17/16 18:09	88-74-4	
Dimethylphthalate	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	131-11-3	
Acenaphthylene	**<2.6**	ug/L	11.8	2.6	1	02/16/16 16:42	02/17/16 18:09	208-96-8	
2,6-Dinitrotoluene	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	606-20-2	
3-Nitroaniline	**<5.9**	ug/L	11.8	5.9	1	02/16/16 16:42	02/17/16 18:09	99-09-2	
Acenaphthene	**<1.9**	ug/L	11.8	1.9	1	02/16/16 16:42	02/17/16 18:09	83-32-9	
2,4-Dinitrophenol	**<3.2**	ug/L	11.8	3.2	1	02/16/16 16:42	02/17/16 18:09	51-28-5	
4-Nitrophenol	**<4.0**	ug/L	11.8	4.0	1	02/16/16 16:42	02/17/16 18:09	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-6 **Lab ID: 10338261006** Collected: 02/09/16 12:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	132-64-9	
2,4-Dinitrotoluene	**<2.5**	ug/L	11.8	2.5	1	02/16/16 16:42	02/17/16 18:09	121-14-2	
Diethylphthalate	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	84-66-2	
4-Chlorophenylphenyl ether	**<1.7**	ug/L	11.8	1.7	1	02/16/16 16:42	02/17/16 18:09	7005-72-3	
Fluorene	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	86-73-7	
4-Nitroaniline	**<5.1**	ug/L	11.8	5.1	1	02/16/16 16:42	02/17/16 18:09	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.1**	ug/L	11.8	4.1	1	02/16/16 16:42	02/17/16 18:09	534-52-1	
N-Nitrosodiphenylamine	**<4.6**	ug/L	11.8	4.6	1	02/16/16 16:42	02/17/16 18:09	86-30-6	
4-Bromophenylphenyl ether	**<2.8**	ug/L	11.8	2.8	1	02/16/16 16:42	02/17/16 18:09	101-55-3	
Hexachlorobenzene	**<3.0**	ug/L	11.8	3.0	1	02/16/16 16:42	02/17/16 18:09	118-74-1	
Pentachlorophenol	**<2.6**	ug/L	23.5	2.6	1	02/16/16 16:42	02/17/16 18:09	87-86-5	
Phenanthrene	**<3.0**	ug/L	11.8	3.0	1	02/16/16 16:42	02/17/16 18:09	85-01-8	
Anthracene	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	120-12-7	
Di-n-butylphthalate	**<2.8**	ug/L	11.8	2.8	1	02/16/16 16:42	02/17/16 18:09	84-74-2	
Fluoranthene	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	206-44-0	
Pyrene	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	129-00-0	
Butylbenzylphthalate	**<2.2**	ug/L	11.8	2.2	1	02/16/16 16:42	02/17/16 18:09	85-68-7	
3,3'-Dichlorobenzidine	**<5.8**	ug/L	58.8	5.8	1	02/16/16 16:42	02/17/16 18:09	91-94-1	
Benzo(a)anthracene	**<5.9**	ug/L	11.8	5.9	1	02/16/16 16:42	02/17/16 18:09	56-55-3	
Chrysene	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.8**	ug/L	11.8	2.8	1	02/16/16 16:42	02/17/16 18:09	117-81-7	
Di-n-octylphthalate	**<2.0**	ug/L	11.8	2.0	1	02/16/16 16:42	02/17/16 18:09	117-84-0	
Benzo(b)fluoranthene	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	205-99-2	
Benzo(k)fluoranthene	**<3.2**	ug/L	11.8	3.2	1	02/16/16 16:42	02/17/16 18:09	207-08-9	
Benzo(a)pyrene	**<2.8**	ug/L	11.8	2.8	1	02/16/16 16:42	02/17/16 18:09	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.1**	ug/L	11.8	2.1	1	02/16/16 16:42	02/17/16 18:09	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	11.8	2.1	1	02/16/16 16:42	02/17/16 18:09	53-70-3	
Benzo(g,h,i)perylene	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	191-24-2	
N-Nitrosodimethylamine	**<2.7**	ug/L	11.8	2.7	1	02/16/16 16:42	02/17/16 18:09	62-75-9	
1,2-Diphenylhydrazine	**<2.9**	ug/L	11.8	2.9	1	02/16/16 16:42	02/17/16 18:09	122-66-7	
Carbazole	**<3.1**	ug/L	11.8	3.1	1	02/16/16 16:42	02/17/16 18:09	86-74-8	
1-Methylnaphthalene	**<2.4**	ug/L	11.8	2.4	1	02/16/16 16:42	02/17/16 18:09	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%.	57-125		1	02/16/16 16:42	02/17/16 18:09	4165-60-0	
2-Fluorobiphenyl (S)	83	%.	48-125		1	02/16/16 16:42	02/17/16 18:09	321-60-8	
p-Terphenyl-d14 (S)	86	%.	64-125		1	02/16/16 16:42	02/17/16 18:09	1718-51-0	
Phenol-d6 (S)	75	%.	51-125		1	02/16/16 16:42	02/17/16 18:09	13127-88-3	
2-Fluorophenol (S)	74	%.	45-125		1	02/16/16 16:42	02/17/16 18:09	367-12-4	
2,4,6-Tribromophenol (S)	79	%.	64-125		1	02/16/16 16:42	02/17/16 18:09	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 19:52	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 19:52	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:52	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 19:52	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 19:52	74-97-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-6 **Lab ID: 10338261006** Collected: 02/09/16 12:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 19:52	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 19:52	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 19:52	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 19:52	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 19:52	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 19:52	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 19:52	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:52	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 19:52	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/19/16 19:52	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 19:52	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 19:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 19:52	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:52	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 19:52	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:52	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:52	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 19:52	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	75-34-3	
1,2-Dichloroethane	**1.4**	ug/L	0.50	0.17	1		02/19/16 19:52	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 19:52	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:52	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 19:52	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 19:52	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 19:52	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 19:52	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:52	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 19:52	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:52	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 19:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 19:52	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:52	99-87-6	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		02/19/16 19:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 19:52	108-10-1	
Methyl-tert-butyl ether	**111**	ug/L	0.50	0.20	1		02/19/16 19:52	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 19:52	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 19:52	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 19:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 19:52	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-6 **Lab ID: 10338261006** Collected: 02/09/16 12:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	79-34-5	
Tetrachloroethene	**11.4**	ug/L	0.50	0.19	1		02/19/16 19:52	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 19:52	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 19:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 19:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 19:52	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 19:52	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 19:52	79-00-5	
Trichloroethene	**0.79**	ug/L	0.40	0.14	1		02/19/16 19:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 19:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 19:52	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 19:52	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 19:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 19:52	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 19:52	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 19:52	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 19:52	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 19:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	84	%.	75-125		1		02/19/16 19:52	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		02/19/16 19:52	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		02/19/16 19:52	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<92.0**	ug/L	235	92.0	1	02/17/16 09:05	02/20/16 14:56		N2
Surrogates									
1-Chloro-octadecane (S)	80	%.	40-140		1	02/17/16 09:05	02/20/16 14:56	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**105**	ug/L	5.0	1.1	5		02/18/16 15:50	1634-04-4	N2
Benzene	**<0.37**	ug/L	2.5	0.37	5		02/18/16 15:50	71-43-2	N2
Toluene	**<0.30**	ug/L	2.5	0.30	5		02/18/16 15:50	108-88-3	N2
Ethylbenzene	**<0.30**	ug/L	2.5	0.30	5		02/18/16 15:50	100-41-4	N2
m&p-Xylene	**<0.43**	ug/L	2.5	0.43	5		02/18/16 15:50	179601-23-1	N2
o-Xylene	**<0.39**	ug/L	2.5	0.39	5		02/18/16 15:50	95-47-6	N2
Xylene (Total)	**<0.82**	ug/L	10.0	0.82	5		02/18/16 15:50	1330-20-7	N2
Naphthalene	**<0.80**	ug/L	25.0	0.80	5		02/18/16 15:50	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<7.1**	ug/L	100	7.1	5		02/18/16 15:50		N2
Aliphatic, Adjusted(C09-C12)	**<6.6**	ug/L	100	6.6	5		02/18/16 15:50		N2
Aromatic (C09-C10)	**<0.43**	ug/L	100	0.43	5		02/18/16 15:50		N2
Total Purgeable Hydro Carbons	**<11.6**	ug/L	100	11.6	5		02/18/16 15:50		N2
Aliphatic (C09-C12),Unadjusted	**<6.6**	ug/L	100	6.6	5		02/18/16 15:50		N2
Aliphatic (C05-C08),Unadjusted	**9.1J**	ug/L	100	7.1	5		02/18/16 15:50		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%.	70-130		5		02/18/16 15:50	98-08-8	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-7 **Lab ID: 10338261007** Collected: 02/09/16 10:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**158**	ug/L	100	20.2	1	02/15/16 18:01	02/16/16 14:35	7440-38-2	
Barium	**2260**	ug/L	50.0	6.1	1	02/15/16 18:01	02/16/16 14:35	7440-39-3	
Cadmium	**<3.2**	ug/L	15.0	3.2	1	02/15/16 18:01	02/16/16 14:35	7440-43-9	
Chromium	**598**	ug/L	50.0	4.4	1	02/15/16 18:01	02/16/16 14:35	7440-47-3	
Lead	**184**	ug/L	50.0	10.2	1	02/15/16 18:01	02/16/16 14:35	7439-92-1	
Selenium	**<41.3**	ug/L	100	41.3	1	02/15/16 18:01	02/16/16 14:35	7782-49-2	
Silver	**<11.8**	ug/L	50.0	11.8	1	02/15/16 18:01	02/16/16 14:35	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**0.60**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:20	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.5**	ug/L	11.5	2.5	1	02/16/16 16:42	02/17/16 18:39	108-95-2	
bis(2-Chloroethyl) ether	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	111-44-4	
2-Chlorophenol	**<2.5**	ug/L	11.5	2.5	1	02/16/16 16:42	02/17/16 18:39	95-57-8	
1,3-Dichlorobenzene	**<1.9**	ug/L	11.5	1.9	1	02/16/16 16:42	02/17/16 18:39	541-73-1	
1,4-Dichlorobenzene	**<2.1**	ug/L	11.5	2.1	1	02/16/16 16:42	02/17/16 18:39	106-46-7	
1,2-Dichlorobenzene	**<2.2**	ug/L	11.5	2.2	1	02/16/16 16:42	02/17/16 18:39	95-50-1	
2-Methylphenol(o-Cresol)	**<2.3**	ug/L	11.5	2.3	1	02/16/16 16:42	02/17/16 18:39	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.6**	ug/L	23.0	2.6	1	02/16/16 16:42	02/17/16 18:39		
N-Nitroso-di-n-propylamine	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.5	1.9	1	02/16/16 16:42	02/17/16 18:39	67-72-1	
Nitrobenzene	**<2.8**	ug/L	11.5	2.8	1	02/16/16 16:42	02/17/16 18:39	98-95-3	
Isophorone	**<1.8**	ug/L	11.5	1.8	1	02/16/16 16:42	02/17/16 18:39	78-59-1	
2-Nitrophenol	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	88-75-5	
2,4-Dimethylphenol	**<7.7**	ug/L	57.5	7.7	1	02/16/16 16:42	02/17/16 18:39	105-67-9	
bis(2-Chloroethoxy)methane	**<1.7**	ug/L	11.5	1.7	1	02/16/16 16:42	02/17/16 18:39	111-91-1	
2,4-Dichlorophenol	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	120-83-2	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	11.5	2.2	1	02/16/16 16:42	02/17/16 18:39	120-82-1	
Naphthalene	**<2.3**	ug/L	11.5	2.3	1	02/16/16 16:42	02/17/16 18:39	91-20-3	
4-Chloroaniline	**<4.1**	ug/L	57.5	4.1	1	02/16/16 16:42	02/17/16 18:39	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.5	1.9	1	02/16/16 16:42	02/17/16 18:39	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.5	1.8	1	02/16/16 16:42	02/17/16 18:39	59-50-7	
2-Methylnaphthalene	**<2.4**	ug/L	11.5	2.4	1	02/16/16 16:42	02/17/16 18:39	91-57-6	
2,4,6-Trichlorophenol	**<2.5**	ug/L	11.5	2.5	1	02/16/16 16:42	02/17/16 18:39	88-06-2	
2,4,5-Trichlorophenol	**<2.5**	ug/L	11.5	2.5	1	02/16/16 16:42	02/17/16 18:39	95-95-4	
2-Chloronaphthalene	**<2.5**	ug/L	11.5	2.5	1	02/16/16 16:42	02/17/16 18:39	91-58-7	
2-Nitroaniline	**<3.2**	ug/L	11.5	3.2	1	02/16/16 16:42	02/17/16 18:39	88-74-4	
Dimethylphthalate	**<2.7**	ug/L	11.5	2.7	1	02/16/16 16:42	02/17/16 18:39	131-11-3	
Acenaphthylene	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	208-96-8	
2,6-Dinitrotoluene	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	606-20-2	
3-Nitroaniline	**<5.7**	ug/L	11.5	5.7	1	02/16/16 16:42	02/17/16 18:39	99-09-2	
Acenaphthene	**<1.9**	ug/L	11.5	1.9	1	02/16/16 16:42	02/17/16 18:39	83-32-9	
2,4-Dinitrophenol	**<3.1**	ug/L	11.5	3.1	1	02/16/16 16:42	02/17/16 18:39	51-28-5	
4-Nitrophenol	**<3.9**	ug/L	11.5	3.9	1	02/16/16 16:42	02/17/16 18:39	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-7 **Lab ID: 10338261007** Collected: 02/09/16 10:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	132-64-9	
2,4-Dinitrotoluene	**<2.4**	ug/L	11.5	2.4	1	02/16/16 16:42	02/17/16 18:39	121-14-2	
Diethylphthalate	**<2.8**	ug/L	11.5	2.8	1	02/16/16 16:42	02/17/16 18:39	84-66-2	
4-Chlorophenylphenyl ether	**<1.6**	ug/L	11.5	1.6	1	02/16/16 16:42	02/17/16 18:39	7005-72-3	
Fluorene	**<2.7**	ug/L	11.5	2.7	1	02/16/16 16:42	02/17/16 18:39	86-73-7	
4-Nitroaniline	**<5.0**	ug/L	11.5	5.0	1	02/16/16 16:42	02/17/16 18:39	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.0**	ug/L	11.5	4.0	1	02/16/16 16:42	02/17/16 18:39	534-52-1	
N-Nitrosodiphenylamine	**<4.5**	ug/L	11.5	4.5	1	02/16/16 16:42	02/17/16 18:39	86-30-6	
4-Bromophenylphenyl ether	**<2.7**	ug/L	11.5	2.7	1	02/16/16 16:42	02/17/16 18:39	101-55-3	
Hexachlorobenzene	**<3.0**	ug/L	11.5	3.0	1	02/16/16 16:42	02/17/16 18:39	118-74-1	
Pentachlorophenol	**<2.5**	ug/L	23.0	2.5	1	02/16/16 16:42	02/17/16 18:39	87-86-5	
Phenanthrene	**<2.9**	ug/L	11.5	2.9	1	02/16/16 16:42	02/17/16 18:39	85-01-8	
Anthracene	**<2.8**	ug/L	11.5	2.8	1	02/16/16 16:42	02/17/16 18:39	120-12-7	
Di-n-butylphthalate	**<2.8**	ug/L	11.5	2.8	1	02/16/16 16:42	02/17/16 18:39	84-74-2	
Fluoranthene	**<2.9**	ug/L	11.5	2.9	1	02/16/16 16:42	02/17/16 18:39	206-44-0	
Pyrene	**<2.8**	ug/L	11.5	2.8	1	02/16/16 16:42	02/17/16 18:39	129-00-0	
Butylbenzylphthalate	**<2.2**	ug/L	11.5	2.2	1	02/16/16 16:42	02/17/16 18:39	85-68-7	
3,3'-Dichlorobenzidine	**<5.6**	ug/L	57.5	5.6	1	02/16/16 16:42	02/17/16 18:39	91-94-1	
Benzo(a)anthracene	**<5.7**	ug/L	11.5	5.7	1	02/16/16 16:42	02/17/16 18:39	56-55-3	
Chrysene	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.7**	ug/L	11.5	2.7	1	02/16/16 16:42	02/17/16 18:39	117-81-7	
Di-n-octylphthalate	**<2.0**	ug/L	11.5	2.0	1	02/16/16 16:42	02/17/16 18:39	117-84-0	
Benzo(b)fluoranthene	**<2.9**	ug/L	11.5	2.9	1	02/16/16 16:42	02/17/16 18:39	205-99-2	
Benzo(k)fluoranthene	**<3.2**	ug/L	11.5	3.2	1	02/16/16 16:42	02/17/16 18:39	207-08-9	
Benzo(a)pyrene	**<2.7**	ug/L	11.5	2.7	1	02/16/16 16:42	02/17/16 18:39	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.0**	ug/L	11.5	2.0	1	02/16/16 16:42	02/17/16 18:39	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	11.5	2.1	1	02/16/16 16:42	02/17/16 18:39	53-70-3	
Benzo(g,h,i)perylene	**<2.9**	ug/L	11.5	2.9	1	02/16/16 16:42	02/17/16 18:39	191-24-2	
N-Nitrosodimethylamine	**<2.6**	ug/L	11.5	2.6	1	02/16/16 16:42	02/17/16 18:39	62-75-9	
1,2-Diphenylhydrazine	**<2.8**	ug/L	11.5	2.8	1	02/16/16 16:42	02/17/16 18:39	122-66-7	
Carbazole	**<3.0**	ug/L	11.5	3.0	1	02/16/16 16:42	02/17/16 18:39	86-74-8	
1-Methylnaphthalene	**<2.4**	ug/L	11.5	2.4	1	02/16/16 16:42	02/17/16 18:39	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	80	%.	57-125		1	02/16/16 16:42	02/17/16 18:39	4165-60-0	
2-Fluorobiphenyl (S)	84	%.	48-125		1	02/16/16 16:42	02/17/16 18:39	321-60-8	
p-Terphenyl-d14 (S)	82	%.	64-125		1	02/16/16 16:42	02/17/16 18:39	1718-51-0	
Phenol-d6 (S)	78	%.	51-125		1	02/16/16 16:42	02/17/16 18:39	13127-88-3	
2-Fluorophenol (S)	76	%.	45-125		1	02/16/16 16:42	02/17/16 18:39	367-12-4	
2,4,6-Tribromophenol (S)	84	%.	64-125		1	02/16/16 16:42	02/17/16 18:39	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 20:15	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 20:15	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:15	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 20:15	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 20:15	74-97-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-7 **Lab ID: 10338261007** Collected: 02/09/16 10:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 20:15	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 20:15	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 20:15	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 20:15	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 20:15	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:15	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 20:15	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 20:15	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:15	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 20:15	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/19/16 20:15	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 20:15	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 20:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 20:15	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:15	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 20:15	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:15	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:15	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 20:15	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 20:15	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 20:15	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:15	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 20:15	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 20:15	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 20:15	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 20:15	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:15	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 20:15	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 20:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 20:15	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:15	99-87-6	
Methylene Chloride	**0.58J**	ug/L	4.0	0.56	1		02/19/16 20:15	75-09-2	B
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 20:15	108-10-1	
Methyl-tert-butyl ether	**10.4**	ug/L	0.50	0.20	1		02/19/16 20:15	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 20:15	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:15	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 20:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 20:15	630-20-6	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-7 **Lab ID: 10338261007** Collected: 02/09/16 10:10 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	79-34-5	
Tetrachloroethene	**5.8**	ug/L	0.50	0.19	1		02/19/16 20:15	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 20:15	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 20:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:15	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 20:15	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 20:15	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.40	0.14	1		02/19/16 20:15	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 20:15	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 20:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 20:15	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 20:15	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 20:15	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 20:15	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 20:15	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 20:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	85	%.	75-125		1		02/19/16 20:15	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		02/19/16 20:15	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		02/19/16 20:15	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<109**	ug/L	278	109	1	02/17/16 09:05	02/20/16 15:29		N2
Surrogates									
1-Chloro-octadecane (S)	75	%.	40-140		1	02/17/16 09:05	02/20/16 15:29	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**11.4**	ug/L	1.0	0.22	1		02/18/16 16:21	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 16:21	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 16:21	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 16:21	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 16:21	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 16:21	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 16:21	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 16:21	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 16:21		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 16:21		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 16:21		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 16:21		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 16:21		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 16:21		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	125	%.	70-130		1		02/18/16 16:21	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-8 **Lab ID: 10338261008** Collected: 02/10/16 10:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**24.8**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:38	7440-38-2	
Barium	**570**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:38	7440-39-3	
Cadmium	**0.71J**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:38	7440-43-9	
Chromium	**103**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:38	7440-47-3	
Lead	**29.9**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:38	7439-92-1	
Selenium	**25.9**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:38	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:38	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**<0.065**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:22	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 21:42	108-95-2	
bis(2-Chloroethyl) ether	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	111-44-4	
2-Chlorophenol	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 21:42	95-57-8	
1,3-Dichlorobenzene	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 21:42	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 21:42	106-46-7	
1,2-Dichlorobenzene	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 21:42	95-50-1	
2-Methylphenol(o-Cresol)	**<2.3**	ug/L	11.6	2.3	1	02/16/16 16:42	02/17/16 21:42	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 21:42	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.6**	ug/L	23.3	2.6	1	02/16/16 16:42	02/17/16 21:42		
N-Nitroso-di-n-propylamine	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 21:42	67-72-1	
Nitrobenzene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 21:42	98-95-3	
Isophorone	**<1.8**	ug/L	11.6	1.8	1	02/16/16 16:42	02/17/16 21:42	78-59-1	
2-Nitrophenol	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 21:42	88-75-5	
2,4-Dimethylphenol	**<7.8**	ug/L	58.1	7.8	1	02/16/16 16:42	02/17/16 21:42	105-67-9	
bis(2-Chloroethoxy)methane	**<1.8**	ug/L	11.6	1.8	1	02/16/16 16:42	02/17/16 21:42	111-91-1	
2,4-Dichlorophenol	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 21:42	120-83-2	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 21:42	120-82-1	
Naphthalene	**<2.3**	ug/L	11.6	2.3	1	02/16/16 16:42	02/17/16 21:42	91-20-3	
4-Chloroaniline	**<4.2**	ug/L	58.1	4.2	1	02/16/16 16:42	02/17/16 21:42	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 21:42	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.6	1.8	1	02/16/16 16:42	02/17/16 21:42	59-50-7	
2-Methylnaphthalene	**<2.4**	ug/L	11.6	2.4	1	02/16/16 16:42	02/17/16 21:42	91-57-6	
2,4,6-Trichlorophenol	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 21:42	88-06-2	
2,4,5-Trichlorophenol	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 21:42	95-95-4	
2-Chloronaphthalene	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 21:42	91-58-7	
2-Nitroaniline	**<3.2**	ug/L	11.6	3.2	1	02/16/16 16:42	02/17/16 21:42	88-74-4	
Dimethylphthalate	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	131-11-3	
Acenaphthylene	**<2.6**	ug/L	11.6	2.6	1	02/16/16 16:42	02/17/16 21:42	208-96-8	
2,6-Dinitrotoluene	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	606-20-2	
3-Nitroaniline	**<5.8**	ug/L	11.6	5.8	1	02/16/16 16:42	02/17/16 21:42	99-09-2	
Acenaphthene	**<1.9**	ug/L	11.6	1.9	1	02/16/16 16:42	02/17/16 21:42	83-32-9	
2,4-Dinitrophenol	**<3.2**	ug/L	11.6	3.2	1	02/16/16 16:42	02/17/16 21:42	51-28-5	
4-Nitrophenol	**<3.9**	ug/L	11.6	3.9	1	02/16/16 16:42	02/17/16 21:42	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-8 **Lab ID: 10338261008** Collected: 02/10/16 10:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	132-64-9	
2,4-Dinitrotoluene	**<2.5**	ug/L	11.6	2.5	1	02/16/16 16:42	02/17/16 21:42	121-14-2	
Diethylphthalate	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	84-66-2	
4-Chlorophenylphenyl ether	**<1.7**	ug/L	11.6	1.7	1	02/16/16 16:42	02/17/16 21:42	7005-72-3	
Fluorene	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	86-73-7	
4-Nitroaniline	**<5.0**	ug/L	11.6	5.0	1	02/16/16 16:42	02/17/16 21:42	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.1**	ug/L	11.6	4.1	1	02/16/16 16:42	02/17/16 21:42	534-52-1	
N-Nitrosodiphenylamine	**<4.5**	ug/L	11.6	4.5	1	02/16/16 16:42	02/17/16 21:42	86-30-6	
4-Bromophenylphenyl ether	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	101-55-3	
Hexachlorobenzene	**<3.0**	ug/L	11.6	3.0	1	02/16/16 16:42	02/17/16 21:42	118-74-1	
Pentachlorophenol	**<2.6**	ug/L	23.3	2.6	1	02/16/16 16:42	02/17/16 21:42	87-86-5	
Phenanthrene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 21:42	85-01-8	
Anthracene	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	120-12-7	
Di-n-butylphthalate	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	84-74-2	
Fluoranthene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 21:42	206-44-0	
Pyrene	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	129-00-0	
Butylbenzylphthalate	**<2.2**	ug/L	11.6	2.2	1	02/16/16 16:42	02/17/16 21:42	85-68-7	
3,3'-Dichlorobenzidine	**<5.7**	ug/L	58.1	5.7	1	02/16/16 16:42	02/17/16 21:42	91-94-1	
Benzo(a)anthracene	**<5.8**	ug/L	11.6	5.8	1	02/16/16 16:42	02/17/16 21:42	56-55-3	
Chrysene	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	117-81-7	
Di-n-octylphthalate	**<2.0**	ug/L	11.6	2.0	1	02/16/16 16:42	02/17/16 21:42	117-84-0	
Benzo(b)fluoranthene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 21:42	205-99-2	
Benzo(k)fluoranthene	**<3.2**	ug/L	11.6	3.2	1	02/16/16 16:42	02/17/16 21:42	207-08-9	
Benzo(a)pyrene	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.1**	ug/L	11.6	2.1	1	02/16/16 16:42	02/17/16 21:42	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	11.6	2.1	1	02/16/16 16:42	02/17/16 21:42	53-70-3	
Benzo(g,h,i)perylene	**<2.9**	ug/L	11.6	2.9	1	02/16/16 16:42	02/17/16 21:42	191-24-2	
N-Nitrosodimethylamine	**<2.7**	ug/L	11.6	2.7	1	02/16/16 16:42	02/17/16 21:42	62-75-9	
1,2-Diphenylhydrazine	**<2.8**	ug/L	11.6	2.8	1	02/16/16 16:42	02/17/16 21:42	122-66-7	
Carbazole	**<3.1**	ug/L	11.6	3.1	1	02/16/16 16:42	02/17/16 21:42	86-74-8	
1-Methylnaphthalene	**<2.4**	ug/L	11.6	2.4	1	02/16/16 16:42	02/17/16 21:42	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%.	57-125		1	02/16/16 16:42	02/17/16 21:42	4165-60-0	
2-Fluorobiphenyl (S)	79	%.	48-125		1	02/16/16 16:42	02/17/16 21:42	321-60-8	
p-Terphenyl-d14 (S)	78	%.	64-125		1	02/16/16 16:42	02/17/16 21:42	1718-51-0	
Phenol-d6 (S)	74	%.	51-125		1	02/16/16 16:42	02/17/16 21:42	13127-88-3	
2-Fluorophenol (S)	74	%.	45-125		1	02/16/16 16:42	02/17/16 21:42	367-12-4	
2,4,6-Tribromophenol (S)	80	%.	64-125		1	02/16/16 16:42	02/17/16 21:42	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 12:52	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 12:52	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 12:52	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 12:52	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 12:52	74-97-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-8 **Lab ID: 10338261008** Collected: 02/10/16 10:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 12:52	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 12:52	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 12:52	74-83-9	CL,L2
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 12:52	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 12:52	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 12:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 12:52	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 12:52	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 12:52	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 12:52	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/19/16 12:52	67-66-3	CL
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 12:52	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 12:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 12:52	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 12:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 12:52	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 12:52	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 12:52	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 12:52	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 12:52	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 12:52	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	75-35-4	CL
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 12:52	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 12:52	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 12:52	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 12:52	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 12:52	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 12:52	594-20-7	L2
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 12:52	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 12:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 12:52	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 12:52	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 12:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 12:52	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 12:52	99-87-6	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		02/19/16 12:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 12:52	108-10-1	
Methyl-tert-butyl ether	**<0.20**	ug/L	0.50	0.20	1		02/19/16 12:52	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 12:52	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 12:52	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 12:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 12:52	630-20-6	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-8 **Lab ID: 10338261008** Collected: 02/10/16 10:15 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 12:52	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 12:52	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 12:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 12:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 12:52	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 12:52	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 12:52	79-00-5	
Trichloroethene	**0.23J**	ug/L	0.40	0.14	1		02/19/16 12:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 12:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 12:52	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 12:52	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 12:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 12:52	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 12:52	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 12:52	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 12:52	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 12:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		02/19/16 12:52	17060-07-0	P2
Toluene-d8 (S)	99	%.	75-125		1		02/19/16 12:52	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		02/19/16 12:52	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<104**	ug/L	266	104	1	02/17/16 09:06	02/20/16 16:01		N2
Surrogates									
1-Chloro-octadecane (S)	78	%.	40-140		1	02/17/16 09:06	02/20/16 16:01	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.22**	ug/L	1.0	0.22	1		02/18/16 16:52	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 16:52	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 16:52	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 16:52	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 16:52	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 16:52	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 16:52	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 16:52	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 16:52		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 16:52		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 16:52		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 16:52		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 16:52		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 16:52		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	121	%.	70-130		1		02/18/16 16:52	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-9 **Lab ID: 10338261009** Collected: 02/09/16 16:35 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**15.0J**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:42	7440-38-2	
Barium	**616**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:42	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:42	7440-43-9	
Chromium	**79.5**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:42	7440-47-3	
Lead	**23.9**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:42	7439-92-1	
Selenium	**<8.3**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:42	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:42	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**<0.065**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:24	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 19:10	108-95-2	
bis(2-Chloroethyl) ether	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	111-44-4	
2-Chlorophenol	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 19:10	95-57-8	
1,3-Dichlorobenzene	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 19:10	541-73-1	
1,4-Dichlorobenzene	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 19:10	106-46-7	
1,2-Dichlorobenzene	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 19:10	95-50-1	
2-Methylphenol(o-Cresol)	**<2.2**	ug/L	11.2	2.2	1	02/16/16 16:42	02/17/16 19:10	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 19:10	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.5**	ug/L	22.5	2.5	1	02/16/16 16:42	02/17/16 19:10		
N-Nitroso-di-n-propylamine	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	621-64-7	
Hexachloroethane	**<1.9**	ug/L	11.2	1.9	1	02/16/16 16:42	02/17/16 19:10	67-72-1	
Nitrobenzene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 19:10	98-95-3	
Isophorone	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 19:10	78-59-1	
2-Nitrophenol	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 19:10	88-75-5	
2,4-Dimethylphenol	**<7.6**	ug/L	56.2	7.6	1	02/16/16 16:42	02/17/16 19:10	105-67-9	
bis(2-Chloroethoxy)methane	**<1.7**	ug/L	11.2	1.7	1	02/16/16 16:42	02/17/16 19:10	111-91-1	
2,4-Dichlorophenol	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 19:10	120-83-2	
1,2,4-Trichlorobenzene	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 19:10	120-82-1	
Naphthalene	**<2.2**	ug/L	11.2	2.2	1	02/16/16 16:42	02/17/16 19:10	91-20-3	
4-Chloroaniline	**<4.0**	ug/L	56.2	4.0	1	02/16/16 16:42	02/17/16 19:10	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.2	1.9	1	02/16/16 16:42	02/17/16 19:10	87-68-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 19:10	59-50-7	
2-Methylnaphthalene	**<2.3**	ug/L	11.2	2.3	1	02/16/16 16:42	02/17/16 19:10	91-57-6	
2,4,6-Trichlorophenol	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 19:10	88-06-2	
2,4,5-Trichlorophenol	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 19:10	95-95-4	
2-Chloronaphthalene	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 19:10	91-58-7	
2-Nitroaniline	**<3.1**	ug/L	11.2	3.1	1	02/16/16 16:42	02/17/16 19:10	88-74-4	
Dimethylphthalate	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	131-11-3	
Acenaphthylene	**<2.5**	ug/L	11.2	2.5	1	02/16/16 16:42	02/17/16 19:10	208-96-8	
2,6-Dinitrotoluene	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	606-20-2	
3-Nitroaniline	**<5.6**	ug/L	11.2	5.6	1	02/16/16 16:42	02/17/16 19:10	99-09-2	
Acenaphthene	**<1.8**	ug/L	11.2	1.8	1	02/16/16 16:42	02/17/16 19:10	83-32-9	
2,4-Dinitrophenol	**<3.1**	ug/L	11.2	3.1	1	02/16/16 16:42	02/17/16 19:10	51-28-5	
4-Nitrophenol	**<3.8**	ug/L	11.2	3.8	1	02/16/16 16:42	02/17/16 19:10	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-9 **Lab ID: 10338261009** Collected: 02/09/16 16:35 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	132-64-9	
2,4-Dinitrotoluene	**<2.4**	ug/L	11.2	2.4	1	02/16/16 16:42	02/17/16 19:10	121-14-2	
Diethylphthalate	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	84-66-2	
4-Chlorophenylphenyl ether	**<1.6**	ug/L	11.2	1.6	1	02/16/16 16:42	02/17/16 19:10	7005-72-3	
Fluorene	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	86-73-7	
4-Nitroaniline	**<4.9**	ug/L	11.2	4.9	1	02/16/16 16:42	02/17/16 19:10	100-01-6	
4,6-Dinitro-2-methylphenol	**<3.9**	ug/L	11.2	3.9	1	02/16/16 16:42	02/17/16 19:10	534-52-1	
N-Nitrosodiphenylamine	**<4.4**	ug/L	11.2	4.4	1	02/16/16 16:42	02/17/16 19:10	86-30-6	
4-Bromophenylphenyl ether	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	101-55-3	
Hexachlorobenzene	**<2.9**	ug/L	11.2	2.9	1	02/16/16 16:42	02/17/16 19:10	118-74-1	
Pentachlorophenol	**<2.5**	ug/L	22.5	2.5	1	02/16/16 16:42	02/17/16 19:10	87-86-5	
Phenanthrene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 19:10	85-01-8	
Anthracene	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	120-12-7	
Di-n-butylphthalate	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	84-74-2	
Fluoranthene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 19:10	206-44-0	
Pyrene	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	129-00-0	
Butylbenzylphthalate	**<2.1**	ug/L	11.2	2.1	1	02/16/16 16:42	02/17/16 19:10	85-68-7	
3,3'-Dichlorobenzidine	**<5.5**	ug/L	56.2	5.5	1	02/16/16 16:42	02/17/16 19:10	91-94-1	
Benzo(a)anthracene	**<5.6**	ug/L	11.2	5.6	1	02/16/16 16:42	02/17/16 19:10	56-55-3	
Chrysene	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	117-81-7	
Di-n-octylphthalate	**<1.9**	ug/L	11.2	1.9	1	02/16/16 16:42	02/17/16 19:10	117-84-0	
Benzo(b)fluoranthene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 19:10	205-99-2	
Benzo(k)fluoranthene	**<3.1**	ug/L	11.2	3.1	1	02/16/16 16:42	02/17/16 19:10	207-08-9	
Benzo(a)pyrene	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.0**	ug/L	11.2	2.0	1	02/16/16 16:42	02/17/16 19:10	193-39-5	
Dibenz(a,h)anthracene	**<2.0**	ug/L	11.2	2.0	1	02/16/16 16:42	02/17/16 19:10	53-70-3	
Benzo(g,h,i)perylene	**<2.8**	ug/L	11.2	2.8	1	02/16/16 16:42	02/17/16 19:10	191-24-2	
N-Nitrosodimethylamine	**<2.6**	ug/L	11.2	2.6	1	02/16/16 16:42	02/17/16 19:10	62-75-9	
1,2-Diphenylhydrazine	**<2.7**	ug/L	11.2	2.7	1	02/16/16 16:42	02/17/16 19:10	122-66-7	
Carbazole	**<3.0**	ug/L	11.2	3.0	1	02/16/16 16:42	02/17/16 19:10	86-74-8	
1-Methylnaphthalene	**<2.3**	ug/L	11.2	2.3	1	02/16/16 16:42	02/17/16 19:10	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	75	%.	57-125		1	02/16/16 16:42	02/17/16 19:10	4165-60-0	
2-Fluorobiphenyl (S)	81	%.	48-125		1	02/16/16 16:42	02/17/16 19:10	321-60-8	
p-Terphenyl-d14 (S)	87	%.	64-125		1	02/16/16 16:42	02/17/16 19:10	1718-51-0	
Phenol-d6 (S)	69	%.	51-125		1	02/16/16 16:42	02/17/16 19:10	13127-88-3	
2-Fluorophenol (S)	68	%.	45-125		1	02/16/16 16:42	02/17/16 19:10	367-12-4	
2,4,6-Tribromophenol (S)	82	%.	64-125		1	02/16/16 16:42	02/17/16 19:10	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 20:37	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 20:37	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:37	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 20:37	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 20:37	74-97-5	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-9 **Lab ID: 10338261009** Collected: 02/09/16 16:35 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 20:37	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 20:37	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 20:37	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 20:37	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 20:37	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:37	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 20:37	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 20:37	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:37	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 20:37	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/19/16 20:37	67-66-3	
Chloromethane	**0.74J**	ug/L	4.0	0.64	1		02/19/16 20:37	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 20:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 20:37	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:37	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 20:37	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:37	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:37	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 20:37	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 20:37	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 20:37	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:37	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 20:37	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 20:37	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 20:37	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 20:37	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:37	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 20:37	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:37	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 20:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 20:37	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:37	99-87-6	
Methylene Chloride	**<0.56**	ug/L	4.0	0.56	1		02/19/16 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 20:37	108-10-1	
Methyl-tert-butyl ether	**1.6**	ug/L	0.50	0.20	1		02/19/16 20:37	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 20:37	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 20:37	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 20:37	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-9 **Lab ID: 10338261009** Collected: 02/09/16 16:35 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 20:37	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 20:37	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 20:37	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 20:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 20:37	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 20:37	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 20:37	79-00-5	
Trichloroethene	**0.31J**	ug/L	0.40	0.14	1		02/19/16 20:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 20:37	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 20:37	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 20:37	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 20:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 20:37	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 20:37	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 20:37	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 20:37	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 20:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	86	%.	75-125		1		02/19/16 20:37	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		02/19/16 20:37	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/19/16 20:37	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<94.3**	ug/L	241	94.3	1	02/17/16 09:06	02/20/16 16:34		N2
Surrogates									
1-Chloro-octadecane (S)	73	%.	40-140		1	02/17/16 09:06	02/20/16 16:34	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.22**	ug/L	1.0	0.22	1		02/18/16 17:24	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 17:24	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 17:24	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 17:24	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 17:24	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 17:24	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 17:24	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 17:24	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 17:24		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 17:24		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 17:24		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 17:24		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 17:24		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 17:24		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	114	%.	70-130		1		02/18/16 17:24	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-DUP **Lab ID: 10338261010** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**62.6**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:45	7440-38-2	
Barium	**779**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:45	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:45	7440-43-9	
Chromium	**210**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:45	7440-47-3	
Lead	**59.4**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:45	7439-92-1	
Selenium	**8.5J**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:45	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:45	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**0.15J**	ug/L	0.60	0.065	1	02/14/16 19:35	02/16/16 20:26	7439-97-6	1M
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	108-95-2	
bis(2-Chloroethyl) ether	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	111-44-4	
2-Chlorophenol	**<2.6**	ug/L	12.0	2.6	1	02/16/16 16:42	02/17/16 19:41	95-57-8	
1,3-Dichlorobenzene	**<2.0**	ug/L	12.0	2.0	1	02/16/16 16:42	02/17/16 19:41	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	12.0	2.2	1	02/16/16 16:42	02/17/16 19:41	106-46-7	
1,2-Dichlorobenzene	**<2.3**	ug/L	12.0	2.3	1	02/16/16 16:42	02/17/16 19:41	95-50-1	
2-Methylphenol(o-Cresol)	**<2.4**	ug/L	12.0	2.4	1	02/16/16 16:42	02/17/16 19:41	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.7**	ug/L	24.1	2.7	1	02/16/16 16:42	02/17/16 19:41		
N-Nitroso-di-n-propylamine	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	621-64-7	
Hexachloroethane	**<2.0**	ug/L	12.0	2.0	1	02/16/16 16:42	02/17/16 19:41	67-72-1	
Nitrobenzene	**<3.0**	ug/L	12.0	3.0	1	02/16/16 16:42	02/17/16 19:41	98-95-3	
Isophorone	**<1.9**	ug/L	12.0	1.9	1	02/16/16 16:42	02/17/16 19:41	78-59-1	
2-Nitrophenol	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	88-75-5	
2,4-Dimethylphenol	**<8.1**	ug/L	60.2	8.1	1	02/16/16 16:42	02/17/16 19:41	105-67-9	
bis(2-Chloroethoxy)methane	**<1.8**	ug/L	12.0	1.8	1	02/16/16 16:42	02/17/16 19:41	111-91-1	
2,4-Dichlorophenol	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	120-83-2	
1,2,4-Trichlorobenzene	**<2.3**	ug/L	12.0	2.3	1	02/16/16 16:42	02/17/16 19:41	120-82-1	
Naphthalene	**<2.4**	ug/L	12.0	2.4	1	02/16/16 16:42	02/17/16 19:41	91-20-3	
4-Chloroaniline	**<4.3**	ug/L	60.2	4.3	1	02/16/16 16:42	02/17/16 19:41	106-47-8	
Hexachloro-1,3-butadiene	**<2.0**	ug/L	12.0	2.0	1	02/16/16 16:42	02/17/16 19:41	87-68-3	
4-Chloro-3-methylphenol	**<1.9**	ug/L	12.0	1.9	1	02/16/16 16:42	02/17/16 19:41	59-50-7	
2-Methylnaphthalene	**<2.5**	ug/L	12.0	2.5	1	02/16/16 16:42	02/17/16 19:41	91-57-6	
2,4,6-Trichlorophenol	**<2.6**	ug/L	12.0	2.6	1	02/16/16 16:42	02/17/16 19:41	88-06-2	
2,4,5-Trichlorophenol	**<2.6**	ug/L	12.0	2.6	1	02/16/16 16:42	02/17/16 19:41	95-95-4	
2-Chloronaphthalene	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	91-58-7	
2-Nitroaniline	**<3.3**	ug/L	12.0	3.3	1	02/16/16 16:42	02/17/16 19:41	88-74-4	
Dimethylphthalate	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	131-11-3	
Acenaphthylene	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	208-96-8	
2,6-Dinitrotoluene	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	606-20-2	
3-Nitroaniline	**<6.0**	ug/L	12.0	6.0	1	02/16/16 16:42	02/17/16 19:41	99-09-2	
Acenaphthene	**<2.0**	ug/L	12.0	2.0	1	02/16/16 16:42	02/17/16 19:41	83-32-9	
2,4-Dinitrophenol	**<3.3**	ug/L	12.0	3.3	1	02/16/16 16:42	02/17/16 19:41	51-28-5	
4-Nitrophenol	**<4.0**	ug/L	12.0	4.0	1	02/16/16 16:42	02/17/16 19:41	100-02-7	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-DUP **Lab ID: 10338261010** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	132-64-9	
2,4-Dinitrotoluene	**<2.5**	ug/L	12.0	2.5	1	02/16/16 16:42	02/17/16 19:41	121-14-2	
Diethylphthalate	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	84-66-2	
4-Chlorophenylphenyl ether	**<1.7**	ug/L	12.0	1.7	1	02/16/16 16:42	02/17/16 19:41	7005-72-3	
Fluorene	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	86-73-7	
4-Nitroaniline	**<5.2**	ug/L	12.0	5.2	1	02/16/16 16:42	02/17/16 19:41	100-01-6	
4,6-Dinitro-2-methylphenol	**<4.2**	ug/L	12.0	4.2	1	02/16/16 16:42	02/17/16 19:41	534-52-1	
N-Nitrosodiphenylamine	**<4.7**	ug/L	12.0	4.7	1	02/16/16 16:42	02/17/16 19:41	86-30-6	
4-Bromophenylphenyl ether	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	101-55-3	
Hexachlorobenzene	**<3.1**	ug/L	12.0	3.1	1	02/16/16 16:42	02/17/16 19:41	118-74-1	
Pentachlorophenol	**<2.7**	ug/L	24.1	2.7	1	02/16/16 16:42	02/17/16 19:41	87-86-5	
Phenanthrene	**<3.0**	ug/L	12.0	3.0	1	02/16/16 16:42	02/17/16 19:41	85-01-8	
Anthracene	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	120-12-7	
Di-n-butylphthalate	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	84-74-2	
Fluoranthene	**<3.0**	ug/L	12.0	3.0	1	02/16/16 16:42	02/17/16 19:41	206-44-0	
Pyrene	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	129-00-0	
Butylbenzylphthalate	**<2.3**	ug/L	12.0	2.3	1	02/16/16 16:42	02/17/16 19:41	85-68-7	
3,3'-Dichlorobenzidine	**<5.9**	ug/L	60.2	5.9	1	02/16/16 16:42	02/17/16 19:41	91-94-1	
Benzo(a)anthracene	**<6.0**	ug/L	12.0	6.0	1	02/16/16 16:42	02/17/16 19:41	56-55-3	
Chrysene	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.8**	ug/L	12.0	2.8	1	02/16/16 16:42	02/17/16 19:41	117-81-7	
Di-n-octylphthalate	**<2.0**	ug/L	12.0	2.0	1	02/16/16 16:42	02/17/16 19:41	117-84-0	
Benzo(b)fluoranthene	**<3.0**	ug/L	12.0	3.0	1	02/16/16 16:42	02/17/16 19:41	205-99-2	
Benzo(k)fluoranthene	**<3.3**	ug/L	12.0	3.3	1	02/16/16 16:42	02/17/16 19:41	207-08-9	
Benzo(a)pyrene	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.1**	ug/L	12.0	2.1	1	02/16/16 16:42	02/17/16 19:41	193-39-5	
Dibenz(a,h)anthracene	**<2.2**	ug/L	12.0	2.2	1	02/16/16 16:42	02/17/16 19:41	53-70-3	
Benzo(g,h,i)perylene	**<3.0**	ug/L	12.0	3.0	1	02/16/16 16:42	02/17/16 19:41	191-24-2	
N-Nitrosodimethylamine	**<2.7**	ug/L	12.0	2.7	1	02/16/16 16:42	02/17/16 19:41	62-75-9	
1,2-Diphenylhydrazine	**<2.9**	ug/L	12.0	2.9	1	02/16/16 16:42	02/17/16 19:41	122-66-7	
Carbazole	**<3.2**	ug/L	12.0	3.2	1	02/16/16 16:42	02/17/16 19:41	86-74-8	
1-Methylnaphthalene	**<2.5**	ug/L	12.0	2.5	1	02/16/16 16:42	02/17/16 19:41	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%.	57-125		1	02/16/16 16:42	02/17/16 19:41	4165-60-0	
2-Fluorobiphenyl (S)	81	%.	48-125		1	02/16/16 16:42	02/17/16 19:41	321-60-8	
p-Terphenyl-d14 (S)	86	%.	64-125		1	02/16/16 16:42	02/17/16 19:41	1718-51-0	
Phenol-d6 (S)	74	%.	51-125		1	02/16/16 16:42	02/17/16 19:41	13127-88-3	
2-Fluorophenol (S)	72	%.	45-125		1	02/16/16 16:42	02/17/16 19:41	367-12-4	
2,4,6-Tribromophenol (S)	85	%.	64-125		1	02/16/16 16:42	02/17/16 19:41	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 21:00	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 21:00	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:00	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 21:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 21:00	74-97-5	

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Billings, MT 59101
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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-DUP **Lab ID: 10338261010** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:00	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 21:00	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 21:00	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 21:00	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 21:00	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:00	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 21:00	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:00	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 21:00	75-00-3	
Chloroform	**<0.27**	ug/L	1.0	0.27	1		02/19/16 21:00	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 21:00	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 21:00	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:00	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 21:00	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:00	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:00	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 21:00	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 21:00	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 21:00	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:00	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 21:00	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 21:00	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:00	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 21:00	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:00	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 21:00	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:00	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 21:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 21:00	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:00	99-87-6	
Methylene Chloride	**0.58J**	ug/L	4.0	0.56	1		02/19/16 21:00	75-09-2	B
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 21:00	108-10-1	
Methyl-tert-butyl ether	**9.8**	ug/L	0.50	0.20	1		02/19/16 21:00	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 21:00	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:00	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 21:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:00	630-20-6	

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Billings, MT 59101
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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-DUP **Lab ID: 10338261010** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	79-34-5	
Tetrachloroethene	**7.0**	ug/L	0.50	0.19	1		02/19/16 21:00	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 21:00	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 21:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:00	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:00	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:00	79-00-5	
Trichloroethene	**0.56**	ug/L	0.40	0.14	1		02/19/16 21:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 21:00	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 21:00	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:00	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 21:00	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 21:00	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 21:00	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 21:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		02/19/16 21:00	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		02/19/16 21:00	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		02/19/16 21:00	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<96.2**	ug/L	246	96.2	1	02/17/16 09:06	02/20/16 17:06		N2
Surrogates									
1-Chloro-octadecane (S)	77	%.	40-140		1	02/17/16 09:06	02/20/16 17:06	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**10.1**	ug/L	1.0	0.22	1		02/18/16 17:55	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 17:55	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 17:55	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 17:55	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 17:55	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 17:55	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 17:55	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 17:55	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 17:55		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 17:55		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 17:55		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 17:55		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 17:55		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 17:55		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	121	%.	70-130		1		02/18/16 17:55	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-RB **Lab ID: 10338261011** Collected: 02/10/16 07:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<4.0**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:48	7440-38-2	
Barium	**<1.2**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:48	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:48	7440-43-9	
Chromium	**2.9J**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:48	7440-47-3	
Lead	**<2.0**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:48	7439-92-1	
Selenium	**<8.3**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:48	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:48	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**<0.022**	ug/L	0.20	0.022	1	02/14/16 19:35	02/16/16 20:28	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	108-95-2	
bis(2-Chloroethyl) ether	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	111-44-4	
2-Chlorophenol	**<2.4**	ug/L	11.1	2.4	1	02/16/16 16:42	02/17/16 22:13	95-57-8	
1,3-Dichlorobenzene	**<1.8**	ug/L	11.1	1.8	1	02/16/16 16:42	02/17/16 22:13	541-73-1	
1,4-Dichlorobenzene	**<2.1**	ug/L	11.1	2.1	1	02/16/16 16:42	02/17/16 22:13	106-46-7	
1,2-Dichlorobenzene	**<2.1**	ug/L	11.1	2.1	1	02/16/16 16:42	02/17/16 22:13	95-50-1	
2-Methylphenol(o-Cresol)	**<2.2**	ug/L	11.1	2.2	1	02/16/16 16:42	02/17/16 22:13	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.5**	ug/L	22.2	2.5	1	02/16/16 16:42	02/17/16 22:13		
N-Nitroso-di-n-propylamine	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	621-64-7	
Hexachloroethane	**<1.8**	ug/L	11.1	1.8	1	02/16/16 16:42	02/17/16 22:13	67-72-1	
Nitrobenzene	**<2.7**	ug/L	11.1	2.7	1	02/16/16 16:42	02/17/16 22:13	98-95-3	
Isophorone	**<1.7**	ug/L	11.1	1.7	1	02/16/16 16:42	02/17/16 22:13	78-59-1	
2-Nitrophenol	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	88-75-5	
2,4-Dimethylphenol	**<7.5**	ug/L	55.6	7.5	1	02/16/16 16:42	02/17/16 22:13	105-67-9	
bis(2-Chloroethoxy)methane	**<1.7**	ug/L	11.1	1.7	1	02/16/16 16:42	02/17/16 22:13	111-91-1	
2,4-Dichlorophenol	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	120-83-2	
1,2,4-Trichlorobenzene	**<2.1**	ug/L	11.1	2.1	1	02/16/16 16:42	02/17/16 22:13	120-82-1	
Naphthalene	**<2.2**	ug/L	11.1	2.2	1	02/16/16 16:42	02/17/16 22:13	91-20-3	
4-Chloroaniline	**<4.0**	ug/L	55.6	4.0	1	02/16/16 16:42	02/17/16 22:13	106-47-8	
Hexachloro-1,3-butadiene	**<1.9**	ug/L	11.1	1.9	1	02/16/16 16:42	02/17/16 22:13	87-68-3	
4-Chloro-3-methylphenol	**<1.7**	ug/L	11.1	1.7	1	02/16/16 16:42	02/17/16 22:13	59-50-7	
2-Methylnaphthalene	**<2.3**	ug/L	11.1	2.3	1	02/16/16 16:42	02/17/16 22:13	91-57-6	
2,4,6-Trichlorophenol	**<2.4**	ug/L	11.1	2.4	1	02/16/16 16:42	02/17/16 22:13	88-06-2	
2,4,5-Trichlorophenol	**<2.4**	ug/L	11.1	2.4	1	02/16/16 16:42	02/17/16 22:13	95-95-4	
2-Chloronaphthalene	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	91-58-7	
2-Nitroaniline	**<3.1**	ug/L	11.1	3.1	1	02/16/16 16:42	02/17/16 22:13	88-74-4	
Dimethylphthalate	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	131-11-3	
Acenaphthylene	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	208-96-8	
2,6-Dinitrotoluene	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	606-20-2	
3-Nitroaniline	**<5.5**	ug/L	11.1	5.5	1	02/16/16 16:42	02/17/16 22:13	99-09-2	
Acenaphthene	**<1.8**	ug/L	11.1	1.8	1	02/16/16 16:42	02/17/16 22:13	83-32-9	
2,4-Dinitrophenol	**<3.0**	ug/L	11.1	3.0	1	02/16/16 16:42	02/17/16 22:13	51-28-5	
4-Nitrophenol	**<3.7**	ug/L	11.1	3.7	1	02/16/16 16:42	02/17/16 22:13	100-02-7	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-RB **Lab ID: 10338261011** Collected: 02/10/16 07:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	132-64-9	
2,4-Dinitrotoluene	**<2.3**	ug/L	11.1	2.3	1	02/16/16 16:42	02/17/16 22:13	121-14-2	
Diethylphthalate	**<2.7**	ug/L	11.1	2.7	1	02/16/16 16:42	02/17/16 22:13	84-66-2	
4-Chlorophenylphenyl ether	**<1.6**	ug/L	11.1	1.6	1	02/16/16 16:42	02/17/16 22:13	7005-72-3	
Fluorene	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	86-73-7	
4-Nitroaniline	**<4.8**	ug/L	11.1	4.8	1	02/16/16 16:42	02/17/16 22:13	100-01-6	
4,6-Dinitro-2-methylphenol	**<3.9**	ug/L	11.1	3.9	1	02/16/16 16:42	02/17/16 22:13	534-52-1	
N-Nitrosodiphenylamine	**<4.3**	ug/L	11.1	4.3	1	02/16/16 16:42	02/17/16 22:13	86-30-6	
4-Bromophenylphenyl ether	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	101-55-3	
Hexachlorobenzene	**<2.9**	ug/L	11.1	2.9	1	02/16/16 16:42	02/17/16 22:13	118-74-1	
Pentachlorophenol	**<2.4**	ug/L	22.2	2.4	1	02/16/16 16:42	02/17/16 22:13	87-86-5	
Phenanthrene	**<2.8**	ug/L	11.1	2.8	1	02/16/16 16:42	02/17/16 22:13	85-01-8	
Anthracene	**<2.7**	ug/L	11.1	2.7	1	02/16/16 16:42	02/17/16 22:13	120-12-7	
Di-n-butylphthalate	**<2.7**	ug/L	11.1	2.7	1	02/16/16 16:42	02/17/16 22:13	84-74-2	
Fluoranthene	**<2.8**	ug/L	11.1	2.8	1	02/16/16 16:42	02/17/16 22:13	206-44-0	
Pyrene	**<2.7**	ug/L	11.1	2.7	1	02/16/16 16:42	02/17/16 22:13	129-00-0	
Butylbenzylphthalate	**<2.1**	ug/L	11.1	2.1	1	02/16/16 16:42	02/17/16 22:13	85-68-7	
3,3'-Dichlorobenzidine	**<5.4**	ug/L	55.6	5.4	1	02/16/16 16:42	02/17/16 22:13	91-94-1	
Benzo(a)anthracene	**<5.6**	ug/L	11.1	5.6	1	02/16/16 16:42	02/17/16 22:13	56-55-3	
Chrysene	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	117-81-7	
Di-n-octylphthalate	**<1.9**	ug/L	11.1	1.9	1	02/16/16 16:42	02/17/16 22:13	117-84-0	
Benzo(b)fluoranthene	**<2.8**	ug/L	11.1	2.8	1	02/16/16 16:42	02/17/16 22:13	205-99-2	
Benzo(k)fluoranthene	**<3.1**	ug/L	11.1	3.1	1	02/16/16 16:42	02/17/16 22:13	207-08-9	
Benzo(a)pyrene	**<2.6**	ug/L	11.1	2.6	1	02/16/16 16:42	02/17/16 22:13	50-32-8	
Indeno(1,2,3-cd)pyrene	**<2.0**	ug/L	11.1	2.0	1	02/16/16 16:42	02/17/16 22:13	193-39-5	
Dibenz(a,h)anthracene	**<2.0**	ug/L	11.1	2.0	1	02/16/16 16:42	02/17/16 22:13	53-70-3	
Benzo(g,h,i)perylene	**<2.8**	ug/L	11.1	2.8	1	02/16/16 16:42	02/17/16 22:13	191-24-2	
N-Nitrosodimethylamine	**<2.5**	ug/L	11.1	2.5	1	02/16/16 16:42	02/17/16 22:13	62-75-9	
1,2-Diphenylhydrazine	**<2.7**	ug/L	11.1	2.7	1	02/16/16 16:42	02/17/16 22:13	122-66-7	
Carbazole	**<2.9**	ug/L	11.1	2.9	1	02/16/16 16:42	02/17/16 22:13	86-74-8	
1-Methylnaphthalene	**<2.3**	ug/L	11.1	2.3	1	02/16/16 16:42	02/17/16 22:13	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	70	%.	57-125		1	02/16/16 16:42	02/17/16 22:13	4165-60-0	
2-Fluorobiphenyl (S)	75	%.	48-125		1	02/16/16 16:42	02/17/16 22:13	321-60-8	
p-Terphenyl-d14 (S)	88	%.	64-125		1	02/16/16 16:42	02/17/16 22:13	1718-51-0	
Phenol-d6 (S)	70	%.	51-125		1	02/16/16 16:42	02/17/16 22:13	13127-88-3	
2-Fluorophenol (S)	69	%.	45-125		1	02/16/16 16:42	02/17/16 22:13	367-12-4	
2,4,6-Tribromophenol (S)	81	%.	64-125		1	02/16/16 16:42	02/17/16 22:13	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 21:22	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 21:22	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:22	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 21:22	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 21:22	74-97-5	

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150 N Ninth Street
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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-RB **Lab ID: 10338261011** Collected: 02/10/16 07:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:22	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 21:22	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 21:22	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 21:22	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 21:22	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:22	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:22	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 21:22	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:22	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 21:22	75-00-3	
Chloroform	**0.36J**	ug/L	1.0	0.27	1		02/19/16 21:22	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 21:22	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 21:22	96-12-8	
Dibromochloromethane	**0.16J**	ug/L	0.50	0.16	1		02/19/16 21:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:22	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 21:22	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:22	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:22	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 21:22	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 21:22	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 21:22	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:22	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 21:22	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 21:22	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:22	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 21:22	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:22	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 21:22	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:22	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 21:22	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 21:22	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:22	99-87-6	
Methylene Chloride	**0.80J**	ug/L	4.0	0.56	1		02/19/16 21:22	75-09-2	B
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 21:22	108-10-1	
Methyl-tert-butyl ether	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:22	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 21:22	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:22	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 21:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:22	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: B-RB **Lab ID: 10338261011** Collected: 02/10/16 07:45 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 21:22	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 21:22	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 21:22	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:22	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:22	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:22	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:22	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.40	0.14	1		02/19/16 21:22	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:22	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 21:22	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 21:22	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:22	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 21:22	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 21:22	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 21:22	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 21:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	85	%.	75-125		1		02/19/16 21:22	17060-07-0	
Toluene-d8 (S)	102	%.	75-125		1		02/19/16 21:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		02/19/16 21:22	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<87.1**	ug/L	223	87.1	1	02/17/16 09:07	02/20/16 17:39		N2
Surrogates									
1-Chloro-octadecane (S)	87	%.	40-140		1	02/17/16 09:07	02/20/16 17:39	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.22**	ug/L	1.0	0.22	1		02/18/16 18:26	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 18:26	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 18:26	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 18:26	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 18:26	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 18:26	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 18:26	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 18:26	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 18:26		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 18:26		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 18:26		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 18:26		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 18:26		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 18:26		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	118	%.	70-130		1		02/18/16 18:26	98-08-8	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: GW-RB **Lab ID: 10338261012** Collected: 02/09/16 17:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<4.0**	ug/L	20.0	4.0	1	02/15/16 18:01	02/16/16 14:51	7440-38-2	
Barium	**<1.2**	ug/L	10.0	1.2	1	02/15/16 18:01	02/16/16 14:51	7440-39-3	
Cadmium	**<0.65**	ug/L	3.0	0.65	1	02/15/16 18:01	02/16/16 14:51	7440-43-9	
Chromium	**<0.87**	ug/L	10.0	0.87	1	02/15/16 18:01	02/16/16 14:51	7440-47-3	
Lead	**<2.0**	ug/L	10.0	2.0	1	02/15/16 18:01	02/16/16 14:51	7439-92-1	
Selenium	**<8.3**	ug/L	20.0	8.3	1	02/15/16 18:01	02/16/16 14:51	7782-49-2	
Silver	**<2.4**	ug/L	10.0	2.4	1	02/15/16 18:01	02/16/16 14:51	7440-22-4	
7470A Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	**<0.022**	ug/L	0.20	0.022	1	02/14/16 19:35	02/16/16 20:30	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Phenol	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	108-95-2	
bis(2-Chloroethyl) ether	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	111-44-4	
2-Chlorophenol	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	95-57-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	10.0	1.6	1	02/16/16 16:42	02/17/16 20:11	541-73-1	
1,4-Dichlorobenzene	**<1.9**	ug/L	10.0	1.9	1	02/16/16 16:42	02/17/16 20:11	106-46-7	
1,2-Dichlorobenzene	**<1.9**	ug/L	10.0	1.9	1	02/16/16 16:42	02/17/16 20:11	95-50-1	
2-Methylphenol(o-Cresol)	**<2.0**	ug/L	10.0	2.0	1	02/16/16 16:42	02/17/16 20:11	95-48-7	
bis(2-Chloroisopropyl) ether	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	108-60-1	
3&4-Methylphenol(m&p Cresol)	**<2.2**	ug/L	20.0	2.2	1	02/16/16 16:42	02/17/16 20:11		
N-Nitroso-di-n-propylamine	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	621-64-7	
Hexachloroethane	**<1.6**	ug/L	10.0	1.6	1	02/16/16 16:42	02/17/16 20:11	67-72-1	
Nitrobenzene	**<2.5**	ug/L	10.0	2.5	1	02/16/16 16:42	02/17/16 20:11	98-95-3	
Isophorone	**<1.6**	ug/L	10.0	1.6	1	02/16/16 16:42	02/17/16 20:11	78-59-1	
2-Nitrophenol	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	88-75-5	
2,4-Dimethylphenol	**<6.7**	ug/L	50.0	6.7	1	02/16/16 16:42	02/17/16 20:11	105-67-9	
bis(2-Chloroethoxy)methane	**<1.5**	ug/L	10.0	1.5	1	02/16/16 16:42	02/17/16 20:11	111-91-1	
2,4-Dichlorophenol	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	120-83-2	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	1	02/16/16 16:42	02/17/16 20:11	120-82-1	
Naphthalene	**<2.0**	ug/L	10.0	2.0	1	02/16/16 16:42	02/17/16 20:11	91-20-3	
4-Chloroaniline	**<3.6**	ug/L	50.0	3.6	1	02/16/16 16:42	02/17/16 20:11	106-47-8	
Hexachloro-1,3-butadiene	**<1.7**	ug/L	10.0	1.7	1	02/16/16 16:42	02/17/16 20:11	87-68-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	10.0	1.6	1	02/16/16 16:42	02/17/16 20:11	59-50-7	
2-Methylnaphthalene	**<2.1**	ug/L	10.0	2.1	1	02/16/16 16:42	02/17/16 20:11	91-57-6	
2,4,6-Trichlorophenol	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	88-06-2	
2,4,5-Trichlorophenol	**<2.1**	ug/L	10.0	2.1	1	02/16/16 16:42	02/17/16 20:11	95-95-4	
2-Chloronaphthalene	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	91-58-7	
2-Nitroaniline	**<2.8**	ug/L	10.0	2.8	1	02/16/16 16:42	02/17/16 20:11	88-74-4	
Dimethylphthalate	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	131-11-3	
Acenaphthylene	**<2.2**	ug/L	10.0	2.2	1	02/16/16 16:42	02/17/16 20:11	208-96-8	
2,6-Dinitrotoluene	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	606-20-2	
3-Nitroaniline	**<5.0**	ug/L	10.0	5.0	1	02/16/16 16:42	02/17/16 20:11	99-09-2	
Acenaphthene	**<1.6**	ug/L	10.0	1.6	1	02/16/16 16:42	02/17/16 20:11	83-32-9	
2,4-Dinitrophenol	**<2.7**	ug/L	10.0	2.7	1	02/16/16 16:42	02/17/16 20:11	51-28-5	
4-Nitrophenol	**<3.4**	ug/L	10.0	3.4	1	02/16/16 16:42	02/17/16 20:11	100-02-7	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: GW-RB **Lab ID: 10338261012** Collected: 02/09/16 17:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3520								
Dibenzofuran	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	132-64-9	
2,4-Dinitrotoluene	**<2.1**	ug/L	10.0	2.1	1	02/16/16 16:42	02/17/16 20:11	121-14-2	
Diethylphthalate	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	84-66-2	
4-Chlorophenylphenyl ether	**<1.4**	ug/L	10.0	1.4	1	02/16/16 16:42	02/17/16 20:11	7005-72-3	
Fluorene	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	86-73-7	
4-Nitroaniline	**<4.3**	ug/L	10.0	4.3	1	02/16/16 16:42	02/17/16 20:11	100-01-6	
4,6-Dinitro-2-methylphenol	**<3.5**	ug/L	10.0	3.5	1	02/16/16 16:42	02/17/16 20:11	534-52-1	
N-Nitrosodiphenylamine	**<3.9**	ug/L	10.0	3.9	1	02/16/16 16:42	02/17/16 20:11	86-30-6	
4-Bromophenylphenyl ether	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	101-55-3	
Hexachlorobenzene	**<2.6**	ug/L	10.0	2.6	1	02/16/16 16:42	02/17/16 20:11	118-74-1	
Pentachlorophenol	**<2.2**	ug/L	20.0	2.2	1	02/16/16 16:42	02/17/16 20:11	87-86-5	
Phenanthrene	**<2.5**	ug/L	10.0	2.5	1	02/16/16 16:42	02/17/16 20:11	85-01-8	
Anthracene	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	120-12-7	
Di-n-butylphthalate	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	84-74-2	
Fluoranthene	**<2.5**	ug/L	10.0	2.5	1	02/16/16 16:42	02/17/16 20:11	206-44-0	
Pyrene	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	129-00-0	
Butylbenzylphthalate	**<1.9**	ug/L	10.0	1.9	1	02/16/16 16:42	02/17/16 20:11	85-68-7	
3,3'-Dichlorobenzidine	**<4.9**	ug/L	50.0	4.9	1	02/16/16 16:42	02/17/16 20:11	91-94-1	
Benzo(a)anthracene	**<5.0**	ug/L	10.0	5.0	1	02/16/16 16:42	02/17/16 20:11	56-55-3	
Chrysene	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	218-01-9	
bis(2-Ethylhexyl)phthalate	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	117-81-7	
Di-n-octylphthalate	**<1.7**	ug/L	10.0	1.7	1	02/16/16 16:42	02/17/16 20:11	117-84-0	
Benzo(b)fluoranthene	**<2.5**	ug/L	10.0	2.5	1	02/16/16 16:42	02/17/16 20:11	205-99-2	
Benzo(k)fluoranthene	**<2.8**	ug/L	10.0	2.8	1	02/16/16 16:42	02/17/16 20:11	207-08-9	
Benzo(a)pyrene	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	50-32-8	
Indeno(1,2,3-cd)pyrene	**<1.8**	ug/L	10.0	1.8	1	02/16/16 16:42	02/17/16 20:11	193-39-5	
Dibenz(a,h)anthracene	**<1.8**	ug/L	10.0	1.8	1	02/16/16 16:42	02/17/16 20:11	53-70-3	
Benzo(g,h,i)perylene	**<2.5**	ug/L	10.0	2.5	1	02/16/16 16:42	02/17/16 20:11	191-24-2	
N-Nitrosodimethylamine	**<2.3**	ug/L	10.0	2.3	1	02/16/16 16:42	02/17/16 20:11	62-75-9	
1,2-Diphenylhydrazine	**<2.4**	ug/L	10.0	2.4	1	02/16/16 16:42	02/17/16 20:11	122-66-7	
Carbazole	**<2.6**	ug/L	10.0	2.6	1	02/16/16 16:42	02/17/16 20:11	86-74-8	
1-Methylnaphthalene	**<2.1**	ug/L	10.0	2.1	1	02/16/16 16:42	02/17/16 20:11	90-12-0	
Surrogates									
Nitrobenzene-d5 (S)	73	%.	57-125		1	02/16/16 16:42	02/17/16 20:11	4165-60-0	
2-Fluorobiphenyl (S)	78	%.	48-125		1	02/16/16 16:42	02/17/16 20:11	321-60-8	
p-Terphenyl-d14 (S)	91	%.	64-125		1	02/16/16 16:42	02/17/16 20:11	1718-51-0	
Phenol-d6 (S)	72	%.	51-125		1	02/16/16 16:42	02/17/16 20:11	13127-88-3	
2-Fluorophenol (S)	72	%.	45-125		1	02/16/16 16:42	02/17/16 20:11	367-12-4	
2,4,6-Tribromophenol (S)	81	%.	64-125		1	02/16/16 16:42	02/17/16 20:11	118-79-6	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<7.1**	ug/L	20.0	7.1	1		02/19/16 21:44	67-64-1	
Allyl chloride	**<0.58**	ug/L	4.0	0.58	1		02/19/16 21:44	107-05-1	
Benzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:44	71-43-2	
Bromobenzene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 21:44	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 21:44	74-97-5	

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Billings, MT 59101
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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: GW-RB **Lab ID: 10338261012** Collected: 02/09/16 17:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Bromodichloromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:44	75-27-4	
Bromoform	**<0.41**	ug/L	4.0	0.41	1		02/19/16 21:44	75-25-2	
Bromomethane	**<0.36**	ug/L	4.0	0.36	1		02/19/16 21:44	74-83-9	CL
2-Butanone (MEK)	**<2.5**	ug/L	5.0	2.5	1		02/19/16 21:44	78-93-3	
n-Butylbenzene	**<0.083**	ug/L	0.50	0.083	1		02/19/16 21:44	104-51-8	
sec-Butylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:44	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:44	98-06-6	
Carbon tetrachloride	**<0.35**	ug/L	1.0	0.35	1		02/19/16 21:44	56-23-5	
Chlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:44	108-90-7	
Chloroethane	**<0.34**	ug/L	1.0	0.34	1		02/19/16 21:44	75-00-3	
Chloroform	**0.37J**	ug/L	1.0	0.27	1		02/19/16 21:44	67-66-3	
Chloromethane	**<0.64**	ug/L	4.0	0.64	1		02/19/16 21:44	74-87-3	
2-Chlorotoluene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	95-49-8	
4-Chlorotoluene	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.70**	ug/L	4.0	0.70	1		02/19/16 21:44	96-12-8	
Dibromochloromethane	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:44	106-93-4	
Dibromomethane	**<0.31**	ug/L	1.0	0.31	1		02/19/16 21:44	74-95-3	
1,2-Dichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	95-50-1	
1,3-Dichlorobenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:44	541-73-1	
1,4-Dichlorobenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:44	106-46-7	
Dichlorodifluoromethane	**<0.49**	ug/L	1.0	0.49	1		02/19/16 21:44	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	0.50	0.17	1		02/19/16 21:44	107-06-2	
1,1-Dichloroethene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	75-35-4	
cis-1,2-Dichloroethene	**<0.25**	ug/L	0.50	0.25	1		02/19/16 21:44	156-59-2	
trans-1,2-Dichloroethene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:44	156-60-5	
Dichlorofluoromethane	**<0.22**	ug/L	1.0	0.22	1		02/19/16 21:44	75-43-4	
1,2-Dichloropropane	**<0.42**	ug/L	4.0	0.42	1		02/19/16 21:44	78-87-5	
1,3-Dichloropropane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:44	142-28-9	
2,2-Dichloropropane	**<0.36**	ug/L	1.0	0.36	1		02/19/16 21:44	594-20-7	
1,1-Dichloropropene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:44	563-58-6	
cis-1,3-Dichloropropene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.38**	ug/L	4.0	0.38	1		02/19/16 21:44	60-29-7	
Ethylbenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:44	100-41-4	
Hexachloro-1,3-butadiene	**<0.48**	ug/L	4.0	0.48	1		02/19/16 21:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.17**	ug/L	1.0	0.17	1		02/19/16 21:44	98-82-8	
p-Isopropyltoluene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:44	99-87-6	
Methylene Chloride	**0.72J**	ug/L	4.0	0.56	1		02/19/16 21:44	75-09-2	B
4-Methyl-2-pentanone (MIBK)	**<2.4**	ug/L	5.0	2.4	1		02/19/16 21:44	108-10-1	
Methyl-tert-butyl ether	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:44	1634-04-4	
Naphthalene	**<0.14**	ug/L	4.0	0.14	1		02/19/16 21:44	91-20-3	
n-Propylbenzene	**<0.21**	ug/L	0.50	0.21	1		02/19/16 21:44	103-65-1	
Styrene	**<0.11**	ug/L	1.0	0.11	1		02/19/16 21:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:44	630-20-6	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: GW-RB **Lab ID: 10338261012** Collected: 02/09/16 17:40 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
1,1,2,2-Tetrachloroethane	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	79-34-5	
Tetrachloroethene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 21:44	127-18-4	
Tetrahydrofuran	**<4.0**	ug/L	10.0	4.0	1		02/19/16 21:44	109-99-9	
Toluene	**<0.13**	ug/L	0.50	0.13	1		02/19/16 21:44	108-88-3	
1,2,3-Trichlorobenzene	**<0.23**	ug/L	0.50	0.23	1		02/19/16 21:44	87-61-6	
1,2,4-Trichlorobenzene	**<0.22**	ug/L	0.50	0.22	1		02/19/16 21:44	120-82-1	
1,1,1-Trichloroethane	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:44	71-55-6	
1,1,2-Trichloroethane	**<0.24**	ug/L	0.50	0.24	1		02/19/16 21:44	79-00-5	
Trichloroethene	**<0.14**	ug/L	0.40	0.14	1		02/19/16 21:44	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	0.50	0.18	1		02/19/16 21:44	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	4.0	0.50	1		02/19/16 21:44	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/L	1.0	0.42	1		02/19/16 21:44	76-13-1	
1,2,4-Trimethylbenzene	**<0.16**	ug/L	0.50	0.16	1		02/19/16 21:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.20**	ug/L	0.50	0.20	1		02/19/16 21:44	108-67-8	
Vinyl chloride	**<0.081**	ug/L	0.20	0.081	1		02/19/16 21:44	75-01-4	
Xylene (Total)	**<0.60**	ug/L	1.5	0.60	1		02/19/16 21:44	1330-20-7	
m&p-Xylene	**<0.41**	ug/L	1.0	0.41	1		02/19/16 21:44	179601-23-1	
o-Xylene	**<0.19**	ug/L	0.50	0.19	1		02/19/16 21:44	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		02/19/16 21:44	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		02/19/16 21:44	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/19/16 21:44	460-00-4	
MADEP EPH MA Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<86.6**	ug/L	221	86.6	1	02/17/16 09:07	02/20/16 18:12		N2
Surrogates									
1-Chloro-octadecane (S)	81	%.	40-140		1	02/17/16 09:07	02/20/16 18:12	3386-33-2	
MADEP VPH MA Water	Analytical Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.22**	ug/L	1.0	0.22	1		02/18/16 18:57	1634-04-4	N2
Benzene	**<0.074**	ug/L	0.50	0.074	1		02/18/16 18:57	71-43-2	N2
Toluene	**<0.061**	ug/L	0.50	0.061	1		02/18/16 18:57	108-88-3	N2
Ethylbenzene	**<0.060**	ug/L	0.50	0.060	1		02/18/16 18:57	100-41-4	N2
m&p-Xylene	**<0.086**	ug/L	0.50	0.086	1		02/18/16 18:57	179601-23-1	N2
o-Xylene	**<0.078**	ug/L	0.50	0.078	1		02/18/16 18:57	95-47-6	N2
Xylene (Total)	**<0.16**	ug/L	2.0	0.16	1		02/18/16 18:57	1330-20-7	N2
Naphthalene	**<0.16**	ug/L	5.0	0.16	1		02/18/16 18:57	91-20-3	N2
Aliphatic, Adjusted(C05-C08)	**<1.4**	ug/L	20.0	1.4	1		02/18/16 18:57		N2
Aliphatic, Adjusted(C09-C12)	**<1.3**	ug/L	20.0	1.3	1		02/18/16 18:57		N2
Aromatic (C09-C10)	**<0.086**	ug/L	20.0	0.086	1		02/18/16 18:57		N2
Total Purgeable Hydro Carbons	**<2.3**	ug/L	20.0	2.3	1		02/18/16 18:57		N2
Aliphatic (C09-C12),Unadjusted	**<1.3**	ug/L	20.0	1.3	1		02/18/16 18:57		N2
Aliphatic (C05-C08),Unadjusted	**<1.4**	ug/L	20.0	1.4	1		02/18/16 18:57		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	118	%.	70-130		1		02/18/16 18:57	98-08-8	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (002, 003, 004) **Lab ID: 10338261013** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<20.0**	ug/L	20.0	7.1	1		02/19/16 11:00	67-64-1	
Allyl chloride	**<4.0**	ug/L	4.0	0.58	1		02/19/16 11:00	107-05-1	
Benzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:00	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 11:00	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 11:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:00	75-27-4	
Bromoform	**<4.0**	ug/L	4.0	0.41	1		02/19/16 11:00	75-25-2	
Bromomethane	**<4.0**	ug/L	4.0	0.36	1		02/19/16 11:00	74-83-9	CL,L2
2-Butanone (MEK)	**<5.0**	ug/L	5.0	2.5	1		02/19/16 11:00	78-93-3	
n-Butylbenzene	**<0.50**	ug/L	0.50	0.083	1		02/19/16 11:00	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:00	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:00	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	1.0	0.35	1		02/19/16 11:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:00	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 11:00	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	0.27	1		02/19/16 11:00	67-66-3	CL
Chloromethane	**<4.0**	ug/L	4.0	0.64	1		02/19/16 11:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.0**	ug/L	4.0	0.70	1		02/19/16 11:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:00	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	0.31	1		02/19/16 11:00	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:00	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	0.49	1		02/19/16 11:00	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	0.17	1		02/19/16 11:00	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	75-35-4	CL
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 11:00	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:00	156-60-5	
Dichlorofluoromethane	**<1.0**	ug/L	1.0	0.22	1		02/19/16 11:00	75-43-4	
1,2-Dichloropropane	**<4.0**	ug/L	4.0	0.42	1		02/19/16 11:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:00	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	0.36	1		02/19/16 11:00	594-20-7	L2
1,1-Dichloropropene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	10061-02-6	
Diethyl ether (Ethyl ether)	**<4.0**	ug/L	4.0	0.38	1		02/19/16 11:00	60-29-7	
Ethylbenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:00	100-41-4	
Hexachloro-1,3-butadiene	**<4.0**	ug/L	4.0	0.48	1		02/19/16 11:00	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	0.17	1		02/19/16 11:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:00	99-87-6	
Methylene Chloride	**<4.0**	ug/L	4.0	0.56	1		02/19/16 11:00	75-09-2	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (002, 003, 004) **Lab ID: 10338261013** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	2.4	1		02/19/16 11:00	108-10-1	
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:00	1634-04-4	
Naphthalene	**<4.0**	ug/L	4.0	0.14	1		02/19/16 11:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:00	103-65-1	
Styrene	**<1.0**	ug/L	1.0	0.11	1		02/19/16 11:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 11:00	127-18-4	
Tetrahydrofuran	**<10.0**	ug/L	10.0	4.0	1		02/19/16 11:00	109-99-9	
Toluene	**<0.50**	ug/L	0.50	0.13	1		02/19/16 11:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:00	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:00	79-00-5	
Trichloroethene	**<0.40**	ug/L	0.40	0.14	1		02/19/16 11:00	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:00	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	0.50	1		02/19/16 11:00	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<1.0**	ug/L	1.0	0.42	1		02/19/16 11:00	76-13-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:00	108-67-8	
Vinyl chloride	**<0.20**	ug/L	0.20	0.081	1		02/19/16 11:00	75-01-4	
Xylene (Total)	**<1.5**	ug/L	1.5	0.60	1		02/19/16 11:00	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	1.0	0.41	1		02/19/16 11:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 11:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	85	%.	75-125		1		02/19/16 11:00	17060-07-0	P2
Toluene-d8 (S)	102	%.	75-125		1		02/19/16 11:00	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		02/19/16 11:00	460-00-4	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (005 & 006) **Lab ID: 10338261014** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<20.0**	ug/L	20.0	7.1	1		02/19/16 11:22	67-64-1	
Allyl chloride	**<4.0**	ug/L	4.0	0.58	1		02/19/16 11:22	107-05-1	
Benzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:22	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 11:22	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 11:22	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:22	75-27-4	
Bromoform	**<4.0**	ug/L	4.0	0.41	1		02/19/16 11:22	75-25-2	
Bromomethane	**<4.0**	ug/L	4.0	0.36	1		02/19/16 11:22	74-83-9	CL,L2
2-Butanone (MEK)	**<5.0**	ug/L	5.0	2.5	1		02/19/16 11:22	78-93-3	
n-Butylbenzene	**<0.50**	ug/L	0.50	0.083	1		02/19/16 11:22	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:22	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:22	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	1.0	0.35	1		02/19/16 11:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:22	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 11:22	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	0.27	1		02/19/16 11:22	67-66-3	CL
Chloromethane	**<4.0**	ug/L	4.0	0.64	1		02/19/16 11:22	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.0**	ug/L	4.0	0.70	1		02/19/16 11:22	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:22	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	0.31	1		02/19/16 11:22	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:22	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	0.49	1		02/19/16 11:22	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	0.17	1		02/19/16 11:22	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	75-35-4	CL
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 11:22	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:22	156-60-5	
Dichlorofluoromethane	**<1.0**	ug/L	1.0	0.22	1		02/19/16 11:22	75-43-4	
1,2-Dichloropropane	**<4.0**	ug/L	4.0	0.42	1		02/19/16 11:22	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:22	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	0.36	1		02/19/16 11:22	594-20-7	L2
1,1-Dichloropropene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:22	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	10061-02-6	
Diethyl ether (Ethyl ether)	**<4.0**	ug/L	4.0	0.38	1		02/19/16 11:22	60-29-7	
Ethylbenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:22	100-41-4	
Hexachloro-1,3-butadiene	**<4.0**	ug/L	4.0	0.48	1		02/19/16 11:22	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	0.17	1		02/19/16 11:22	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:22	99-87-6	
Methylene Chloride	**<4.0**	ug/L	4.0	0.56	1		02/19/16 11:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	2.4	1		02/19/16 11:22	108-10-1	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (005 & 006) **Lab ID: 10338261014** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:22	1634-04-4	
Naphthalene	**<4.0**	ug/L	4.0	0.14	1		02/19/16 11:22	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:22	103-65-1	
Styrene	**<1.0**	ug/L	1.0	0.11	1		02/19/16 11:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 11:22	127-18-4	
Tetrahydrofuran	**<10.0**	ug/L	10.0	4.0	1		02/19/16 11:22	109-99-9	
Toluene	**<0.50**	ug/L	0.50	0.13	1		02/19/16 11:22	108-88-3	
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:22	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:22	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:22	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:22	79-00-5	
Trichloroethene	**<0.40**	ug/L	0.40	0.14	1		02/19/16 11:22	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:22	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	0.50	1		02/19/16 11:22	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<1.0**	ug/L	1.0	0.42	1		02/19/16 11:22	76-13-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:22	108-67-8	
Vinyl chloride	**<0.20**	ug/L	0.20	0.081	1		02/19/16 11:22	75-01-4	
Xylene (Total)	**<1.5**	ug/L	1.5	0.60	1		02/19/16 11:22	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	1.0	0.41	1		02/19/16 11:22	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 11:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	87	%.	75-125		1		02/19/16 11:22	17060-07-0	P2
Toluene-d8 (S)	100	%.	75-125		1		02/19/16 11:22	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		02/19/16 11:22	460-00-4	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (007 & 009) **Lab ID: 10338261015** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<20.0**	ug/L	20.0	7.1	1		02/19/16 11:45	67-64-1	
Allyl chloride	**<4.0**	ug/L	4.0	0.58	1		02/19/16 11:45	107-05-1	
Benzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:45	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 11:45	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 11:45	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:45	75-27-4	
Bromoform	**<4.0**	ug/L	4.0	0.41	1		02/19/16 11:45	75-25-2	
Bromomethane	**<4.0**	ug/L	4.0	0.36	1		02/19/16 11:45	74-83-9	CL,L2
2-Butanone (MEK)	**<5.0**	ug/L	5.0	2.5	1		02/19/16 11:45	78-93-3	
n-Butylbenzene	**<0.50**	ug/L	0.50	0.083	1		02/19/16 11:45	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:45	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:45	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	1.0	0.35	1		02/19/16 11:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:45	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 11:45	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	0.27	1		02/19/16 11:45	67-66-3	CL
Chloromethane	**<4.0**	ug/L	4.0	0.64	1		02/19/16 11:45	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.0**	ug/L	4.0	0.70	1		02/19/16 11:45	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:45	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	0.31	1		02/19/16 11:45	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:45	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	0.49	1		02/19/16 11:45	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	0.17	1		02/19/16 11:45	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	75-35-4	CL
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 11:45	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:45	156-60-5	
Dichlorofluoromethane	**<1.0**	ug/L	1.0	0.22	1		02/19/16 11:45	75-43-4	
1,2-Dichloropropane	**<4.0**	ug/L	4.0	0.42	1		02/19/16 11:45	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:45	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	0.36	1		02/19/16 11:45	594-20-7	L2
1,1-Dichloropropene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:45	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	10061-02-6	
Diethyl ether (Ethyl ether)	**<4.0**	ug/L	4.0	0.38	1		02/19/16 11:45	60-29-7	
Ethylbenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:45	100-41-4	
Hexachloro-1,3-butadiene	**<4.0**	ug/L	4.0	0.48	1		02/19/16 11:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	0.17	1		02/19/16 11:45	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:45	99-87-6	
Methylene Chloride	**<4.0**	ug/L	4.0	0.56	1		02/19/16 11:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	2.4	1		02/19/16 11:45	108-10-1	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (007 & 009) **Lab ID: 10338261015** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:45	1634-04-4	
Naphthalene	**<4.0**	ug/L	4.0	0.14	1		02/19/16 11:45	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 11:45	103-65-1	
Styrene	**<1.0**	ug/L	1.0	0.11	1		02/19/16 11:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 11:45	127-18-4	
Tetrahydrofuran	**<10.0**	ug/L	10.0	4.0	1		02/19/16 11:45	109-99-9	
Toluene	**<0.50**	ug/L	0.50	0.13	1		02/19/16 11:45	108-88-3	
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 11:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 11:45	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:45	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 11:45	79-00-5	
Trichloroethene	**<0.40**	ug/L	0.40	0.14	1		02/19/16 11:45	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 11:45	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	0.50	1		02/19/16 11:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<1.0**	ug/L	1.0	0.42	1		02/19/16 11:45	76-13-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 11:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	0.20	1		02/19/16 11:45	108-67-8	
Vinyl chloride	**<0.20**	ug/L	0.20	0.081	1		02/19/16 11:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	1.5	0.60	1		02/19/16 11:45	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	1.0	0.41	1		02/19/16 11:45	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 11:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	87	%.	75-125		1		02/19/16 11:45	17060-07-0	P2
Toluene-d8 (S)	100	%.	75-125		1		02/19/16 11:45	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		02/19/16 11:45	460-00-4	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (B-1, B-DUP, GW-RB) **Lab ID: 10338261016** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<20.0**	ug/L	20.0	7.1	1		02/19/16 12:07	67-64-1	
Allyl chloride	**<4.0**	ug/L	4.0	0.58	1		02/19/16 12:07	107-05-1	
Benzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:07	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 12:07	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 12:07	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 12:07	75-27-4	
Bromoform	**<4.0**	ug/L	4.0	0.41	1		02/19/16 12:07	75-25-2	
Bromomethane	**<4.0**	ug/L	4.0	0.36	1		02/19/16 12:07	74-83-9	CL,L2
2-Butanone (MEK)	**<5.0**	ug/L	5.0	2.5	1		02/19/16 12:07	78-93-3	
n-Butylbenzene	**<0.50**	ug/L	0.50	0.083	1		02/19/16 12:07	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:07	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50	0.18	1		02/19/16 12:07	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	1.0	0.35	1		02/19/16 12:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:07	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 12:07	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	0.27	1		02/19/16 12:07	67-66-3	CL
Chloromethane	**<4.0**	ug/L	4.0	0.64	1		02/19/16 12:07	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50	0.24	1		02/19/16 12:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.0**	ug/L	4.0	0.70	1		02/19/16 12:07	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:07	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	0.31	1		02/19/16 12:07	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:07	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	0.49	1		02/19/16 12:07	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	0.17	1		02/19/16 12:07	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	75-35-4	CL
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 12:07	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:07	156-60-5	
Dichlorofluoromethane	**<1.0**	ug/L	1.0	0.22	1		02/19/16 12:07	75-43-4	
1,2-Dichloropropane	**<4.0**	ug/L	4.0	0.42	1		02/19/16 12:07	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 12:07	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	0.36	1		02/19/16 12:07	594-20-7	L2
1,1-Dichloropropene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:07	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	10061-02-6	
Diethyl ether (Ethyl ether)	**<4.0**	ug/L	4.0	0.38	1		02/19/16 12:07	60-29-7	
Ethylbenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:07	100-41-4	
Hexachloro-1,3-butadiene	**<4.0**	ug/L	4.0	0.48	1		02/19/16 12:07	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	0.17	1		02/19/16 12:07	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:07	99-87-6	
Methylene Chloride	**<4.0**	ug/L	4.0	0.56	1		02/19/16 12:07	75-09-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (B-1, B-DUP, GW-RB) **Lab ID: 10338261016** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	2.4	1		02/19/16 12:07	108-10-1	
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:07	1634-04-4	
Naphthalene	**<4.0**	ug/L	4.0	0.14	1		02/19/16 12:07	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:07	103-65-1	
Styrene	**<1.0**	ug/L	1.0	0.11	1		02/19/16 12:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 12:07	127-18-4	
Tetrahydrofuran	**<10.0**	ug/L	10.0	4.0	1		02/19/16 12:07	109-99-9	
Toluene	**<0.50**	ug/L	0.50	0.13	1		02/19/16 12:07	108-88-3	
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:07	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:07	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:07	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 12:07	79-00-5	
Trichloroethene	**<0.40**	ug/L	0.40	0.14	1		02/19/16 12:07	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 12:07	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	0.50	1		02/19/16 12:07	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<1.0**	ug/L	1.0	0.42	1		02/19/16 12:07	76-13-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:07	108-67-8	
Vinyl chloride	**<0.20**	ug/L	0.20	0.081	1		02/19/16 12:07	75-01-4	
Xylene (Total)	**<1.5**	ug/L	1.5	0.60	1		02/19/16 12:07	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	1.0	0.41	1		02/19/16 12:07	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 12:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	84	%.	75-125		1		02/19/16 12:07	17060-07-0	P2
Toluene-d8 (S)	98	%.	75-125		1		02/19/16 12:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/19/16 12:07	460-00-4	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (B-RB & B-8) **Lab ID: 10338261017** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	**<20.0**	ug/L	20.0	7.1	1		02/19/16 12:30	67-64-1	
Allyl chloride	**<4.0**	ug/L	4.0	0.58	1		02/19/16 12:30	107-05-1	
Benzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:30	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 12:30	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 12:30	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 12:30	75-27-4	
Bromoform	**<4.0**	ug/L	4.0	0.41	1		02/19/16 12:30	75-25-2	
Bromomethane	**<4.0**	ug/L	4.0	0.36	1		02/19/16 12:30	74-83-9	CL,L2
2-Butanone (MEK)	**<5.0**	ug/L	5.0	2.5	1		02/19/16 12:30	78-93-3	
n-Butylbenzene	**<0.50**	ug/L	0.50	0.083	1		02/19/16 12:30	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:30	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50	0.18	1		02/19/16 12:30	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	1.0	0.35	1		02/19/16 12:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:30	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	0.34	1		02/19/16 12:30	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	0.27	1		02/19/16 12:30	67-66-3	CL
Chloromethane	**<4.0**	ug/L	4.0	0.64	1		02/19/16 12:30	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50	0.24	1		02/19/16 12:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.0**	ug/L	4.0	0.70	1		02/19/16 12:30	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:30	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	0.31	1		02/19/16 12:30	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:30	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:30	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	0.49	1		02/19/16 12:30	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	0.17	1		02/19/16 12:30	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	75-35-4	CL
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.25	1		02/19/16 12:30	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:30	156-60-5	
Dichlorofluoromethane	**<1.0**	ug/L	1.0	0.22	1		02/19/16 12:30	75-43-4	
1,2-Dichloropropane	**<4.0**	ug/L	4.0	0.42	1		02/19/16 12:30	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 12:30	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	0.36	1		02/19/16 12:30	594-20-7	L2
1,1-Dichloropropene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:30	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	10061-02-6	
Diethyl ether (Ethyl ether)	**<4.0**	ug/L	4.0	0.38	1		02/19/16 12:30	60-29-7	
Ethylbenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:30	100-41-4	
Hexachloro-1,3-butadiene	**<4.0**	ug/L	4.0	0.48	1		02/19/16 12:30	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	0.17	1		02/19/16 12:30	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:30	99-87-6	
Methylene Chloride	**<4.0**	ug/L	4.0	0.56	1		02/19/16 12:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	2.4	1		02/19/16 12:30	108-10-1	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Sample: TRIP BLANK (B-RB & B-8) **Lab ID: 10338261017** Collected: 02/09/16 00:00 Received: 02/10/16 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:30	1634-04-4	
Naphthalene	**<4.0**	ug/L	4.0	0.14	1		02/19/16 12:30	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	0.50	0.21	1		02/19/16 12:30	103-65-1	
Styrene	**<1.0**	ug/L	1.0	0.11	1		02/19/16 12:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 12:30	127-18-4	
Tetrahydrofuran	**<10.0**	ug/L	10.0	4.0	1		02/19/16 12:30	109-99-9	
Toluene	**<0.50**	ug/L	0.50	0.13	1		02/19/16 12:30	108-88-3	
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	0.23	1		02/19/16 12:30	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	0.22	1		02/19/16 12:30	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:30	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	0.24	1		02/19/16 12:30	79-00-5	
Trichloroethene	**<0.40**	ug/L	0.40	0.14	1		02/19/16 12:30	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50	0.18	1		02/19/16 12:30	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	0.50	1		02/19/16 12:30	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<1.0**	ug/L	1.0	0.42	1		02/19/16 12:30	76-13-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	0.16	1		02/19/16 12:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	0.20	1		02/19/16 12:30	108-67-8	
Vinyl chloride	**<0.20**	ug/L	0.20	0.081	1		02/19/16 12:30	75-01-4	
Xylene (Total)	**<1.5**	ug/L	1.5	0.60	1		02/19/16 12:30	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	1.0	0.41	1		02/19/16 12:30	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50	0.19	1		02/19/16 12:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	87	%.	75-125		1		02/19/16 12:30	17060-07-0	P2
Toluene-d8 (S)	99	%.	75-125		1		02/19/16 12:30	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		02/19/16 12:30	460-00-4	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MERP/15937 | Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A | Analysis Description: 7470A Mercury Water
Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

METHOD BLANK: 2190980 | Matrix: Water
Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	<0.022	0.20	0.022	02/16/16 19:53	

LABORATORY CONTROL SAMPLE: 2190981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190982 2190983

Parameter	Units	10338261003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.27J	15	15	14.4	15.2	94	100	80-120	5	20	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MPRP/61424 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

METHOD BLANK: 2190976 | Matrix: Water
Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/L	<4.0	20.0	4.0	02/16/16 13:34	
Barium	ug/L	<1.2	10.0	1.2	02/16/16 13:34	
Cadmium	ug/L	<0.65	3.0	0.65	02/16/16 13:34	
Chromium	ug/L	<0.87	10.0	0.87	02/16/16 13:34	
Lead	ug/L	<2.0	10.0	2.0	02/16/16 13:34	
Selenium	ug/L	<8.3	20.0	8.3	02/16/16 13:34	
Silver	ug/L	<2.4	10.0	2.4	02/16/16 13:34	

LABORATORY CONTROL SAMPLE: 2190977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	982	98	80-120	
Barium	ug/L	1000	983	98	80-120	
Cadmium	ug/L	1000	985	98	80-120	
Chromium	ug/L	1000	975	98	80-120	
Lead	ug/L	1000	984	98	80-120	
Selenium	ug/L	1000	1000	100	80-120	
Silver	ug/L	500	480	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190978 2190979

Parameter	Units	10338261002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	34.8	1000	1000	1020	998	98	96	75-125	2	20	
Barium	ug/L	936	1000	1000	1910	1830	98	90	75-125	4	20	
Cadmium	ug/L	0.66J	1000	1000	957	942	96	94	75-125	2	20	
Chromium	ug/L	198	1000	1000	1110	1080	91	88	75-125	3	20	
Lead	ug/L	68.2	1000	1000	959	949	89	88	75-125	1	20	
Selenium	ug/L	11.7J	1000	1000	985	975	97	96	75-125	1	20	
Silver	ug/L	<2.4	500	500	480	474	96	95	75-125	1	20	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MSV/34629 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV LL Water
Associated Lab Samples: 10338261003, 10338261004, 10338261005

METHOD BLANK: 2192435 Matrix: Water
Associated Lab Samples: 10338261003, 10338261004, 10338261005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.50	0.20	02/18/16 15:59	
1,1,1-Trichloroethane	ug/L	<0.20	0.50	0.20	02/18/16 15:59	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
1,1,2-Trichloroethane	ug/L	<0.24	0.50	0.24	02/18/16 15:59	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.42	1.0	0.42	02/18/16 15:59	
1,1-Dichloroethane	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
1,1-Dichloroethene	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
1,1-Dichloropropene	ug/L	<0.16	0.50	0.16	02/18/16 15:59	
1,2,3-Trichlorobenzene	ug/L	<0.23	0.50	0.23	02/18/16 15:59	
1,2,3-Trichloropropane	ug/L	<0.50	4.0	0.50	02/18/16 15:59	
1,2,4-Trichlorobenzene	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
1,2,4-Trimethylbenzene	ug/L	<0.16	0.50	0.16	02/18/16 15:59	
1,2-Dibromo-3-chloropropane	ug/L	<0.70	4.0	0.70	02/18/16 15:59	
1,2-Dibromoethane (EDB)	ug/L	<0.23	0.50	0.23	02/18/16 15:59	
1,2-Dichlorobenzene	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
1,2-Dichloroethane	ug/L	<0.17	0.50	0.17	02/18/16 15:59	
1,2-Dichloropropane	ug/L	<0.42	4.0	0.42	02/18/16 15:59	
1,3,5-Trimethylbenzene	ug/L	<0.20	0.50	0.20	02/18/16 15:59	
1,3-Dichlorobenzene	ug/L	<0.21	0.50	0.21	02/18/16 15:59	
1,3-Dichloropropane	ug/L	<0.24	0.50	0.24	02/18/16 15:59	
1,4-Dichlorobenzene	ug/L	<0.16	0.50	0.16	02/18/16 15:59	
2,2-Dichloropropane	ug/L	<0.36	1.0	0.36	02/18/16 15:59	
2-Butanone (MEK)	ug/L	<2.5	5.0	2.5	02/18/16 15:59	
2-Chlorotoluene	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
4-Chlorotoluene	ug/L	<0.24	0.50	0.24	02/18/16 15:59	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.4	5.0	2.4	02/18/16 15:59	
Acetone	ug/L	<7.1	20.0	7.1	02/18/16 15:59	
Allyl chloride	ug/L	<0.58	4.0	0.58	02/18/16 15:59	
Benzene	ug/L	<0.21	0.50	0.21	02/18/16 15:59	
Bromobenzene	ug/L	<0.25	0.50	0.25	02/18/16 15:59	
Bromochloromethane	ug/L	<0.34	1.0	0.34	02/18/16 15:59	
Bromodichloromethane	ug/L	<0.18	0.50	0.18	02/18/16 15:59	
Bromoform	ug/L	<0.41	4.0	0.41	02/18/16 15:59	
Bromomethane	ug/L	<0.36	4.0	0.36	02/18/16 15:59	CL
Carbon tetrachloride	ug/L	<0.35	1.0	0.35	02/18/16 15:59	
Chlorobenzene	ug/L	<0.23	0.50	0.23	02/18/16 15:59	
Chloroethane	ug/L	<0.34	1.0	0.34	02/18/16 15:59	
Chloroform	ug/L	<0.27	1.0	0.27	02/18/16 15:59	
Chloromethane	ug/L	<0.64	4.0	0.64	02/18/16 15:59	
cis-1,2-Dichloroethene	ug/L	<0.25	0.50	0.25	02/18/16 15:59	
cis-1,3-Dichloropropene	ug/L	<0.21	0.50	0.21	02/18/16 15:59	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

METHOD BLANK: 2192435 Matrix: Water
Associated Lab Samples: 10338261003, 10338261004, 10338261005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.16	0.50	0.16	02/18/16 15:59	
Dibromomethane	ug/L	<0.31	1.0	0.31	02/18/16 15:59	
Dichlorodifluoromethane	ug/L	<0.49	1.0	0.49	02/18/16 15:59	
Dichlorofluoromethane	ug/L	<0.22	1.0	0.22	02/18/16 15:59	
Diethyl ether (Ethyl ether)	ug/L	<0.38	4.0	0.38	02/18/16 15:59	
Ethylbenzene	ug/L	<0.23	0.50	0.23	02/18/16 15:59	
Hexachloro-1,3-butadiene	ug/L	<0.48	4.0	0.48	02/18/16 15:59	
Isopropylbenzene (Cumene)	ug/L	<0.17	1.0	0.17	02/18/16 15:59	
m&p-Xylene	ug/L	<0.41	1.0	0.41	02/18/16 15:59	
Methyl-tert-butyl ether	ug/L	<0.20	0.50	0.20	02/18/16 15:59	
Methylene Chloride	ug/L	<0.56	4.0	0.56	02/18/16 15:59	
n-Butylbenzene	ug/L	<0.083	0.50	0.083	02/18/16 15:59	
n-Propylbenzene	ug/L	<0.21	0.50	0.21	02/18/16 15:59	
Naphthalene	ug/L	<0.14	4.0	0.14	02/18/16 15:59	CL
o-Xylene	ug/L	<0.19	0.50	0.19	02/18/16 15:59	
p-Isopropyltoluene	ug/L	<0.16	0.50	0.16	02/18/16 15:59	
sec-Butylbenzene	ug/L	<0.16	0.50	0.16	02/18/16 15:59	
Styrene	ug/L	<0.11	1.0	0.11	02/18/16 15:59	
tert-Butylbenzene	ug/L	<0.18	0.50	0.18	02/18/16 15:59	
Tetrachloroethene	ug/L	<0.19	0.50	0.19	02/18/16 15:59	
Tetrahydrofuran	ug/L	<4.0	10.0	4.0	02/18/16 15:59	
Toluene	ug/L	<0.13	0.50	0.13	02/18/16 15:59	
trans-1,2-Dichloroethene	ug/L	<0.21	0.50	0.21	02/18/16 15:59	
trans-1,3-Dichloropropene	ug/L	<0.22	0.50	0.22	02/18/16 15:59	
Trichloroethene	ug/L	<0.14	0.40	0.14	02/18/16 15:59	
Trichlorofluoromethane	ug/L	<0.18	0.50	0.18	02/18/16 15:59	
Vinyl chloride	ug/L	<0.081	0.20	0.081	02/18/16 15:59	
Xylene (Total)	ug/L	<0.60	1.5	0.60	02/18/16 15:59	
1,2-Dichloroethane-d4 (S)	%.	88	75-125		02/18/16 15:59	
4-Bromofluorobenzene (S)	%.	101	75-125		02/18/16 15:59	
Toluene-d8 (S)	%.	101	75-125		02/18/16 15:59	

LABORATORY CONTROL SAMPLE: 2192436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.9	95	75-125	
1,1,1-Trichloroethane	ug/L	20	17.0	85	74-125	
1,1,2,2-Tetrachloroethane	ug/L	20	18.1	90	67-131	
1,1,2-Trichloroethane	ug/L	20	17.9	89	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	16.2	81	75-125	
1,1-Dichloroethane	ug/L	20	17.7	88	74-125	
1,1-Dichloroethene	ug/L	20	16.3	82	74-125	
1,1-Dichloropropene	ug/L	20	16.3	82	74-125	
1,2,3-Trichlorobenzene	ug/L	20	16.0	80	63-131	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE: 2192436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	17.7	89	73-125	
1,2,4-Trichlorobenzene	ug/L	20	14.8	74	66-126	
1,2,4-Trimethylbenzene	ug/L	20	18.2	91	74-129	
1,2-Dibromo-3-chloropropane	ug/L	50	40.9	82	54-129	
1,2-Dibromoethane (EDB)	ug/L	20	19.3	97	75-125	
1,2-Dichlorobenzene	ug/L	20	17.5	88	75-125	
1,2-Dichloroethane	ug/L	20	16.7	83	75-125	
1,2-Dichloropropane	ug/L	20	17.6	88	75-125	
1,3,5-Trimethylbenzene	ug/L	20	18.1	90	73-127	
1,3-Dichlorobenzene	ug/L	20	17.5	88	75-125	
1,3-Dichloropropane	ug/L	20	17.7	89	69-125	
1,4-Dichlorobenzene	ug/L	20	17.2	86	75-125	
2,2-Dichloropropane	ug/L	20	20.0	100	69-125	
2-Butanone (MEK)	ug/L	100	96.2	96	48-145	
2-Chlorotoluene	ug/L	20	17.3	86	74-125	
4-Chlorotoluene	ug/L	20	18.6	93	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	109	109	53-138	
Acetone	ug/L	100	90.2	90	70-142	
Allyl chloride	ug/L	20	17.9	89	61-127	
Benzene	ug/L	20	17.2	86	65-125	
Bromobenzene	ug/L	20	18.1	91	75-125	
Bromochloromethane	ug/L	20	17.7	88	75-125	
Bromodichloromethane	ug/L	20	17.9	90	73-125	
Bromoform	ug/L	20	19.8	99	69-125	
Bromomethane	ug/L	20	10.8	54	40-136	CL
Carbon tetrachloride	ug/L	20	17.2	86	70-125	
Chlorobenzene	ug/L	20	17.8	89	75-125	
Chloroethane	ug/L	20	16.5	83	67-141	
Chloroform	ug/L	20	16.4	82	75-125	
Chloromethane	ug/L	20	16.5	82	50-150	
cis-1,2-Dichloroethene	ug/L	20	18.3	92	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.0	95	75-125	
Dibromochloromethane	ug/L	20	19.0	95	75-125	
Dibromomethane	ug/L	20	19.4	97	75-129	
Dichlorodifluoromethane	ug/L	20	16.6	83	59-135	
Dichlorofluoromethane	ug/L	20	17.1	86	74-130	
Diethyl ether (Ethyl ether)	ug/L	20	16.3	82	66-132	
Ethylbenzene	ug/L	20	17.8	89	75-125	
Hexachloro-1,3-butadiene	ug/L	20	16.4	82	72-126	
Isopropylbenzene (Cumene)	ug/L	20	17.7	89	71-136	
m&p-Xylene	ug/L	40	37.6	94	75-125	
Methyl-tert-butyl ether	ug/L	20	18.0	90	73-127	
Methylene Chloride	ug/L	20	17.6	88	68-128	
n-Butylbenzene	ug/L	20	17.7	88	70-126	
n-Propylbenzene	ug/L	20	16.6	83	67-131	
Naphthalene	ug/L	20	14.9	75	52-134	CL
o-Xylene	ug/L	20	18.0	90	75-125	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE: 2192436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	20	18.5	93	74-125	
sec-Butylbenzene	ug/L	20	18.5	92	69-134	
Styrene	ug/L	20	18.6	93	75-125	
tert-Butylbenzene	ug/L	20	18.5	93	71-128	
Tetrachloroethene	ug/L	20	17.8	89	74-125	
Tetrahydrofuran	ug/L	200	168	84	64-142	
Toluene	ug/L	20	17.7	88	75-125	
trans-1,2-Dichloroethene	ug/L	20	15.8	79	73-125	
trans-1,3-Dichloropropene	ug/L	20	18.2	91	75-125	
Trichloroethene	ug/L	20	17.2	86	75-125	
Trichlorofluoromethane	ug/L	20	15.7	78	75-126	
Vinyl chloride	ug/L	20	18.9	95	72-125	
Xylene (Total)	ug/L	60	55.6	93	75-125	
1,2-Dichloroethane-d4 (S)	%.			89	75-125	
4-Bromofluorobenzene (S)	%.			101	75-125	
Toluene-d8 (S)	%.			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2193964 2193965

Parameter	Units	10338091004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.7	18.0	99	90	75-127	9	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.8	17.3	94	86	66-142	9	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.0	16.5	90	82	70-131	9	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.5	16.9	88	85	75-128	4	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	18.0	16.9	90	85	54-150	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.0	17.8	93	87	58-147	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	16.2	15.1	81	76	49-150	7	30	
1,1-Dichloropropene	ug/L	ND	20	20	16.4	15.5	82	78	58-147	6	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.5	14.6	72	73	57-139	1	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.1	16.4	86	82	71-127	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	13.3	13.0	66	65	55-136	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.5	16.6	88	83	67-138	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	36.3	35.0	73	70	63-136	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.0	17.3	90	87	74-125	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	16.4	90	82	75-125	9	30	
1,2-Dichloroethane	ug/L	ND	20	20	15.9	15.4	80	77	63-133	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	17.6	16.3	88	82	63-138	7	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.1	17.0	90	85	69-136	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.0	15.7	85	78	75-125	8	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.6	16.9	88	84	65-135	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	16.5	15.5	83	77	70-126	7	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.1	17.9	96	90	39-148	7	30	
2-Butanone (MEK)	ug/L	ND	100	100	87.1	83.2	87	83	50-144	4	30	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2193964 2193965

Parameter	Units	10338091004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Chlorotoluene	ug/L	ND	20	20	17.5	16.1	87	80	71-135	8	30	
4-Chlorotoluene	ug/L	ND	20	20	18.3	17.4	91	87	71-131	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	102	102	102	102	60-147	0	30	
Acetone	ug/L	ND	100	100	99.9	94.4	100	94	59-150	6	30	
Allyl chloride	ug/L	ND	20	20	17.9	16.5	89	82	38-149	8	30	
Benzene	ug/L	ND	20	20	17.0	15.9	85	80	61-138	6	30	
Bromobenzene	ug/L	ND	20	20	17.1	16.0	86	80	74-130	6	30	
Bromochloromethane	ug/L	ND	20	20	16.8	16.0	84	80	65-137	5	30	
Bromodichloromethane	ug/L	ND	20	20	18.0	16.9	90	84	66-136	6	30	
Bromoform	ug/L	ND	20	20	20.0	19.0	100	95	71-125	5	30	
Bromomethane	ug/L	ND	20	20	10.5	11.9	52	59	30-150	13	30	CL
Carbon tetrachloride	ug/L	ND	20	20	17.9	17.3	90	87	68-140	4	30	
Chlorobenzene	ug/L	ND	20	20	18.0	16.8	90	84	75-132	7	30	
Chloroethane	ug/L	ND	20	20	16.0	17.0	80	85	55-150	6	30	
Chloroform	ug/L	ND	20	20	16.6	15.8	83	79	64-139	5	30	
Chloromethane	ug/L	ND	20	20	15.7	16.9	79	85	73-150	8	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.3	17.2	92	86	62-138	7	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.4	16.4	87	82	70-125	6	30	
Dibromochloromethane	ug/L	ND	20	20	19.6	18.2	98	91	74-125	7	30	
Dibromomethane	ug/L	ND	20	20	18.4	17.4	92	87	66-138	5	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	19.5	91	98	53-150	7	30	
Dichlorofluoromethane	ug/L	ND	20	20	16.6	17.7	83	88	58-150	6	30	
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	16.2	15.1	81	75	47-145	7	30	
Ethylbenzene	ug/L	ND	20	20	17.8	16.8	89	84	66-141	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	15.1	15.5	75	77	63-139	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	17.3	91	87	65-146	4	30	
m&p-Xylene	ug/L	ND	40	40	38.1	35.8	95	90	72-142	6	30	
Methyl-tert-butyl ether	ug/L	8.9	20	20	26.5	25.8	88	85	63-134	2	30	
Methylene Chloride	ug/L	ND	20	20	17.0	16.3	85	82	49-143	4	30	
n-Butylbenzene	ug/L	ND	20	20	16.5	15.8	82	79	67-134	4	30	
n-Propylbenzene	ug/L	ND	20	20	17.1	15.8	85	79	62-142	8	30	
Naphthalene	ug/L	ND	20	20	13.1	12.8	66	64	41-150	2	30	CL
o-Xylene	ug/L	ND	20	20	18.6	17.6	93	88	66-138	6	30	
p-Isopropyltoluene	ug/L	ND	20	20	18.3	17.4	92	87	64-137	5	30	
sec-Butylbenzene	ug/L	ND	20	20	18.8	17.8	94	89	65-142	6	30	
Styrene	ug/L	ND	20	20	17.9	16.9	90	85	61-142	6	30	
tert-Butylbenzene	ug/L	ND	20	20	19.2	18.1	96	90	69-135	6	30	
Tetrachloroethene	ug/L	ND	20	20	19.0	17.4	95	87	62-142	9	30	
Tetrahydrofuran	ug/L	ND	200	200	170	164	85	82	55-150	4	30	
Toluene	ug/L	ND	20	20	17.2	15.7	86	79	66-132	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	15.3	14.6	76	73	48-150	5	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.9	16.8	89	84	65-130	7	30	
Trichloroethene	ug/L	ND	20	20	17.8	16.5	89	82	64-142	8	30	
Trichlorofluoromethane	ug/L	ND	20	20	16.4	17.9	82	90	63-150	9	30	
Vinyl chloride	ug/L	ND	20	20	18.8	21.0	94	105	58-150	11	30	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2193964 2193965

Parameter	Units	10338091004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/L	ND	60	60	56.7	53.4	95	89	70-140	6	30	
1,2-Dichloroethane-d4 (S)	%.						88	87	75-125			
4-Bromofluorobenzene (S)	%.						101	100	75-125			
Toluene-d8 (S)	%.						99	97	75-125			

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MSV/34633 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV LL Water
Associated Lab Samples: 10338261002, 10338261006, 10338261007, 10338261009, 10338261010, 10338261011, 10338261012

METHOD BLANK: 2193066 Matrix: Water
Associated Lab Samples: 10338261002, 10338261006, 10338261007, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.50	0.20	02/19/16 19:07	
1,1,1-Trichloroethane	ug/L	<0.20	0.50	0.20	02/19/16 19:07	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
1,1,2-Trichloroethane	ug/L	<0.24	0.50	0.24	02/19/16 19:07	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.42	1.0	0.42	02/19/16 19:07	
1,1-Dichloroethane	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
1,1-Dichloroethene	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
1,1-Dichloropropene	ug/L	<0.16	0.50	0.16	02/19/16 19:07	
1,2,3-Trichlorobenzene	ug/L	<0.23	0.50	0.23	02/19/16 19:07	
1,2,3-Trichloropropane	ug/L	<0.50	4.0	0.50	02/19/16 19:07	
1,2,4-Trichlorobenzene	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
1,2,4-Trimethylbenzene	ug/L	<0.16	0.50	0.16	02/19/16 19:07	
1,2-Dibromo-3-chloropropane	ug/L	<0.70	4.0	0.70	02/19/16 19:07	
1,2-Dibromoethane (EDB)	ug/L	<0.23	0.50	0.23	02/19/16 19:07	
1,2-Dichlorobenzene	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
1,2-Dichloroethane	ug/L	<0.17	0.50	0.17	02/19/16 19:07	
1,2-Dichloropropane	ug/L	<0.42	4.0	0.42	02/19/16 19:07	
1,3,5-Trimethylbenzene	ug/L	<0.20	0.50	0.20	02/19/16 19:07	
1,3-Dichlorobenzene	ug/L	<0.21	0.50	0.21	02/19/16 19:07	
1,3-Dichloropropane	ug/L	<0.24	0.50	0.24	02/19/16 19:07	
1,4-Dichlorobenzene	ug/L	<0.16	0.50	0.16	02/19/16 19:07	
2,2-Dichloropropane	ug/L	<0.36	1.0	0.36	02/19/16 19:07	
2-Butanone (MEK)	ug/L	<2.5	5.0	2.5	02/19/16 19:07	
2-Chlorotoluene	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
4-Chlorotoluene	ug/L	<0.24	0.50	0.24	02/19/16 19:07	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.4	5.0	2.4	02/19/16 19:07	
Acetone	ug/L	<7.1	20.0	7.1	02/19/16 19:07	
Allyl chloride	ug/L	<0.58	4.0	0.58	02/19/16 19:07	
Benzene	ug/L	<0.21	0.50	0.21	02/19/16 19:07	
Bromobenzene	ug/L	<0.25	0.50	0.25	02/19/16 19:07	
Bromochloromethane	ug/L	<0.34	1.0	0.34	02/19/16 19:07	
Bromodichloromethane	ug/L	<0.18	0.50	0.18	02/19/16 19:07	
Bromoform	ug/L	<0.41	4.0	0.41	02/19/16 19:07	
Bromomethane	ug/L	<0.36	4.0	0.36	02/19/16 19:07	CL
Carbon tetrachloride	ug/L	<0.35	1.0	0.35	02/19/16 19:07	
Chlorobenzene	ug/L	<0.23	0.50	0.23	02/19/16 19:07	
Chloroethane	ug/L	<0.34	1.0	0.34	02/19/16 19:07	
Chloroform	ug/L	<0.27	1.0	0.27	02/19/16 19:07	
Chloromethane	ug/L	<0.64	4.0	0.64	02/19/16 19:07	
cis-1,2-Dichloroethene	ug/L	<0.25	0.50	0.25	02/19/16 19:07	
cis-1,3-Dichloropropene	ug/L	<0.21	0.50	0.21	02/19/16 19:07	

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150 N Ninth Street
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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

METHOD BLANK: 2193066 Matrix: Water
Associated Lab Samples: 10338261002, 10338261006, 10338261007, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.16	0.50	0.16	02/19/16 19:07	
Dibromomethane	ug/L	<0.31	1.0	0.31	02/19/16 19:07	
Dichlorodifluoromethane	ug/L	<0.49	1.0	0.49	02/19/16 19:07	
Dichlorofluoromethane	ug/L	<0.22	1.0	0.22	02/19/16 19:07	
Diethyl ether (Ethyl ether)	ug/L	<0.38	4.0	0.38	02/19/16 19:07	
Ethylbenzene	ug/L	<0.23	0.50	0.23	02/19/16 19:07	
Hexachloro-1,3-butadiene	ug/L	<0.48	4.0	0.48	02/19/16 19:07	
Isopropylbenzene (Cumene)	ug/L	<0.17	1.0	0.17	02/19/16 19:07	
m&p-Xylene	ug/L	<0.41	1.0	0.41	02/19/16 19:07	
Methyl-tert-butyl ether	ug/L	<0.20	0.50	0.20	02/19/16 19:07	
Methylene Chloride	ug/L	0.70J	4.0	0.56	02/19/16 19:07	
n-Butylbenzene	ug/L	<0.083	0.50	0.083	02/19/16 19:07	
n-Propylbenzene	ug/L	<0.21	0.50	0.21	02/19/16 19:07	
Naphthalene	ug/L	<0.14	4.0	0.14	02/19/16 19:07	
o-Xylene	ug/L	<0.19	0.50	0.19	02/19/16 19:07	
p-Isopropyltoluene	ug/L	<0.16	0.50	0.16	02/19/16 19:07	
sec-Butylbenzene	ug/L	<0.16	0.50	0.16	02/19/16 19:07	
Styrene	ug/L	<0.11	1.0	0.11	02/19/16 19:07	
tert-Butylbenzene	ug/L	<0.18	0.50	0.18	02/19/16 19:07	
Tetrachloroethene	ug/L	<0.19	0.50	0.19	02/19/16 19:07	
Tetrahydrofuran	ug/L	<4.0	10.0	4.0	02/19/16 19:07	
Toluene	ug/L	<0.13	0.50	0.13	02/19/16 19:07	
trans-1,2-Dichloroethene	ug/L	<0.21	0.50	0.21	02/19/16 19:07	
trans-1,3-Dichloropropene	ug/L	<0.22	0.50	0.22	02/19/16 19:07	
Trichloroethene	ug/L	<0.14	0.40	0.14	02/19/16 19:07	
Trichlorofluoromethane	ug/L	<0.18	0.50	0.18	02/19/16 19:07	
Vinyl chloride	ug/L	<0.081	0.20	0.081	02/19/16 19:07	
Xylene (Total)	ug/L	<0.60	1.5	0.60	02/19/16 19:07	
1,2-Dichloroethane-d4 (S)	%.	86	75-125		02/19/16 19:07	
4-Bromofluorobenzene (S)	%.	103	75-125		02/19/16 19:07	
Toluene-d8 (S)	%.	101	75-125		02/19/16 19:07	

LABORATORY CONTROL SAMPLE: 2193067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.3	101	75-125	
1,1,1-Trichloroethane	ug/L	50	48.4	97	74-125	
1,1,2,2-Tetrachloroethane	ug/L	50	44.6	89	67-131	
1,1,2-Trichloroethane	ug/L	50	45.6	91	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	46.9	94	75-125	
1,1-Dichloroethane	ug/L	50	48.6	97	74-125	
1,1-Dichloroethene	ug/L	50	44.7	89	74-125	
1,1-Dichloropropene	ug/L	50	45.9	92	74-125	
1,2,3-Trichlorobenzene	ug/L	50	43.1	86	63-131	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE: 2193067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	43.6	87	73-125	
1,2,4-Trichlorobenzene	ug/L	50	41.9	84	66-126	
1,2,4-Trimethylbenzene	ug/L	50	49.8	100	74-129	
1,2-Dibromo-3-chloropropane	ug/L	125	95.8	77	54-129	
1,2-Dibromoethane (EDB)	ug/L	50	49.3	99	75-125	
1,2-Dichlorobenzene	ug/L	50	48.6	97	75-125	
1,2-Dichloroethane	ug/L	50	43.5	87	75-125	
1,2-Dichloropropane	ug/L	50	45.6	91	75-125	
1,3,5-Trimethylbenzene	ug/L	50	50.6	101	73-127	
1,3-Dichlorobenzene	ug/L	50	46.0	92	75-125	
1,3-Dichloropropane	ug/L	50	46.3	93	69-125	
1,4-Dichlorobenzene	ug/L	50	44.6	89	75-125	
2,2-Dichloropropane	ug/L	50	55.5	111	69-125	
2-Butanone (MEK)	ug/L	250	226	90	48-145	
2-Chlorotoluene	ug/L	50	47.2	94	74-125	
4-Chlorotoluene	ug/L	50	50.5	101	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	241	96	53-138	
Acetone	ug/L	250	264	106	70-142	
Allyl chloride	ug/L	50	47.9	96	61-127	
Benzene	ug/L	50	46.3	93	65-125	
Bromobenzene	ug/L	50	45.9	92	75-125	
Bromochloromethane	ug/L	50	45.2	90	75-125	
Bromodichloromethane	ug/L	50	47.2	94	73-125	
Bromoform	ug/L	50	53.9	108	69-125	
Bromomethane	ug/L	50	24.5	49	40-136	CL
Carbon tetrachloride	ug/L	50	48.4	97	70-125	
Chlorobenzene	ug/L	50	47.4	95	75-125	
Chloroethane	ug/L	50	35.7	71	67-141	
Chloroform	ug/L	50	43.3	87	75-125	
Chloromethane	ug/L	50	34.8	70	50-150	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	75-125	
cis-1,3-Dichloropropene	ug/L	50	48.3	97	75-125	
Dibromochloromethane	ug/L	50	52.4	105	75-125	
Dibromomethane	ug/L	50	51.7	103	75-129	
Dichlorodifluoromethane	ug/L	50	42.3	85	59-135	
Dichlorofluoromethane	ug/L	50	39.1	78	74-130	
Diethyl ether (Ethyl ether)	ug/L	50	45.1	90	66-132	
Ethylbenzene	ug/L	50	48.0	96	75-125	
Hexachloro-1,3-butadiene	ug/L	50	42.6	85	72-126	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	71-136	
m&p-Xylene	ug/L	100	103	103	75-125	
Methyl-tert-butyl ether	ug/L	50	46.3	93	73-127	
Methylene Chloride	ug/L	50	45.8	92	68-128	
n-Butylbenzene	ug/L	50	49.5	99	70-126	
n-Propylbenzene	ug/L	50	46.7	93	67-131	
Naphthalene	ug/L	50	37.6	75	52-134	
o-Xylene	ug/L	50	51.2	102	75-125	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE: 2193067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	50	52.8	106	74-125	
sec-Butylbenzene	ug/L	50	52.0	104	69-134	
Styrene	ug/L	50	48.7	97	75-125	
tert-Butylbenzene	ug/L	50	52.7	105	71-128	
Tetrachloroethene	ug/L	50	54.0	108	74-125	
Tetrahydrofuran	ug/L	500	468	94	64-142	
Toluene	ug/L	50	46.4	93	75-125	
trans-1,2-Dichloroethene	ug/L	50	44.5	89	73-125	
trans-1,3-Dichloropropene	ug/L	50	49.7	99	75-125	
Trichloroethene	ug/L	50	48.8	98	75-125	
Trichlorofluoromethane	ug/L	50	37.9	76	75-126	
Vinyl chloride	ug/L	50	44.0	88	72-125	
Xylene (Total)	ug/L	150	154	103	75-125	
1,2-Dichloroethane-d4 (S)	%.			85	75-125	
4-Bromofluorobenzene (S)	%.			102	75-125	
Toluene-d8 (S)	%.			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2195678 2195679

Parameter	Units	10338091007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.0	22.3	110	111	75-127	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.9	22.1	109	110	66-142	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.9	19.5	95	98	70-131	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.0	21.2	100	106	75-128	6	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	22.6	22.4	113	112	54-150	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.7	110	108	58-147	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.8	21.2	104	106	49-150	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.7	21.1	104	105	58-147	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	16.7	17.8	84	89	57-139	6	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.3	18.2	97	91	71-127	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.9	16.6	80	83	55-136	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.3	21.7	107	108	67-138	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	40.7	40.1	81	80	63-136	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.3	21.9	107	110	74-125	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.2	20.7	101	103	75-125	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.2	18.9	96	95	63-133	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.0	20.1	100	101	63-138	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.8	22.1	109	111	69-136	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.7	20.2	99	101	75-125	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	21.0	101	105	65-135	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.2	19.5	96	97	70-126	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.0	23.2	115	116	39-148	1	30	
2-Butanone (MEK)	ug/L	ND	100	100	101	100	101	100	50-144	0	30	

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REPORT OF LABORATORY ANALYSIS

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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2195678 2195679

Parameter	Units	10338091007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Chlorotoluene	ug/L	ND	20	20	20.4	20.6	102	103	71-135	1	30	
4-Chlorotoluene	ug/L	ND	20	20	21.5	22.2	108	111	71-131	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	116	119	116	119	60-147	2	30	
Acetone	ug/L	ND	100	100	113	110	113	110	59-150	3	30	
Allyl chloride	ug/L	ND	20	20	21.6	21.5	108	108	38-149	0	30	
Benzene	ug/L	ND	20	20	20.8	20.6	104	103	61-138	1	30	
Bromobenzene	ug/L	ND	20	20	19.9	20.3	100	102	74-130	2	30	
Bromochloromethane	ug/L	ND	20	20	20.3	20.2	101	101	65-137	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.4	20.7	102	103	66-136	2	30	
Bromoform	ug/L	ND	20	20	23.1	23.4	115	117	71-125	1	30	
Bromomethane	ug/L	ND	20	20	10.6	12.4	53	62	30-150	16	30	CL
Carbon tetrachloride	ug/L	ND	20	20	21.6	21.8	108	109	68-140	1	30	
Chlorobenzene	ug/L	ND	20	20	20.9	21.3	105	107	75-132	2	30	
Chloroethane	ug/L	ND	20	20	15.8	17.8	79	89	55-150	12	30	
Chloroform	ug/L	ND	20	20	19.1	19.0	95	95	64-139	0	30	
Chloromethane	ug/L	ND	20	20	15.7	17.5	78	87	73-150	11	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.9	21.3	109	106	62-138	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.2	20.4	101	102	70-125	1	30	
Dibromochloromethane	ug/L	ND	20	20	21.8	22.6	109	113	74-125	4	30	
Dibromomethane	ug/L	ND	20	20	21.9	22.0	110	110	66-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	19.1	20.5	96	102	53-150	7	30	
Dichlorofluoromethane	ug/L	ND	20	20	16.3	18.3	82	92	58-150	12	30	
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	19.7	19.6	98	98	47-145	1	30	
Ethylbenzene	ug/L	ND	20	20	21.5	22.0	108	110	66-141	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	17.9	18.9	89	94	63-139	5	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.1	22.8	110	114	65-146	3	30	
m&p-Xylene	ug/L	ND	40	40	47.0	47.2	118	118	72-142	0	30	
Methyl-tert-butyl ether	ug/L	1.7	20	20	21.7	21.7	100	100	63-134	0	30	
Methylene Chloride	ug/L	ND	20	20	20.6	20.5	103	102	49-143	0	30	
n-Butylbenzene	ug/L	ND	20	20	20.0	20.8	100	104	67-134	4	30	
n-Propylbenzene	ug/L	ND	20	20	20.2	20.6	101	103	62-142	2	30	
Naphthalene	ug/L	ND	20	20	15.1	15.7	75	78	41-150	4	30	
o-Xylene	ug/L	ND	20	20	22.6	22.5	113	113	66-138	0	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.1	23.2	110	116	64-137	5	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	23.1	112	116	65-142	3	30	
Styrene	ug/L	ND	20	20	21.4	21.7	107	109	61-142	1	30	
tert-Butylbenzene	ug/L	ND	20	20	22.5	22.7	112	114	69-135	1	30	
Tetrachloroethene	ug/L	ND	20	20	24.7	24.7	124	124	62-142	0	30	
Tetrahydrofuran	ug/L	ND	200	200	203	196	102	98	55-150	4	30	
Toluene	ug/L	ND	20	20	21.0	21.0	105	105	66-132	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.3	20.1	102	100	48-150	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.5	104	107	65-130	4	30	
Trichloroethene	ug/L	ND	20	20	21.7	22.0	108	110	64-142	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	16.9	18.1	84	90	63-150	7	30	
Vinyl chloride	ug/L	ND	20	20	18.7	20.9	94	105	58-150	11	30	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2195678 2195679

Parameter	Units	10338091007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/L	ND	60	60	69.6	69.7	116	116	70-140	0	30	
1,2-Dichloroethane-d4 (S)	%.						91	86	75-125			
4-Bromofluorobenzene (S)	%.						101	101	75-125			
Toluene-d8 (S)	%.						98	97	75-125			

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MSV/34684 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV LL Water
Associated Lab Samples: 10338261008, 10338261013, 10338261014, 10338261015, 10338261016, 10338261017

METHOD BLANK: 2196386 Matrix: Water
Associated Lab Samples: 10338261008, 10338261013, 10338261014, 10338261015, 10338261016, 10338261017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.50	0.20	02/19/16 10:37	
1,1,1-Trichloroethane	ug/L	<0.20	0.50	0.20	02/19/16 10:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	0.50	0.22	02/19/16 10:37	
1,1,2-Trichloroethane	ug/L	<0.24	0.50	0.24	02/19/16 10:37	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.42	1.0	0.42	02/19/16 10:37	
1,1-Dichloroethane	ug/L	<0.22	0.50	0.22	02/19/16 10:37	
1,1-Dichloroethene	ug/L	<0.22	0.50	0.22	02/19/16 10:37	CL
1,1-Dichloropropene	ug/L	<0.16	0.50	0.16	02/19/16 10:37	
1,2,3-Trichlorobenzene	ug/L	<0.23	0.50	0.23	02/19/16 10:37	
1,2,3-Trichloropropane	ug/L	<0.50	4.0	0.50	02/19/16 10:37	
1,2,4-Trichlorobenzene	ug/L	<0.22	0.50	0.22	02/19/16 10:37	
1,2,4-Trimethylbenzene	ug/L	<0.16	0.50	0.16	02/19/16 10:37	
1,2-Dibromo-3-chloropropane	ug/L	<0.70	4.0	0.70	02/19/16 10:37	
1,2-Dibromoethane (EDB)	ug/L	<0.23	0.50	0.23	02/19/16 10:37	
1,2-Dichlorobenzene	ug/L	<0.22	0.50	0.22	02/19/16 10:37	
1,2-Dichloroethane	ug/L	<0.17	0.50	0.17	02/19/16 10:37	
1,2-Dichloropropane	ug/L	<0.42	4.0	0.42	02/19/16 10:37	
1,3,5-Trimethylbenzene	ug/L	<0.20	0.50	0.20	02/19/16 10:37	
1,3-Dichlorobenzene	ug/L	<0.21	0.50	0.21	02/19/16 10:37	
1,3-Dichloropropane	ug/L	<0.24	0.50	0.24	02/19/16 10:37	
1,4-Dichlorobenzene	ug/L	<0.16	0.50	0.16	02/19/16 10:37	
2,2-Dichloropropane	ug/L	<0.36	1.0	0.36	02/19/16 10:37	L2
2-Butanone (MEK)	ug/L	<2.5	5.0	2.5	02/19/16 10:37	
2-Chlorotoluene	ug/L	<0.22	0.50	0.22	02/19/16 10:37	
4-Chlorotoluene	ug/L	<0.24	0.50	0.24	02/19/16 10:37	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.4	5.0	2.4	02/19/16 10:37	
Acetone	ug/L	<7.1	20.0	7.1	02/19/16 10:37	
Allyl chloride	ug/L	<0.58	4.0	0.58	02/19/16 10:37	
Benzene	ug/L	<0.21	0.50	0.21	02/19/16 10:37	
Bromobenzene	ug/L	<0.25	0.50	0.25	02/19/16 10:37	
Bromochloromethane	ug/L	<0.34	1.0	0.34	02/19/16 10:37	
Bromodichloromethane	ug/L	<0.18	0.50	0.18	02/19/16 10:37	
Bromoform	ug/L	<0.41	4.0	0.41	02/19/16 10:37	
Bromomethane	ug/L	<0.36	4.0	0.36	02/19/16 10:37	CL,L2
Carbon tetrachloride	ug/L	<0.35	1.0	0.35	02/19/16 10:37	
Chlorobenzene	ug/L	<0.23	0.50	0.23	02/19/16 10:37	
Chloroethane	ug/L	<0.34	1.0	0.34	02/19/16 10:37	
Chloroform	ug/L	<0.27	1.0	0.27	02/19/16 10:37	CL
Chloromethane	ug/L	<0.64	4.0	0.64	02/19/16 10:37	
cis-1,2-Dichloroethene	ug/L	<0.25	0.50	0.25	02/19/16 10:37	
cis-1,3-Dichloropropene	ug/L	<0.21	0.50	0.21	02/19/16 10:37	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

METHOD BLANK: 2196386 Matrix: Water
Associated Lab Samples: 10338261008, 10338261013, 10338261014, 10338261015, 10338261016, 10338261017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.16	0.50	0.16	02/19/16 10:37	
Dibromomethane	ug/L	<0.31	1.0	0.31	02/19/16 10:37	
Dichlorodifluoromethane	ug/L	<0.49	1.0	0.49	02/19/16 10:37	
Dichlorofluoromethane	ug/L	<0.22	1.0	0.22	02/19/16 10:37	
Diethyl ether (Ethyl ether)	ug/L	<0.38	4.0	0.38	02/19/16 10:37	
Ethylbenzene	ug/L	<0.23	0.50	0.23	02/19/16 10:37	
Hexachloro-1,3-butadiene	ug/L	<0.48	4.0	0.48	02/19/16 10:37	
Isopropylbenzene (Cumene)	ug/L	<0.17	1.0	0.17	02/19/16 10:37	
m&p-Xylene	ug/L	<0.41	1.0	0.41	02/19/16 10:37	
Methyl-tert-butyl ether	ug/L	<0.20	0.50	0.20	02/19/16 10:37	
Methylene Chloride	ug/L	<0.56	4.0	0.56	02/19/16 10:37	
n-Butylbenzene	ug/L	<0.083	0.50	0.083	02/19/16 10:37	
n-Propylbenzene	ug/L	<0.21	0.50	0.21	02/19/16 10:37	
Naphthalene	ug/L	<0.14	4.0	0.14	02/19/16 10:37	
o-Xylene	ug/L	<0.19	0.50	0.19	02/19/16 10:37	
p-Isopropyltoluene	ug/L	<0.16	0.50	0.16	02/19/16 10:37	
sec-Butylbenzene	ug/L	<0.16	0.50	0.16	02/19/16 10:37	
Styrene	ug/L	<0.11	1.0	0.11	02/19/16 10:37	
tert-Butylbenzene	ug/L	<0.18	0.50	0.18	02/19/16 10:37	
Tetrachloroethene	ug/L	<0.19	0.50	0.19	02/19/16 10:37	
Tetrahydrofuran	ug/L	<4.0	10.0	4.0	02/19/16 10:37	
Toluene	ug/L	<0.13	0.50	0.13	02/19/16 10:37	
trans-1,2-Dichloroethene	ug/L	<0.21	0.50	0.21	02/19/16 10:37	
trans-1,3-Dichloropropene	ug/L	<0.22	0.50	0.22	02/19/16 10:37	
Trichloroethene	ug/L	<0.14	0.40	0.14	02/19/16 10:37	
Trichlorofluoromethane	ug/L	<0.18	0.50	0.18	02/19/16 10:37	
Vinyl chloride	ug/L	<0.081	0.20	0.081	02/19/16 10:37	
Xylene (Total)	ug/L	<0.60	1.5	0.60	02/19/16 10:37	
1,2-Dichloroethane-d4 (S)	%.	82	75-125		02/19/16 10:37	
4-Bromofluorobenzene (S)	%.	102	75-125		02/19/16 10:37	
Toluene-d8 (S)	%.	98	75-125		02/19/16 10:37	

LABORATORY CONTROL SAMPLE: 2196387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.3	96	75-125	
1,1,1-Trichloroethane	ug/L	20	16.6	83	74-125	
1,1,2,2-Tetrachloroethane	ug/L	20	16.7	84	67-131	
1,1,2-Trichloroethane	ug/L	20	17.4	87	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	16.0	80	75-125	
1,1-Dichloroethane	ug/L	20	16.9	85	74-125	
1,1-Dichloroethene	ug/L	20	15.7	79	74-125	CL
1,1-Dichloropropene	ug/L	20	15.3	76	74-125	
1,2,3-Trichlorobenzene	ug/L	20	15.8	79	63-131	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE: 2196387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	16.8	84	73-125	
1,2,4-Trichlorobenzene	ug/L	20	15.2	76	66-126	
1,2,4-Trimethylbenzene	ug/L	20	18.5	92	74-129	
1,2-Dibromo-3-chloropropane	ug/L	50	39.0	78	54-129	
1,2-Dibromoethane (EDB)	ug/L	20	19.1	95	75-125	
1,2-Dichlorobenzene	ug/L	20	17.6	88	75-125	
1,2-Dichloroethane	ug/L	20	16.2	81	75-125	
1,2-Dichloropropane	ug/L	20	17.3	86	75-125	
1,3,5-Trimethylbenzene	ug/L	20	18.7	94	73-127	
1,3-Dichlorobenzene	ug/L	20	17.4	87	75-125	
1,3-Dichloropropane	ug/L	20	17.7	89	69-125	
1,4-Dichlorobenzene	ug/L	20	16.8	84	75-125	
2,2-Dichloropropane	ug/L	20	13.1	65	69-125	L2
2-Butanone (MEK)	ug/L	100	88.3	88	48-145	
2-Chlorotoluene	ug/L	20	17.4	87	74-125	
4-Chlorotoluene	ug/L	20	18.5	92	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	53-138	
Acetone	ug/L	100	91.8	92	70-142	
Allyl chloride	ug/L	20	15.9	80	61-127	
Benzene	ug/L	20	16.5	83	65-125	
Bromobenzene	ug/L	20	17.7	88	75-125	
Bromochloromethane	ug/L	20	16.6	83	75-125	
Bromodichloromethane	ug/L	20	17.8	89	73-125	
Bromoform	ug/L	20	19.3	96	69-125	
Bromomethane	ug/L	20	7.2	36	40-136	CL,L2
Carbon tetrachloride	ug/L	20	16.9	84	70-125	
Chlorobenzene	ug/L	20	18.0	90	75-125	
Chloroethane	ug/L	20	16.0	80	67-141	
Chloroform	ug/L	20	15.9	80	75-125	CL
Chloromethane	ug/L	20	14.1	71	50-150	
cis-1,2-Dichloroethene	ug/L	20	17.8	89	75-125	
cis-1,3-Dichloropropene	ug/L	20	17.9	89	75-125	
Dibromochloromethane	ug/L	20	19.5	98	75-125	
Dibromomethane	ug/L	20	19.4	97	75-129	
Dichlorodifluoromethane	ug/L	20	16.7	84	59-135	
Dichlorofluoromethane	ug/L	20	16.4	82	74-130	
Diethyl ether (Ethyl ether)	ug/L	20	15.7	79	66-132	
Ethylbenzene	ug/L	20	18.1	91	75-125	
Hexachloro-1,3-butadiene	ug/L	20	15.0	75	72-126	
Isopropylbenzene (Cumene)	ug/L	20	18.3	92	71-136	
m&p-Xylene	ug/L	40	38.1	95	75-125	
Methyl-tert-butyl ether	ug/L	20	17.5	87	73-127	
Methylene Chloride	ug/L	20	16.9	85	68-128	
n-Butylbenzene	ug/L	20	16.7	84	70-126	
n-Propylbenzene	ug/L	20	16.5	82	67-131	
Naphthalene	ug/L	20	15.4	77	52-134	
o-Xylene	ug/L	20	19.1	96	75-125	

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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE: 2196387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	20	18.5	92	74-125	
sec-Butylbenzene	ug/L	20	18.3	91	69-134	
Styrene	ug/L	20	18.4	92	75-125	
tert-Butylbenzene	ug/L	20	18.6	93	71-128	
Tetrachloroethene	ug/L	20	18.2	91	74-125	
Tetrahydrofuran	ug/L	200	171	85	64-142	
Toluene	ug/L	20	17.3	87	75-125	
trans-1,2-Dichloroethene	ug/L	20	15.7	79	73-125	
trans-1,3-Dichloropropene	ug/L	20	17.8	89	75-125	
Trichloroethene	ug/L	20	16.8	84	75-125	
Trichlorofluoromethane	ug/L	20	15.8	79	75-126	
Vinyl chloride	ug/L	20	18.4	92	72-125	
Xylene (Total)	ug/L	60	57.2	95	75-125	
1,2-Dichloroethane-d4 (S)	%.			89	75-125	
4-Bromofluorobenzene (S)	%.			102	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE SAMPLE: 2196388

Parameter	Units	10338261008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	20	21.4	107	75-127	
1,1,1-Trichloroethane	ug/L	<0.20	20	20.4	102	66-142	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	20	19.2	96	70-131	
1,1,2-Trichloroethane	ug/L	<0.24	20	19.6	98	75-128	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.42	20	18.6	93	54-150	
1,1-Dichloroethane	ug/L	<0.22	20	20.9	104	58-147	
1,1-Dichloroethene	ug/L	<0.22	20	17.7	89	49-150	CL
1,1-Dichloropropene	ug/L	<0.16	20	17.7	88	58-147	
1,2,3-Trichlorobenzene	ug/L	<0.23	20	16.3	81	57-139	
1,2,3-Trichloropropane	ug/L	<0.50	20	18.9	94	71-127	
1,2,4-Trichlorobenzene	ug/L	<0.22	20	15.1	76	55-136	
1,2,4-Trimethylbenzene	ug/L	<0.16	20	19.4	97	67-138	
1,2-Dibromo-3-chloropropane	ug/L	<0.70	50	41.1	82	63-136	
1,2-Dibromoethane (EDB)	ug/L	<0.23	20	20.2	101	74-125	
1,2-Dichlorobenzene	ug/L	<0.22	20	19.6	98	75-125	
1,2-Dichloroethane	ug/L	<0.17	20	18.1	90	63-133	
1,2-Dichloropropane	ug/L	<0.42	20	19.8	99	63-138	
1,3,5-Trimethylbenzene	ug/L	<0.20	20	19.7	99	69-136	
1,3-Dichlorobenzene	ug/L	<0.21	20	18.6	93	75-125	
1,3-Dichloropropane	ug/L	<0.24	20	19.9	99	65-135	
1,4-Dichlorobenzene	ug/L	<0.16	20	17.9	90	70-126	
2,2-Dichloropropane	ug/L	<0.36	20	14.3	72	39-148	L2
2-Butanone (MEK)	ug/L	<2.5	100	95.6	95	50-144	
2-Chlorotoluene	ug/L	<0.22	20	18.9	94	71-135	
4-Chlorotoluene	ug/L	<0.24	20	20.2	101	71-131	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

MATRIX SPIKE SAMPLE: 2196388

Parameter	Units	10338261008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	<2.4	100	112	112	60-147	
Acetone	ug/L	<7.1	100	116	116	59-150	
Allyl chloride	ug/L	<0.58	20	17.9	90	38-149	
Benzene	ug/L	<0.21	20	18.9	94	61-138	
Bromobenzene	ug/L	<0.25	20	19.3	96	74-130	
Bromochloromethane	ug/L	<0.34	20	18.5	93	65-137	
Bromodichloromethane	ug/L	<0.18	20	20.8	104	66-136	
Bromoform	ug/L	<0.41	20	23.1	115	71-125	
Bromomethane	ug/L	<0.36	20	9.4	47	30-150	CL,L2
Carbon tetrachloride	ug/L	<0.35	20	19.9	100	68-140	
Chlorobenzene	ug/L	<0.23	20	20.1	100	75-132	
Chloroethane	ug/L	<0.34	20	16.5	83	55-150	
Chloroform	ug/L	<0.27	20	18.7	93	64-139	CL
Chloromethane	ug/L	<0.64	20	16.9	85	73-150	
cis-1,2-Dichloroethene	ug/L	<0.25	20	20.0	99	62-138	
cis-1,3-Dichloropropene	ug/L	<0.21	20	18.6	93	70-125	
Dibromochloromethane	ug/L	<0.16	20	21.9	109	74-125	
Dibromomethane	ug/L	<0.31	20	21.9	110	66-138	
Dichlorodifluoromethane	ug/L	<0.49	20	13.7	68	53-150	
Dichlorofluoromethane	ug/L	<0.22	20	16.8	84	58-150	
Diethyl ether (Ethyl ether)	ug/L	<0.38	20	17.5	87	47-145	
Ethylbenzene	ug/L	<0.23	20	19.7	98	66-141	
Hexachloro-1,3-butadiene	ug/L	<0.48	20	16.0	80	63-139	
Isopropylbenzene (Cumene)	ug/L	<0.17	20	20.5	102	65-146	
m&p-Xylene	ug/L	<0.41	40	41.2	103	72-142	
Methyl-tert-butyl ether	ug/L	<0.20	20	19.4	97	63-134	
Methylene Chloride	ug/L	<0.56	20	18.9	94	49-143	
n-Butylbenzene	ug/L	<0.083	20	17.8	89	67-134	
n-Propylbenzene	ug/L	<0.21	20	18.2	91	62-142	
Naphthalene	ug/L	<0.14	20	15.3	76	41-150	
o-Xylene	ug/L	<0.19	20	21.0	105	66-138	
p-Isopropyltoluene	ug/L	<0.16	20	19.9	100	64-137	
sec-Butylbenzene	ug/L	<0.16	20	20.6	103	65-142	
Styrene	ug/L	<0.11	20	19.8	99	61-142	
tert-Butylbenzene	ug/L	<0.18	20	21.5	108	69-135	
Tetrachloroethene	ug/L	<0.19	20	20.2	101	62-142	
Tetrahydrofuran	ug/L	<4.0	200	197	99	55-150	
Toluene	ug/L	<0.13	20	19.2	96	66-132	
trans-1,2-Dichloroethene	ug/L	<0.21	20	17.0	85	48-150	
trans-1,3-Dichloropropene	ug/L	<0.22	20	18.8	94	65-130	
Trichloroethene	ug/L	0.23J	20	20.5	101	64-142	
Trichlorofluoromethane	ug/L	<0.18	20	14.1	70	63-150	
Vinyl chloride	ug/L	<0.081	20	19.7	98	58-150	
Xylene (Total)	ug/L	<0.60	60	62.2	104	70-140	
1,2-Dichloroethane-d4 (S)	%.				85	75-125	
4-Bromofluorobenzene (S)	%.				101	75-125	
Toluene-d8 (S)	%.				97	75-125	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MT/22472 — Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH — Analysis Description: MADEP VPH MA Water
Associated Lab Samples: 10338261001, 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

METHOD BLANK: 2190262 — Matrix: Water
Associated Lab Samples: 10338261001, 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08),Unadjusted	ug/L	<1.4	20.0	1.4	02/16/16 14:47	N2
Aliphatic (C09-C12),Unadjusted	ug/L	<1.3	20.0	1.3	02/16/16 14:47	N2
Aromatic (C09-C10)	ug/L	<0.086	20.0	0.086	02/16/16 14:47	N2
Benzene	ug/L	<0.074	0.50	0.074	02/16/16 14:47	N2
Ethylbenzene	ug/L	<0.060	0.50	0.060	02/16/16 14:47	N2
m&p-Xylene	ug/L	<0.086	0.50	0.086	02/16/16 14:47	N2
Methyl-tert-butyl ether	ug/L	<0.22	1.0	0.22	02/16/16 14:47	N2
Naphthalene	ug/L	0.54J	5.0	0.16	02/16/16 14:47	N2
o-Xylene	ug/L	<0.078	0.50	0.078	02/16/16 14:47	N2
Toluene	ug/L	<0.061	0.50	0.061	02/16/16 14:47	N2
Total Purgeable Hydro Carbons	ug/L	<2.3	20.0	2.3	02/16/16 14:47	N2
Xylene (Total)	ug/L	<0.16	2.0	0.16	02/16/16 14:47	N2
a,a,a-Trifluorotoluene (S)	%.	104	70-130		02/16/16 14:47	

LABORATORY CONTROL SAMPLE & LCSD: 2190263 2190264

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08),Unadjusted	ug/L	600	569	558	95	93	70-130	2	25	N2
Aliphatic (C09-C12),Unadjusted	ug/L	600	540	532	90	89	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	116	111	116	111	70-130	5	25	N2
Benzene	ug/L	100	111	108	111	108	70-130	3	25	N2
Ethylbenzene	ug/L	100	116	112	116	112	70-130	3	25	N2
m&p-Xylene	ug/L	200	233	224	117	112	70-130	4	25	N2
Methyl-tert-butyl ether	ug/L	100	104	100	104	100	70-130	4	25	N2
Naphthalene	ug/L	100	124	120	124	120	70-130	4	25	N2
o-Xylene	ug/L	100	116	111	116	111	70-130	4	25	N2
Toluene	ug/L	100	112	109	112	109	70-130	2	25	N2
Total Purgeable Hydro Carbons	ug/L	1300	1190	1170	92	90	70-130	2	25	N2
Xylene (Total)	ug/L	300	350	336	117	112	70-130	4	25	N2
a,a,a-Trifluorotoluene (S)	%.				115	108	70-130			

MATRIX SPIKE SAMPLE: 2190266

Parameter	Units	10338228002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aliphatic (C05-C08),Unadjusted	ug/L	<20.0	600	603	100	70-130	N2
Aliphatic (C09-C12),Unadjusted	ug/L	<20.0	600	580	97	70-130	N2
Aromatic (C09-C10)	ug/L	<20.0	100	140	140	70-130	M1,N2

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REPORT OF LABORATORY ANALYSIS

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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

MATRIX SPIKE SAMPLE: 2190266

Parameter	Units	10338228002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	<0.50	100	115	115	70-130	N2
Ethylbenzene	ug/L	<0.50	100	121	121	70-130	N2
m&p-Xylene	ug/L	<0.50	200	245	122	70-130	N2
Methyl-tert-butyl ether	ug/L	<1.0	100	107	107	70-130	N2
Naphthalene	ug/L	<5.0	100	122	122	70-130	N2
o-Xylene	ug/L	<0.50	100	119	119	70-130	N2
Toluene	ug/L	<0.50	100	116	116	70-130	N2
Total Purgeable Hydro Carbons	ug/L	<20.0	1300	1270	97	70-130	N2
Xylene (Total)	ug/L	<2.0	300	364	121	70-130	N2
a,a,a-Trifluorotoluene (S)	%.				113	70-130	

SAMPLE DUPLICATE: 2190265

Parameter	Units	10338261001 Result	Dup Result	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08),Unadjusted	ug/L	<7.1	<7.1		50	N2
Aliphatic (C09-C12),Unadjusted	ug/L	<6.6	<6.6		50	N2
Aromatic (C09-C10)	ug/L	<0.43	<0.43		50	N2
Benzene	ug/L	<0.37	<0.37		50	N2
Ethylbenzene	ug/L	<0.30	<0.30		50	N2
m&p-Xylene	ug/L	<0.43	<0.43		50	N2
Methyl-tert-butyl ether	ug/L	<1.1	<1.1		50	N2
Naphthalene	ug/L	7.2J	<0.80		50	N2
o-Xylene	ug/L	<0.39	<0.39		50	N2
Toluene	ug/L	<0.30	<0.30		50	N2
Total Purgeable Hydro Carbons	ug/L	<11.6	<11.6		50	N2
Xylene (Total)	ug/L	<0.82	<0.82		50	N2
a,a,a-Trifluorotoluene (S)	%.	113	110	3		D3

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: MTPR/4033 — Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH — Analysis Description: MADEP EPH MA Water
Associated Lab Samples: 10338261001, 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

METHOD BLANK: 2193096 — Matrix: Water
Associated Lab Samples: 10338261001, 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Extractable Hydrocarbons	ug/L	<78.2	200	78.2	02/20/16 02:40	N2
1-Chloro-octadecane (S)	%.	61	40-140		02/20/16 02:40	

LABORATORY CONTROL SAMPLE & LCSD: 2193097 2193098

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Total Extractable Hydrocarbons	ug/L	3100	2780	2810	90	91	40-140	1	25	N2
1-Chloro-octadecane (S)	%.				63	69	40-140			

MATRIX SPIKE SAMPLE: 2193099

Parameter	Units	10338032001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Extractable Hydrocarbons	ug/L	741	3290	3010	69	40-140	N2
1-Chloro-octadecane (S)	%.				31	40-140	S0

SAMPLE DUPLICATE: 2193100

Parameter	Units	10338032002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Extractable Hydrocarbons	ug/L	4390	4240	3	50	N2
1-Chloro-octadecane (S)	%.	35	38	9		S0

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

QC Batch: OEXT/32553 Analysis Method: EPA 8270D
QC Batch Method: EPA 3520 Analysis Description: 8270D Water MSSV
Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

METHOD BLANK: 2192429 Matrix: Water
Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<1.9	10.0	1.9	02/17/16 15:36	
1,2-Dichlorobenzene	ug/L	<1.9	10.0	1.9	02/17/16 15:36	
1,2-Diphenylhydrazine	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
1,3-Dichlorobenzene	ug/L	<1.6	10.0	1.6	02/17/16 15:36	
1,4-Dichlorobenzene	ug/L	<1.9	10.0	1.9	02/17/16 15:36	
1-Methylnaphthalene	ug/L	<2.1	10.0	2.1	02/17/16 15:36	
2,4,5-Trichlorophenol	ug/L	<2.1	10.0	2.1	02/17/16 15:36	
2,4,6-Trichlorophenol	ug/L	<2.2	10.0	2.2	02/17/16 15:36	
2,4-Dichlorophenol	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
2,4-Dimethylphenol	ug/L	<6.7	50.0	6.7	02/17/16 15:36	
2,4-Dinitrophenol	ug/L	<2.7	10.0	2.7	02/17/16 15:36	
2,4-Dinitrotoluene	ug/L	<2.1	10.0	2.1	02/17/16 15:36	
2,6-Dinitrotoluene	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
2-Chloronaphthalene	ug/L	<2.2	10.0	2.2	02/17/16 15:36	
2-Chlorophenol	ug/L	<2.2	10.0	2.2	02/17/16 15:36	
2-Methylnaphthalene	ug/L	<2.1	10.0	2.1	02/17/16 15:36	
2-Methylphenol(o-Cresol)	ug/L	<2.0	10.0	2.0	02/17/16 15:36	
2-Nitroaniline	ug/L	<2.8	10.0	2.8	02/17/16 15:36	
2-Nitrophenol	ug/L	<2.2	10.0	2.2	02/17/16 15:36	
3&4-Methylphenol(m&p Cresol)	ug/L	<2.2	20.0	2.2	02/17/16 15:36	
3,3'-Dichlorobenzidine	ug/L	<4.9	50.0	4.9	02/17/16 15:36	
3-Nitroaniline	ug/L	<5.0	10.0	5.0	02/17/16 15:36	
4,6-Dinitro-2-methylphenol	ug/L	<3.5	10.0	3.5	02/17/16 15:36	
4-Bromophenylphenyl ether	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
4-Chloro-3-methylphenol	ug/L	<1.6	10.0	1.6	02/17/16 15:36	
4-Chloroaniline	ug/L	<3.6	50.0	3.6	02/17/16 15:36	
4-Chlorophenylphenyl ether	ug/L	<1.4	10.0	1.4	02/17/16 15:36	
4-Nitroaniline	ug/L	<4.3	10.0	4.3	02/17/16 15:36	
4-Nitrophenol	ug/L	<3.4	10.0	3.4	02/17/16 15:36	
Acenaphthene	ug/L	<1.6	10.0	1.6	02/17/16 15:36	
Acenaphthylene	ug/L	<2.2	10.0	2.2	02/17/16 15:36	
Anthracene	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
Benzo(a)anthracene	ug/L	<5.0	10.0	5.0	02/17/16 15:36	
Benzo(a)pyrene	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
Benzo(b)fluoranthene	ug/L	<2.5	10.0	2.5	02/17/16 15:36	
Benzo(g,h,i)perylene	ug/L	<2.5	10.0	2.5	02/17/16 15:36	
Benzo(k)fluoranthene	ug/L	<2.8	10.0	2.8	02/17/16 15:36	
bis(2-Chloroethoxy)methane	ug/L	<1.5	10.0	1.5	02/17/16 15:36	
bis(2-Chloroethyl) ether	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
bis(2-Chloroisopropyl) ether	ug/L	<2.2	10.0	2.2	02/17/16 15:36	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

METHOD BLANK: 2192429 Matrix: Water

Associated Lab Samples: 10338261002, 10338261003, 10338261004, 10338261005, 10338261006, 10338261007, 10338261008, 10338261009, 10338261010, 10338261011, 10338261012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
Butylbenzylphthalate	ug/L	<1.9	10.0	1.9	02/17/16 15:36	
Carbazole	ug/L	<2.6	10.0	2.6	02/17/16 15:36	
Chrysene	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
Di-n-butylphthalate	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
Di-n-octylphthalate	ug/L	<1.7	10.0	1.7	02/17/16 15:36	
Dibenz(a,h)anthracene	ug/L	<1.8	10.0	1.8	02/17/16 15:36	
Dibenzofuran	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
Diethylphthalate	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
Dimethylphthalate	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
Fluoranthene	ug/L	<2.5	10.0	2.5	02/17/16 15:36	
Fluorene	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
Hexachloro-1,3-butadiene	ug/L	<1.7	10.0	1.7	02/17/16 15:36	
Hexachlorobenzene	ug/L	<2.6	10.0	2.6	02/17/16 15:36	
Hexachloroethane	ug/L	<1.6	10.0	1.6	02/17/16 15:36	
Indeno(1,2,3-cd)pyrene	ug/L	<1.8	10.0	1.8	02/17/16 15:36	
Isophorone	ug/L	<1.6	10.0	1.6	02/17/16 15:36	
N-Nitroso-di-n-propylamine	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
N-Nitrosodimethylamine	ug/L	<2.3	10.0	2.3	02/17/16 15:36	
N-Nitrosodiphenylamine	ug/L	<3.9	10.0	3.9	02/17/16 15:36	
Naphthalene	ug/L	<2.0	10.0	2.0	02/17/16 15:36	
Nitrobenzene	ug/L	<2.5	10.0	2.5	02/17/16 15:36	
Pentachlorophenol	ug/L	<2.2	20.0	2.2	02/17/16 15:36	
Phenanthrene	ug/L	<2.5	10.0	2.5	02/17/16 15:36	
Phenol	ug/L	<2.2	10.0	2.2	02/17/16 15:36	
Pyrene	ug/L	<2.4	10.0	2.4	02/17/16 15:36	
2,4,6-Tribromophenol (S)	%.	83	64-125		02/17/16 15:36	
2-Fluorobiphenyl (S)	%.	86	48-125		02/17/16 15:36	
2-Fluorophenol (S)	%.	83	45-125		02/17/16 15:36	
Nitrobenzene-d5 (S)	%.	86	57-125		02/17/16 15:36	
p-Terphenyl-d14 (S)	%.	97	64-125		02/17/16 15:36	
Phenol-d6 (S)	%.	86	51-125		02/17/16 15:36	

LABORATORY CONTROL SAMPLE & LCSD: 2192430 2192431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	40.1	41.6	80	83	62-125	4	20	
1,2-Dichlorobenzene	ug/L	50	35.1	36.6	70	73	54-125	4	20	
1,2-Diphenylhydrazine	ug/L	50	47.4	47.3	95	95	63-125	0	20	
1,3-Dichlorobenzene	ug/L	50	33.1	33.9	66	68	49-125	2	20	
1,4-Dichlorobenzene	ug/L	50	34.1	34.4	68	69	51-125	1	20	
1-Methylnaphthalene	ug/L	50	43.0	45.3	86	91	70-125	5	20	
2,4,5-Trichlorophenol	ug/L	50	47.4	48.7	95	97	67-125	3	20	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE & LCSD: 2192430 2192431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/L	50	46.1	46.9	92	94	68-125	2	20	
2,4-Dichlorophenol	ug/L	50	42.0	44.9	84	90	69-125	7	20	
2,4-Dimethylphenol	ug/L	50	37.0J	37.0J	74	74	54-125		20	
2,4-Dinitrophenol	ug/L	50	32.3	32.9	65	66	30-125	2	20	2M
2,4-Dinitrotoluene	ug/L	50	50.4	51.3	101	103	67-125	2	20	
2,6-Dinitrotoluene	ug/L	50	49.2	50.1	98	100	68-125	2	20	
2-Chloronaphthalene	ug/L	50	45.6	46.2	91	92	71-125	1	20	
2-Chlorophenol	ug/L	50	39.7	41.2	79	82	65-125	4	20	
2-Methylnaphthalene	ug/L	50	42.4	45.2	85	90	70-125	6	20	
2-Methylphenol(o-Cresol)	ug/L	50	39.9	40.2	80	80	64-125	1	20	
2-Nitroaniline	ug/L	50	49.1	49.7	98	99	63-125	1	20	
2-Nitrophenol	ug/L	50	41.4	43.5	83	87	64-125	5	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.3	42.2	83	84	68-125	2	20	
3,3'-Dichlorobenzidine	ug/L	50	48.6J	47.8J	97	96	62-125		20	
3-Nitroaniline	ug/L	50	51.7	47.5	103	95	64-125	8	20	
4,6-Dinitro-2-methylphenol	ug/L	50	40.7	43.9	81	88	43-125	8	20	
4-Bromophenylphenyl ether	ug/L	50	46.7	48.1	93	96	71-125	3	20	
4-Chloro-3-methylphenol	ug/L	50	46.5	48.8	93	98	70-125	5	20	
4-Chloroaniline	ug/L	50	41.2J	39.9J	82	80	56-125		20	
4-Chlorophenylphenyl ether	ug/L	50	48.0	48.5	96	97	71-125	1	20	
4-Nitroaniline	ug/L	50	50.2	49.9	100	100	66-125	1	20	
4-Nitrophenol	ug/L	50	47.5	47.0	95	94	53-125	1	20	
Acenaphthene	ug/L	50	46.6	46.8	93	94	71-125	0	20	
Acenaphthylene	ug/L	50	46.7	47.4	93	95	71-125	2	20	
Anthracene	ug/L	50	48.1	48.4	96	97	70-125	1	20	
Benzo(a)anthracene	ug/L	50	47.6	47.5	95	95	70-125	0	20	
Benzo(a)pyrene	ug/L	50	47.7	46.6	95	93	67-125	2	20	
Benzo(b)fluoranthene	ug/L	50	48.0	47.9	96	96	68-125	0	20	
Benzo(g,h,i)perylene	ug/L	50	48.8	48.3	98	97	67-125	1	20	
Benzo(k)fluoranthene	ug/L	50	48.5	47.5	97	95	68-125	2	20	
bis(2-Chloroethoxy)methane	ug/L	50	41.3	43.0	83	86	65-125	4	20	
bis(2-Chloroethyl) ether	ug/L	50	37.7	39.4	75	79	49-125	4	20	
bis(2-Chloroisopropyl) ether	ug/L	50	36.7	37.9	73	76	43-125	3	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	50.8	51.8	102	104	69-125	2	20	
Butylbenzylphthalate	ug/L	50	51.9	51.5	104	103	68-125	1	20	
Carbazole	ug/L	50	48.1	48.5	96	97	69-125	1	20	
Chrysene	ug/L	50	46.3	46.9	93	94	70-125	1	20	
Di-n-butylphthalate	ug/L	50	49.9	50.9	100	102	69-125	2	20	
Di-n-octylphthalate	ug/L	50	51.6	51.7	103	103	67-125	0	20	
Dibenz(a,h)anthracene	ug/L	50	49.6	49.1	99	98	68-125	1	20	
Dibenzofuran	ug/L	50	47.4	47.5	95	95	73-125	0	20	
Diethylphthalate	ug/L	50	50.0	50.6	100	101	69-125	1	20	
Dimethylphthalate	ug/L	50	49.2	50.3	98	101	71-125	2	20	
Fluoranthene	ug/L	50	48.1	49.1	96	98	72-125	2	20	
Fluorene	ug/L	50	48.3	48.5	97	97	72-125	0	20	
Hexachloro-1,3-butadiene	ug/L	50	38.3	40.1	77	80	56-125	4	20	
Hexachlorobenzene	ug/L	50	47.7	48.7	95	97	68-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

LABORATORY CONTROL SAMPLE & LCSD: 2192430 2192431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/L	50	32.0	33.3	64	67	44-125	4	20	
Indeno(1,2,3-cd)pyrene	ug/L	50	49.6	49.2	99	98	68-125	1	20	
Isophorone	ug/L	50	44.8	46.6	90	93	66-125	4	20	
N-Nitroso-di-n-propylamine	ug/L	50	41.2	41.9	82	84	60-125	1	20	
N-Nitrosodimethylamine	ug/L	50	36.3	39.0	73	78	45-125	7	20	
N-Nitrosodiphenylamine	ug/L	50	47.3	48.2	95	96	71-125	2	20	
Naphthalene	ug/L	50	40.1	42.3	80	85	67-125	5	20	
Nitrobenzene	ug/L	50	40.7	44.0	81	88	63-125	8	20	
Pentachlorophenol	ug/L	50	37.6	37.9	75	76	44-125	1	20	
Phenanthrene	ug/L	50	47.9	48.4	96	97	70-125	1	20	
Phenol	ug/L	50	38.7	40.3	77	81	61-125	4	20	
Pyrene	ug/L	50	48.6	49.0	97	98	70-125	1	20	
2,4,6-Tribromophenol (S)	%.				86	85	64-125			
2-Fluorobiphenyl (S)	%.				83	85	48-125			
2-Fluorophenol (S)	%.				71	73	45-125			
Nitrobenzene-d5 (S)	%.				75	79	57-125			
p-Terphenyl-d14 (S)	%.				90	88	64-125			
Phenol-d6 (S)	%.				73	75	51-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALIFIERS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis
PASI-MT	Pace Analytical Services - Montana

BATCH QUALIFIERS

Batch: MSSV/13861

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1M	Due to sample matrix routine initial sample volume or weight was not used in sample preparation, resulting in elevated reporting limits.
2M	The associated compound was outside of 20% for the associated continuing calibration but within 40% of the true value.
B	Analyte was detected in the associated method blank.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold TNI accreditation for this parameter.
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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QUALIFIERS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

ANALYTE QUALIFIERS

S7 Surrogate recovery outside control limits (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10338261002	**B-2**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261003	**B-3**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261004	**B-4**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261005	**B-5**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261006	**B-6**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261007	**B-7**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261008	**B-8**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261009	**B-9**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261010	**B-DUP**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261011	**B-RB**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261012	**GW-RB**	EPA 3010	MPRP/61424	EPA 6010	ICP/26800
10338261002	**B-2**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261003	**B-3**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261004	**B-4**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261005	**B-5**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261006	**B-6**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261007	**B-7**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261008	**B-8**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261009	**B-9**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261010	**B-DUP**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261011	**B-RB**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261012	**GW-RB**	EPA 7470A	MERP/15937	EPA 7470A	MERC/18671
10338261002	**B-2**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261003	**B-3**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261004	**B-4**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261005	**B-5**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261006	**B-6**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261007	**B-7**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261008	**B-8**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261009	**B-9**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261010	**B-DUP**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261011	**B-RB**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261012	**GW-RB**	EPA 3520	OEXT/32553	EPA 8270D	MSSV/13861
10338261002	**B-2**	EPA 8260B	MSV/34633		
10338261003	**B-3**	EPA 8260B	MSV/34629		
10338261004	**B-4**	EPA 8260B	MSV/34629		
10338261005	**B-5**	EPA 8260B	MSV/34629		
10338261006	**B-6**	EPA 8260B	MSV/34633		
10338261007	**B-7**	EPA 8260B	MSV/34633		
10338261008	**B-8**	EPA 8260B	MSV/34684		
10338261009	**B-9**	EPA 8260B	MSV/34633		
10338261010	**B-DUP**	EPA 8260B	MSV/34633		
10338261011	**B-RB**	EPA 8260B	MSV/34633		
10338261012	**GW-RB**	EPA 8260B	MSV/34633		
10338261013	**TRIP BLANK (002, 003, 004)**	EPA 8260B	MSV/34684		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338261

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10338261014	**TRIP BLANK (005 & 006)**	EPA 8260B	MSV/34684		
10338261015	**TRIP BLANK (007 & 009)**	EPA 8260B	MSV/34684		
10338261016	**TRIP BLANK (B-1, B-DUP, GW-RB)**	EPA 8260B	MSV/34684		
10338261017	**TRIP BLANK (B-RB & B-8)**	EPA 8260B	MSV/34684		
10338261001	**B-1**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261002	**B-2**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261003	**B-3**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261004	**B-4**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261005	**B-5**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261006	**B-6**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261007	**B-7**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261008	**B-8**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261009	**B-9**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261010	**B-DUP**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261011	**B-RB**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261011	**B-RB**	MADEP EPH	MTPR/4033	MADEP EPH	MT/
10338261012	**GW-RB**	MADEP EPH	MTPR/4033	MADEP EPH	MT/22526
10338261012	**GW-RB**	MADEP EPH	MTPR/4033	MADEP EPH	MT/
10338261001	**B-1**	MADEP VPH	MT/22472		
10338261002	**B-2**	MADEP VPH	MT/22472		
10338261003	**B-3**	MADEP VPH	MT/22472		
10338261004	**B-4**	MADEP VPH	MT/22472		
10338261005	**B-5**	MADEP VPH	MT/22472		
10338261006	**B-6**	MADEP VPH	MT/22472		
10338261007	**B-7**	MADEP VPH	MT/22472		
10338261008	**B-8**	MADEP VPH	MT/22472		
10338261009	**B-9**	MADEP VPH	MT/22472		
10338261010	**B-DUP**	MADEP VPH	MT/22472		
10338261011	**B-RB**	MADEP VPH	MT/22472		
10338261012	**GW-RB**	MADEP VPH	MT/22472		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information:

Company:	NewFields
Address:	1120 Cedar Street
	Missoula, MT 59802
Email To:	Tyler Etzel (tetzel@newfields.com
Phone:	406 549 8270
Fax:	
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Tyler Etzel
Copy To:	Katie Sitler
Purchase Order No.:	
Project Name:	Frank Property
Project Number:	350.0181.000

Section C Invoice Information:

Attention:	Donna McCammon
Company Name:	NewFields
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jennifer Anderson
Pace Profile #:	27441

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER MPDES

Site Location STATE: MT

→ NO LATER THAN 2 WEEKS ←

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	EPH	VPH	8260 VOC	8270 SVOC	RCRA 8 6010/7471	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-1	WT	G			2/10/16	900		5	X		X	X						X	X					001
2	B-2					2/10/16	1120		11	X		X	X						X	X	X	X	X		002
3	B-3					2/10/16	1240		11	X		X	X						X	X	X	X	X		003
4	B-4					2/9/16	1515		11	X		X	X						X	X	X	X	X		004
5	B-5					2/9/16	1345		11	X		X	X						X	X	X	X	X		005
6	B-6					2/9/16	1210		11	X		X	X						X	X	X	X	X		006
7	B-7					2/9/16	1010		11	X		X	X						X	X	X	X	X		007
8	B-8					2/10/16	1015		11	X		X	X						X	X	X	X	X		008
9	B-9					2/9/16	1635		11	X		X	X						X	X	X	X	X		009
10	B-DUP					2/9/16	—		11	X		X	X						X	X	X	X	X		010
11	B-RB					2/10/16	745		11	X		X	X						X	X	X	X	X		011
12	GW-RB	WT	G			2/9/16	1740		11	X		X	X						X	X	X	X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*As, Ba, Cd, Cr, Pb, Hg, Se, Ag	L. Spencer / NewFields	2/10/16	1640	[illegible] / Pace	2/10/16	1640	26	Y	Y	Y
*NEED RESULTS	[illegible] / Pace	2/11/16	1600	[illegible]	2/12/16	1010	0.9	Y	Y	Y
NO LATER THAN 2							2.3			
WEEKS							3.1			
							5.6			

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Trip Blank (002, 003, 004) 013
Trip Blank (005 & 006) 014
Trip Blank (007 & 009) 015
Trip Blank (B-1, B-DUP & GW-RB) 016
Trip Blank (B-RB & B-8) 017

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Louise Spencer

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/10/16

TO MN: 8260, 8270, METALS

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 23Feb2015 Page 1 of 1
	Document No.: **F-MT-C-184-rev.06**	Issuing Authority: Pace Montana Quality Office

Sample Condition Upon Receipt

Client Name: Newfields

Project #: WO#: 10338261

10338261

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: NA

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermometer Used: ☑ 140821733 ☐ NA **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read: 3.6, 4.5, 2.7, 3.4, 5.4 **Date and Initials of Person Examining Contents:** 2/11/16 MW

Cooler Temp Corrected: 3.4, 4.3, 2.5, 3.2, 5.2 **Biological Tissue Frozen?** ☐ Yes ☑ No

Temp should be above freezing to 6°C

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☑ Yes	☑ No	☐ N/A	7. 2 week mod
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: H_2O	☑ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☑ Yes	☐ No	☐ N/A	13. 11/11 ☑ HNO_3 ☐ H_2SO_4 ☐ NaOH 24/24 ☑ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☑ Yes	☐ No	☐ N/A	Sample # HNO3 - 002 - 012 HCL - 001 - 012
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☑ Yes	☐ No		Initial when completed: MW Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☐ N/A	14.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased): 080115-3BUP				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution: Samples B-5, B-7 & B-8 have >5% sediment

Project Manager Review: **Date:** 2/18/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®	Document Name: Sample Condition Upon Receipt Form	Document Revised: 05Jan2016 Page 1 of 1
	Document No.: F-MN-L-213-rev.15	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: New Fields **Project #:** 103382601

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeeDee ☐ Other:

Tracking Number: 6021 2789 5364, 6021 2789 5386, 6021 2789 5375, 6021 2789 5353

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermometer Used: ☐ 151401163 ☐ B88A912167504 ☐ 151401164 ☑ B88A0143310098

Type of Ice: ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.8, 2.2, 2.2 **Cooler Temp Corrected (°C):** 0.9, 2.3, 3.1, 5.6 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.1 **Date and Initials of Person Examining Contents:** KAC 2/12/16

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, AZ, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or WA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☐ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☑ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☑ Yes	☐ No	☐ N/A	13. ☑ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample # 2-12
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☑ Yes	☐ No	☐ N/A	
Exceptions: VOA, coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☑ Yes	☐ No	☐ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☑ No	☐ N/A	14.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: **Date:** 2/18/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

Analytical Data Package

Prepared by:

Pace Analytical Services

Pace Project No.: 10338261

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SAMPLE NO.

14463526ICV

GCV PID - FORM VII VOA-1
GCV PID INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/12/2016 Time: 20:08

Instrument ID: 11MT43 GC Column: FID
Init. Calib. Date(s): 02/12/2016 02/12/2016

Lab File ID: 021216A-2.B\043015.D
Init. Calib. Time(s): 14:26 18:35

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Purgeable Hydro Carbons	Averaged	35365.13	34097.17	0.0100	-3.5853	25.0000
Aliphatic (C05-C08),Unadjusted	Averaged	31199.03	29084.37	0.0100	-6.7780	25.0000
Aliphatic (C09-C12),Unadjusted	Averaged	42153.92	41751.83	0.0100	-0.9539	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	27967.66	27869.44	0.0100	-0.3512	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14463525ICV

GCV PID - FORM VII VOA-1
GCV PID INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/12/2016 Time: 20:08
Instrument ID: 11MT43 GC Column: PID
Init. Calib. Date(s): 02/12/2016 02/12/2016
Lab File ID: 021216A-1.B\043015.D
Init. Calib. Time(s): 14:26 18:35
SDG No.: 10338261

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Benzene	Averaged	367502.5	361512.2	0.0100	-1.6300	25.0000
Ethylbenzene	Averaged	299283.7	310678.6	0.0100	3.8074	25.0000
Methyl-tert-butyl ether	Averaged	84690.22	84372.78	0.0100	-0.3748	25.0000
Naphthalene	Averaged	200650.4	185772.9	0.0100	-7.4146	25.0000
Toluene	Averaged	345364.1	348124.2	0.0100	0.7992	25.0000
Aromatic (C09-C10)	Averaged	310697.8	317178.5	0.0100	2.0859	25.0000
m&p-Xylene	Averaged	358942.3	381487.1	0.0100	6.2809	25.0000
o-Xylene	Averaged	303478.7	319901.5	0.0100	5.4115	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	120740.1	121864.4	0.0100	0.9312	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14472205CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/16/2016 Time: 13:03

Instrument ID: 11MT43 GC Column: FID
Init. Calib. Date(s): 02/12/2016 02/12/2016

Lab File ID: 021616A-2.B\047002.D
Init. Calib. Time(s): 14:26 18:35

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Purgeable Hydro Carbons	Averaged	35365.13	32380.56	0.0100	-8.4393	25.0000
Aliphatic (C05-C08),Unadjusted	Averaged	31199.03	29603.35	0.0100	-5.1145	25.0000
Aliphatic (C09-C12),Unadjusted	Averaged	42153.92	37969.59	0.0100	-9.9263	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	27967.66	28787.99	0.0100	2.9331	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14472317CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/16/2016 Time: 13:03
Instrument ID: 11MT43 GC Column: PID
Init. Calib. Date(s): 02/12/2016 02/12/2016
Lab File ID: 021616A-1.B\047002.D
Init. Calib. Time(s): 14:26 18:35
SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Benzene	Averaged	367502.5	408612.3	0.0100	11.1863	25.0000
Ethylbenzene	Averaged	299283.7	346044.2	0.0100	15.6241	25.0000
Methyl-tert-butyl ether	Averaged	84690.22	87910.00	0.0100	3.8018	25.0000
Naphthalene	Averaged	200650.4	248805.6	0.0100	23.9996	25.0000
Toluene	Averaged	345364.1	387105.1	0.0100	12.0861	25.0000
Aromatic (C09-C10)	Averaged	310697.8	361409.9	0.0100	16.3220	25.0000
m&p-Xylene	Averaged	358942.3	418865.9	0.0100	16.6945	25.0000
o-Xylene	Averaged	303478.7	353052.3	0.0100	16.3351	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	120740.1	138973.1	0.0100	15.1010	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14472319CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/17/2016 Time: 08:46

Instrument ID: 11MT43 GC Column: PID
Init. Calib. Date(s): 02/12/2016 02/12/2016

Lab File ID: 021616A-1.B\047025.D
Init. Calib. Time(s): 14:26 18:35

SDG No.: 10338261

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Benzene	Averaged	367502.5	396914.5	0.0100	8.0032	25.0000
Ethylbenzene	Averaged	299283.7	335118.1	0.0100	11.9734	25.0000
Methyl-tert-butyl ether	Averaged	84690.22	84675.86	0.0100	-0.0170	25.0000
Naphthalene	Averaged	200650.4	239885.8	0.0100	19.5541	25.0000
Toluene	Averaged	345364.1	377931.9	0.0100	9.4300	25.0000
Aromatic (C09-C10)	Averaged	310697.8	345160.8	0.0100	11.0921	25.0000
m&p-Xylene	Averaged	358942.3	402401.1	0.0100	12.1075	25.0000
o-Xylene	Averaged	303478.7	338276.9	0.0100	11.4664	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	120740.1	130057.4	0.0100	7.7168	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14480544CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/18/2016 Time: 11:34

Instrument ID: 11MT43 GC Column: FID
Init. Calib. Date(s): 02/12/2016 02/12/2016

Lab File ID: 021816A-2.B\049002.D
Init. Calib. Time(s): 14:26 18:35

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Purgeable Hydro Carbons	Averaged	35365.13	31276.99	0.0100	-11.5598	25.0000
Aliphatic (C05-C08),Unadjusted	Averaged	31199.03	27723.52	0.0100	-11.1398	25.0000
Aliphatic (C09-C12),Unadjusted	Averaged	42153.92	37341.97	0.0100	-11.4152	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	27967.66	25664.24	0.0100	-8.2360	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14480543CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/18/2016 Time: 11:34
Instrument ID: 11MT43 GC Column: PID
Init. Calib. Date(s): 02/12/2016 02/12/2016
Lab File ID: 021816A-1.B\049002.D
Init. Calib. Time(s): 14:26 18:35
SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Benzene	Averaged	367502.5	383320.8	0.0100	4.3043	25.0000
Ethylbenzene	Averaged	299283.7	325201.0	0.0100	8.6598	25.0000
Methyl-tert-butyl ether	Averaged	84690.22	84691.69	0.0100	0.0017	25.0000
Naphthalene	Averaged	200650.4	235696.0	0.0100	17.4660	25.0000
Toluene	Averaged	345364.1	364365.5	0.0100	5.5019	25.0000
Aromatic (C09-C10)	Averaged	310697.8	340109.0	0.0100	9.4662	25.0000
m&p-Xylene	Averaged	358942.3	392086.1	0.0100	9.2338	25.0000
o-Xylene	Averaged	303478.7	330767.9	0.0100	8.9921	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	120740.1	120176.3	0.0100	-0.4670	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14480579CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/18/2016 Time: 19:28

Instrument ID: 11MT43 GC Column: FID
Init. Calib. Date(s): 02/12/2016 02/12/2016

Lab File ID: 021816A-2.B\049017.D
Init. Calib. Time(s): 14:26 18:35

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Purgeable Hydro Carbons	Averaged	35365.13	31615.09	0.0100	-10.6038	25.0000
Aliphatic (C05-C08),Unadjusted	Averaged	31199.03	27460.85	0.0100	-11.9817	25.0000
Aliphatic (C09-C12),Unadjusted	Averaged	42153.92	38330.18	0.0100	-9.0709	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	27967.66	25658.68	0.0100	-8.2559	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14480542CCV

GCV PID - FORM VII VOA-1
GCV PID CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/18/2016 Time: 19:28

Instrument ID: 11MT43 GC Column: PID
Init. Calib. Date(s): 02/12/2016 02/12/2016

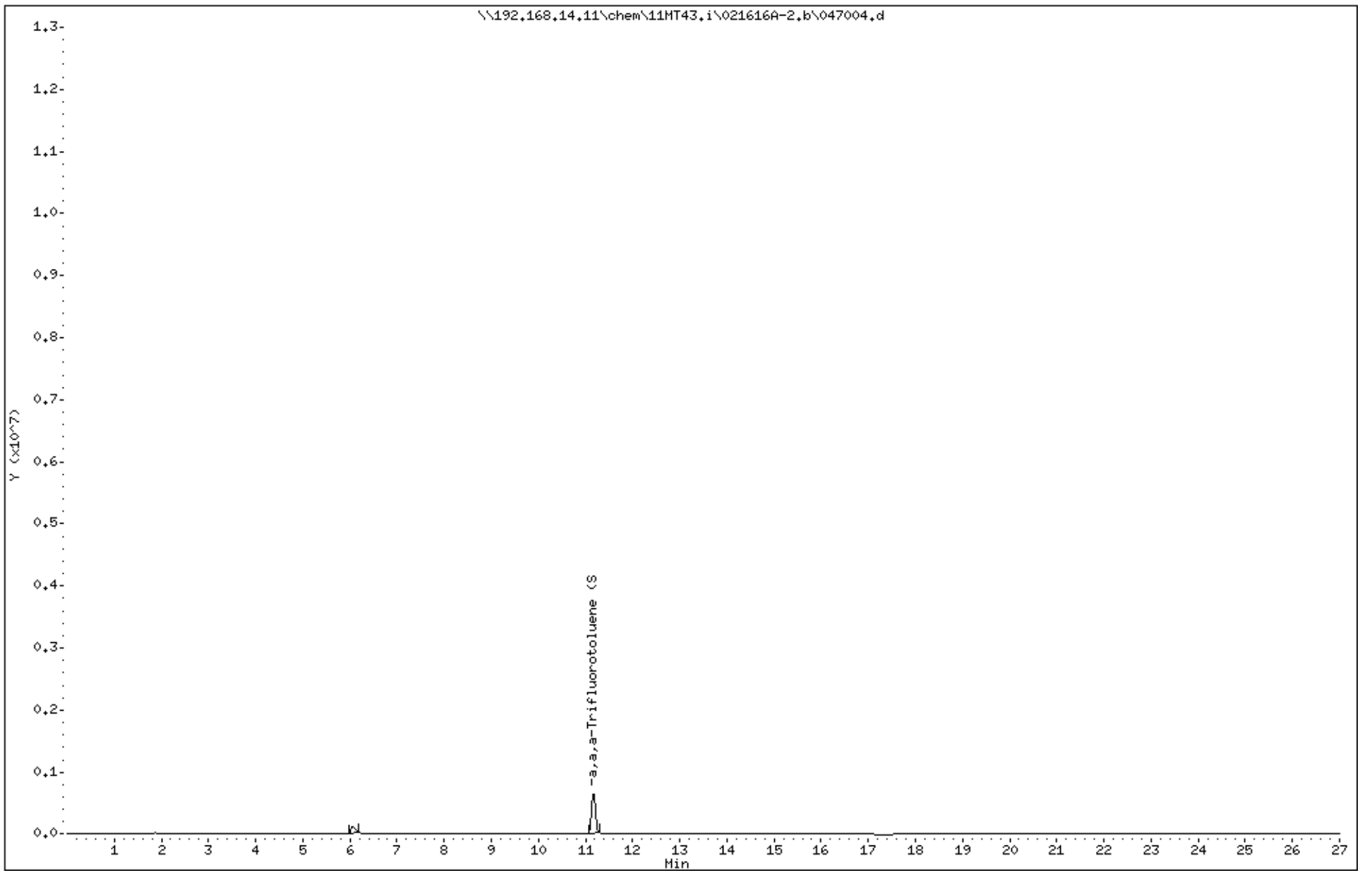
Lab File ID: 021816A-1.B\049017.D
Init. Calib. Time(s): 14:26 18:35

SDG No.: 10338261

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Benzene	Averaged	367502.5	392849.6	0.0100	6.8971	25.0000
Ethylbenzene	Averaged	299283.7	338062.8	0.0100	12.9573	25.0000
Methyl-tert-butyl ether	Averaged	84690.22	86927.47	0.0100	2.6417	25.0000
Naphthalene	Averaged	200650.4	235685.8	0.0100	17.4609	25.0000
Toluene	Averaged	345364.1	375675.6	0.0100	8.7767	25.0000
Aromatic (C09-C10)	Averaged	310697.8	361364.2	0.0100	16.3073	25.0000
m&p-Xylene	Averaged	358942.3	407097.1	0.0100	13.4157	25.0000
o-Xylene	Averaged	303478.7	344436.1	0.0100	13.4960	25.0000
a,a,a-Trifluorotoluene (S)	Averaged	120740.1	121431.4	0.0100	0.5725	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Data File: \\192.168.14.11\chem\11MT43.i\021616A-2.b\047004.d
Date : 16-FEB-2016 14:05
Client ID: B-1 Instrument: 11MT43.i
Sample Info: 10338261001X5,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



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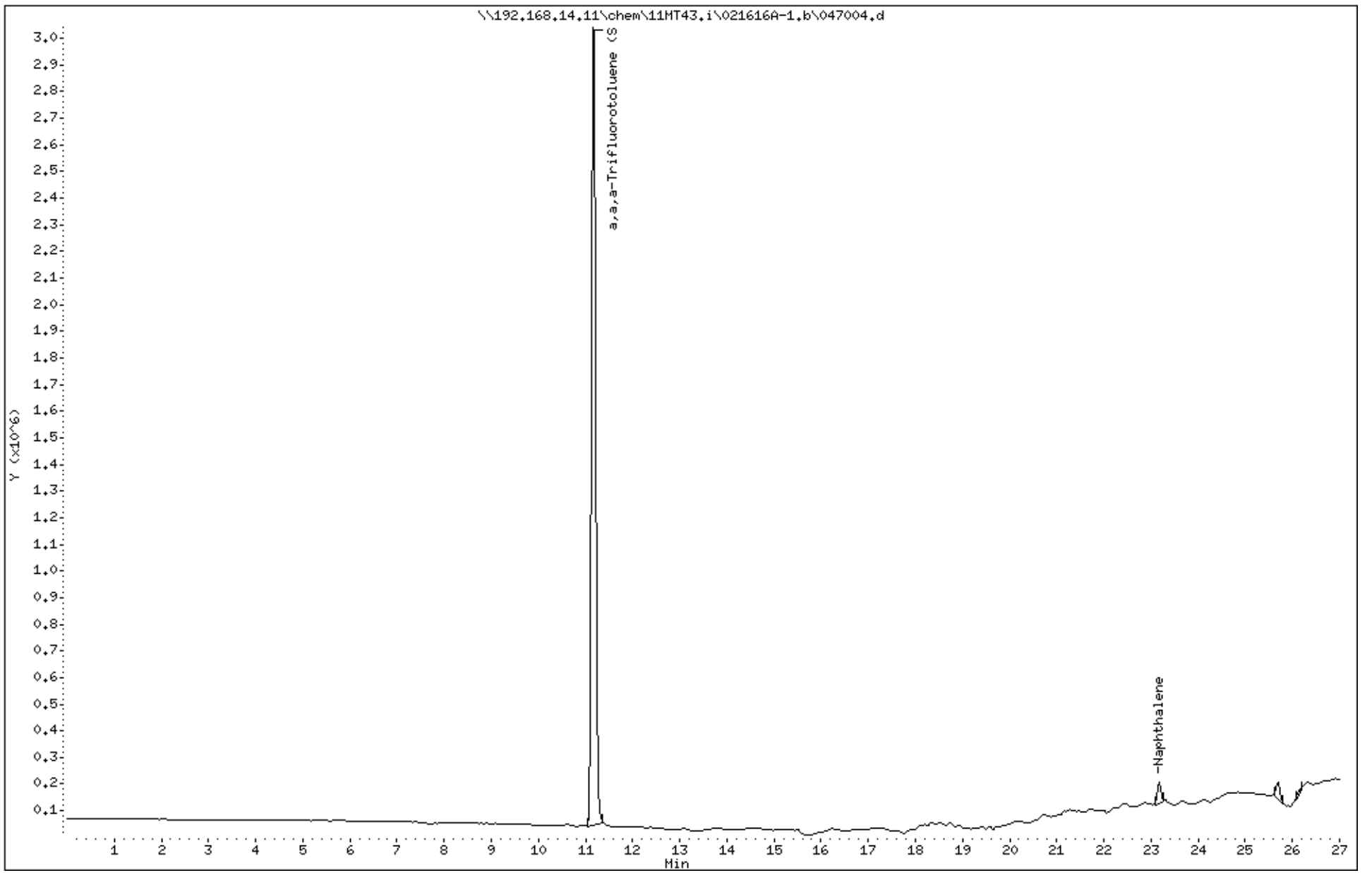
Injection Date: 16-FEB-2016 14:05
Instrument: 11MT43.i
Lab Sample ID: 10338261001

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	2825842	2825842

Data File: \\192.168.14.11\chem\11MT43.i\021616A-1.b\047004.d
Date : 16-FEB-2016 14:05
Client ID: B-1 Instrument: 11MT43.i
Sample Info: 10338261001X5,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



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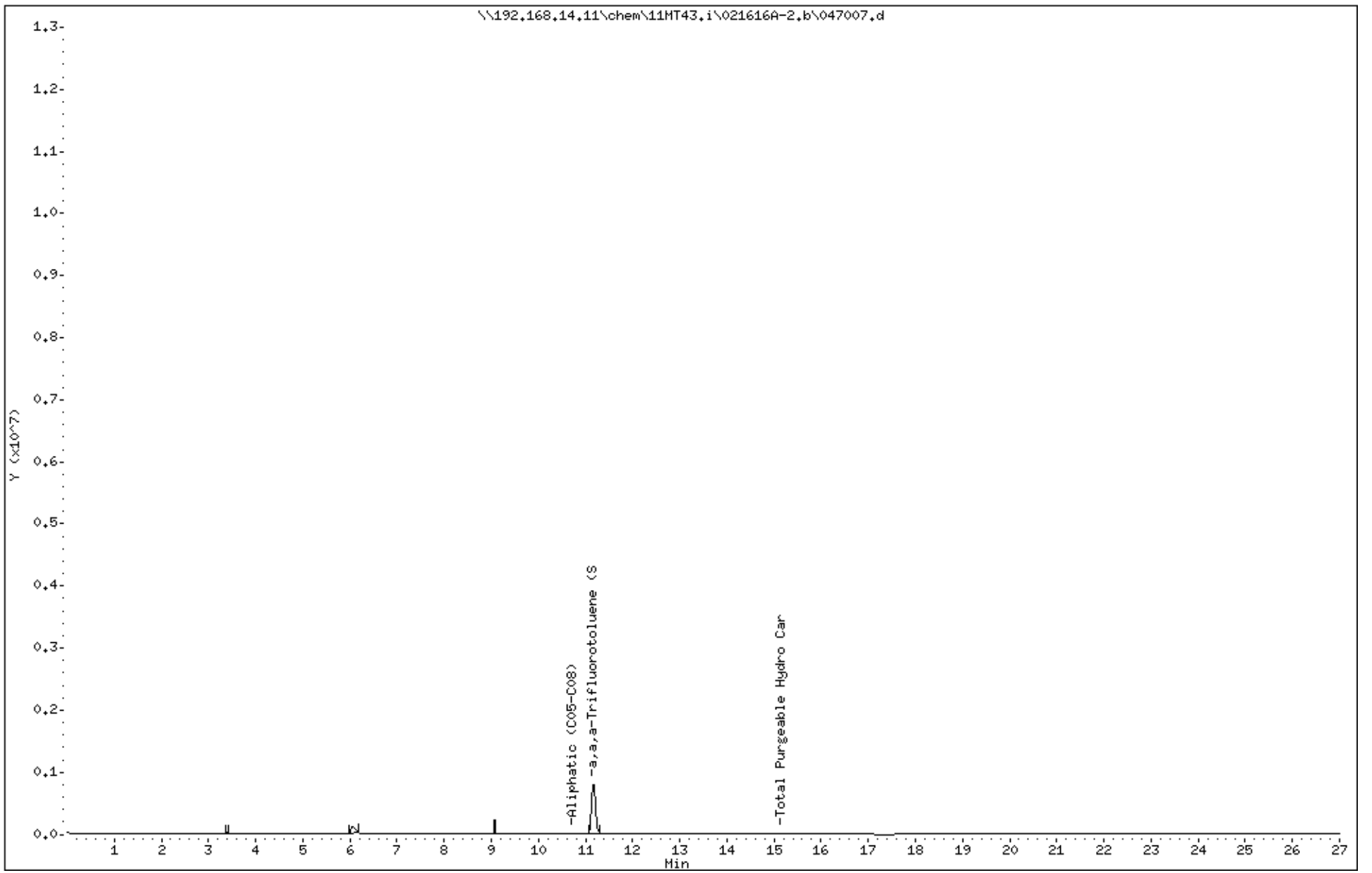
Injection Date: 16-FEB-2016 14:05
Instrument: 11MT43.i
Lab Sample ID: 10338261001

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	287461	287461
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	13663485	13663485

Data File: \\192.168.14.11\chem\11MT43.i\021616A-2.b\047007.d
Date : 16-FEB-2016 15:50
Client ID: B-2 Instrument: 11MT43.i
Sample Info: 10338261002,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



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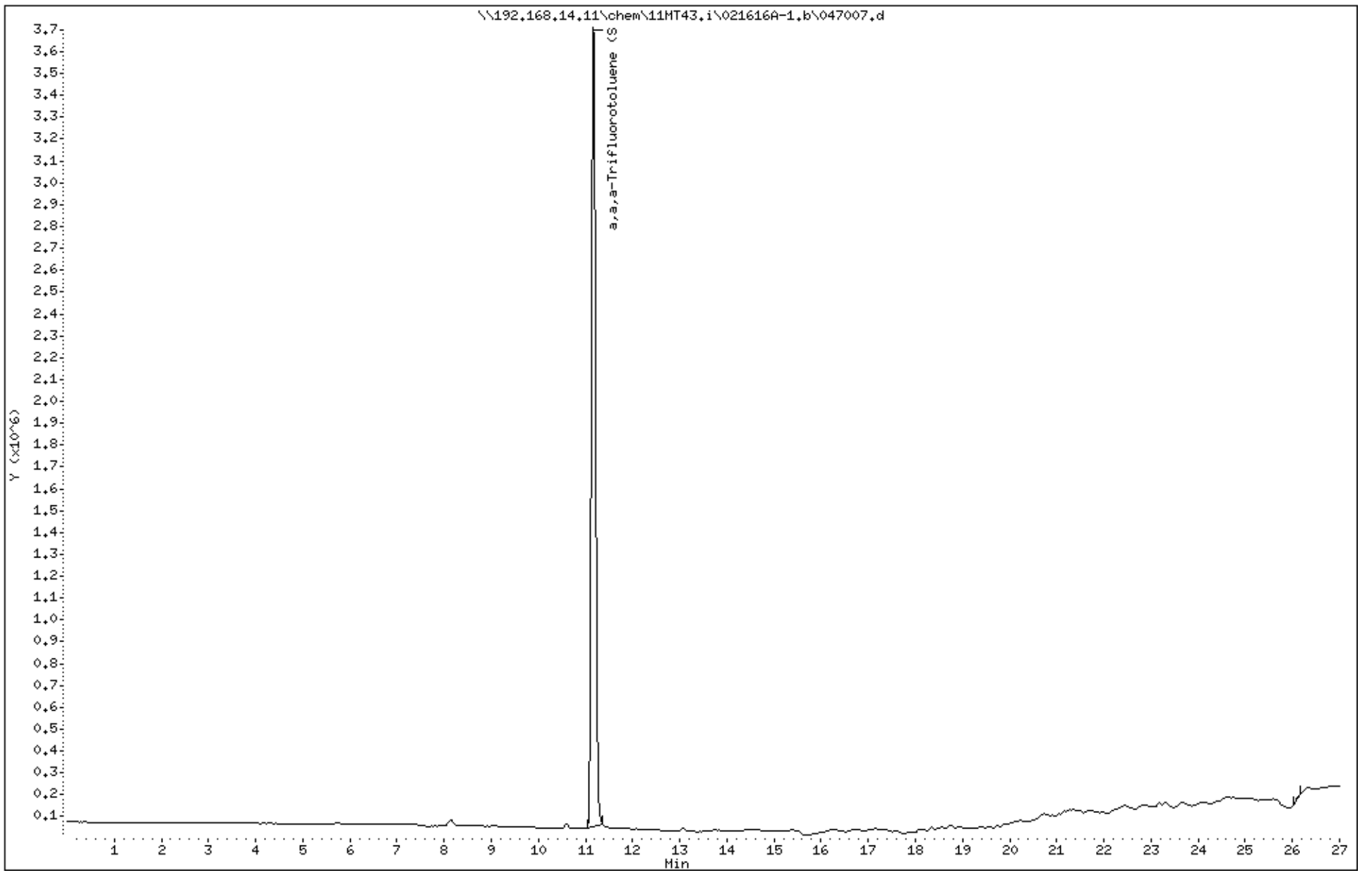
Injection Date: 16-FEB-2016 15:50
Instrument: 11MT43.i
Lab Sample ID: 10338261002

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	8010	8010
Total Purgeable Hydro Carbons	8010	8010
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	3494877	3494877

Data File: \\192.168.14.11\chem\11MT43.i\021616A-1.b\047007.d
Date : 16-FEB-2016 15:50
Client ID: B-2 Instrument: 11MT43.i
Sample Info: 10338261002,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



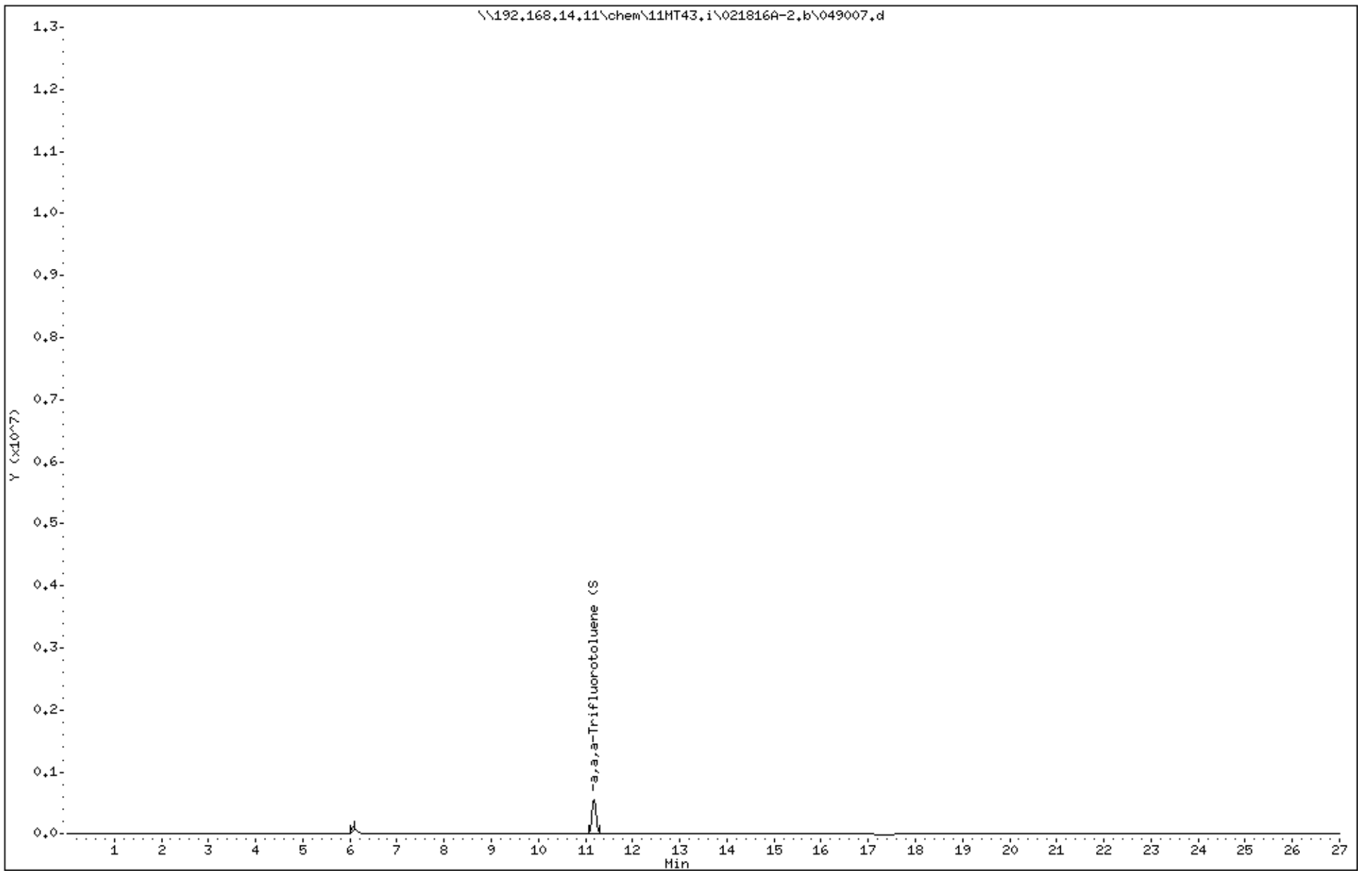
Data File: \\192.168.14.11\chem\11MT43.i\021616A-1.b/047007.d (ManInt: all.sub Orig: all.sub)
Injection Date: 16-FEB-2016 15:50
Instrument: 11MT43.i
Lab Sample ID: 10338261002

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	16683439	16683439

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049007.d
Date : 18-FEB-2016 14:10
Client ID: B-3 Instrument: 11MT43.i
Sample Info: 10338261003,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



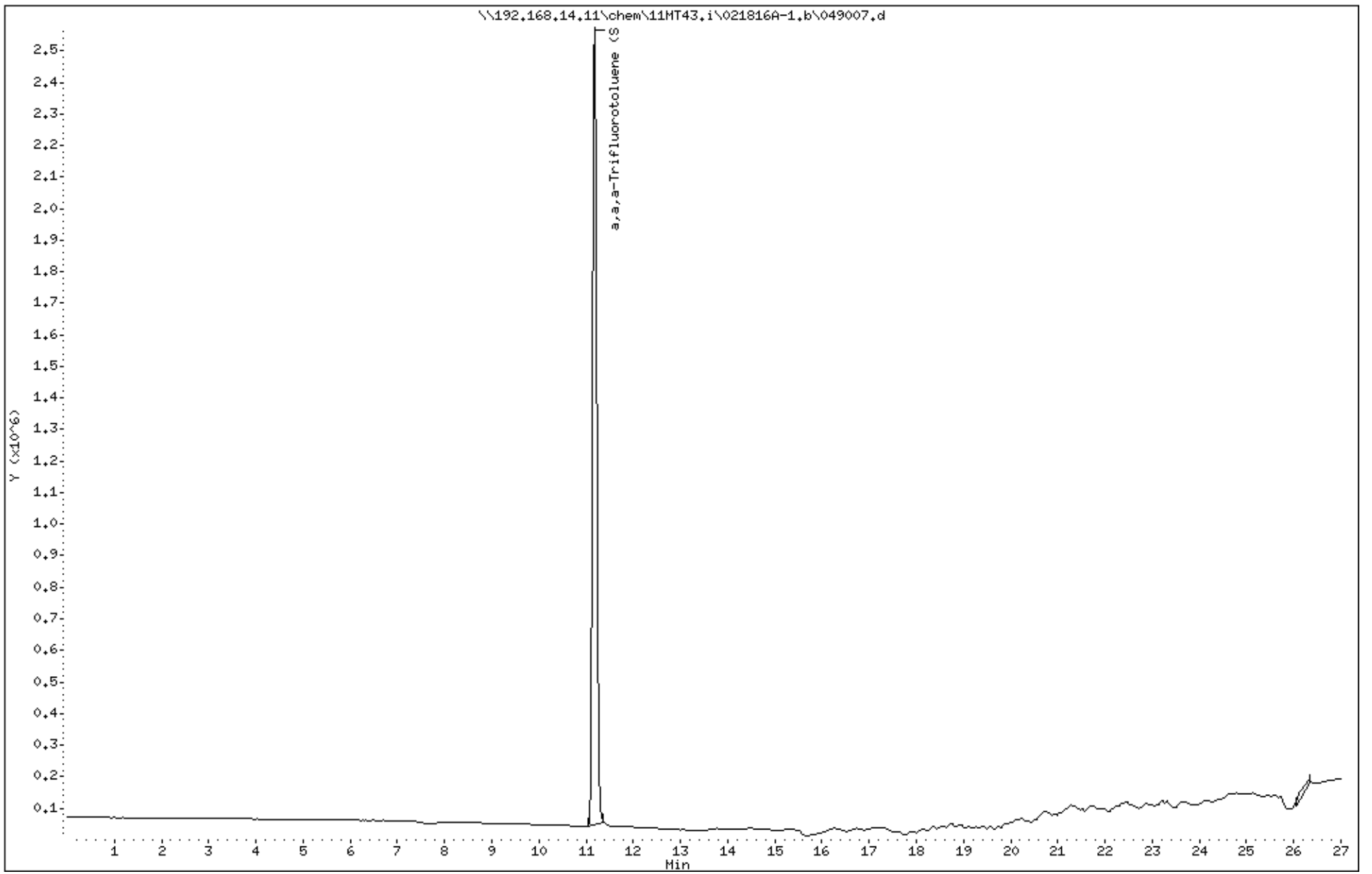
Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049007.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 14:10
Instrument: 11MT43.i
Lab Sample ID: 10338261003

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	2441547	2441547

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049007.d
Date : 18-FEB-2016 14:10
Client ID: B-3 Instrument: 11MT43.i
Sample Info: 10338261003,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



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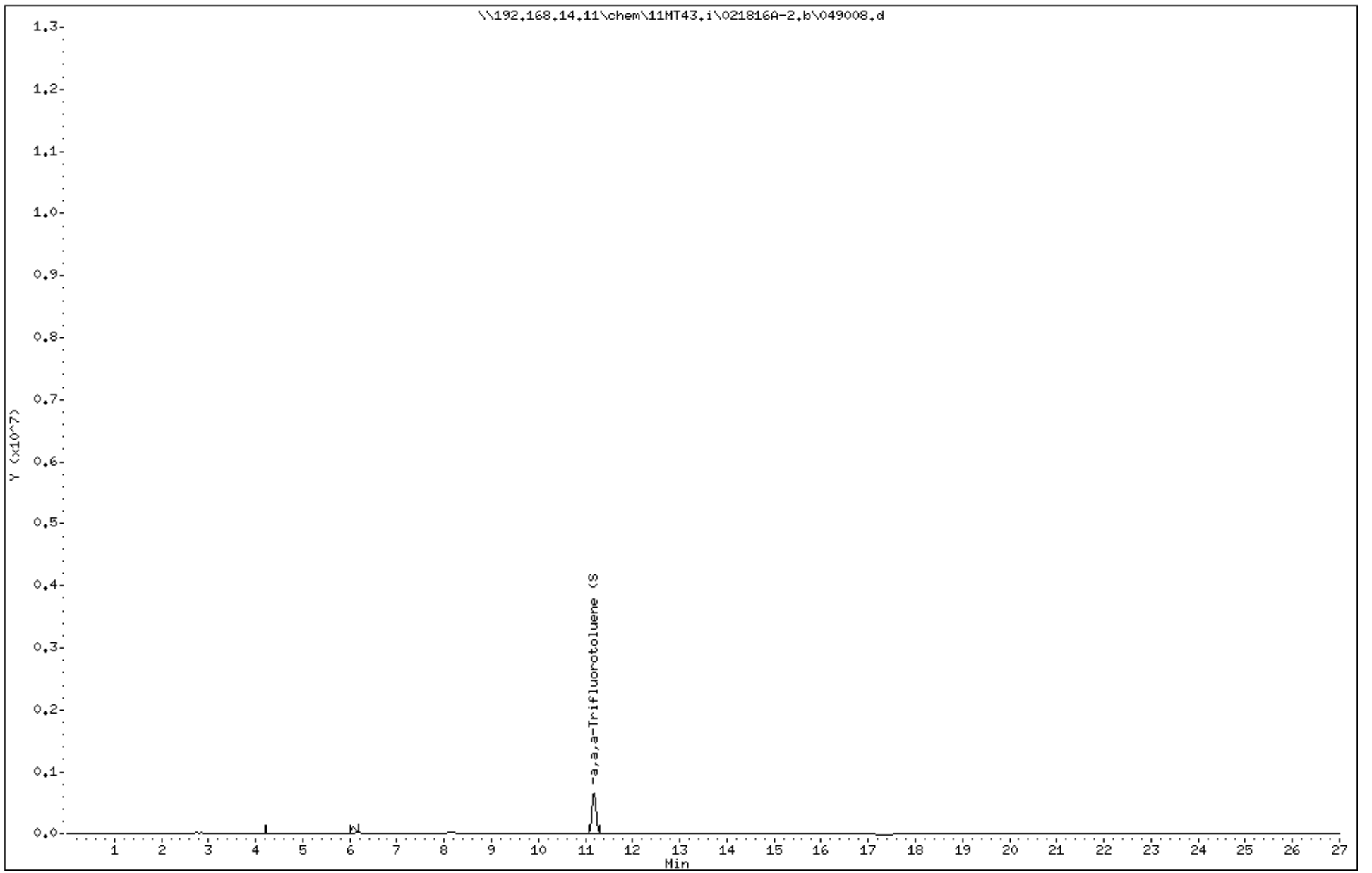
Injection Date: 18-FEB-2016 14:10
Instrument: 11MT43.i
Lab Sample ID: 10338261003

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	11523785	11523785

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049008.d
Date : 18-FEB-2016 14:47
Client ID: B-4 Instrument: 11MT43.i
Sample Info: 10338261004X5,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



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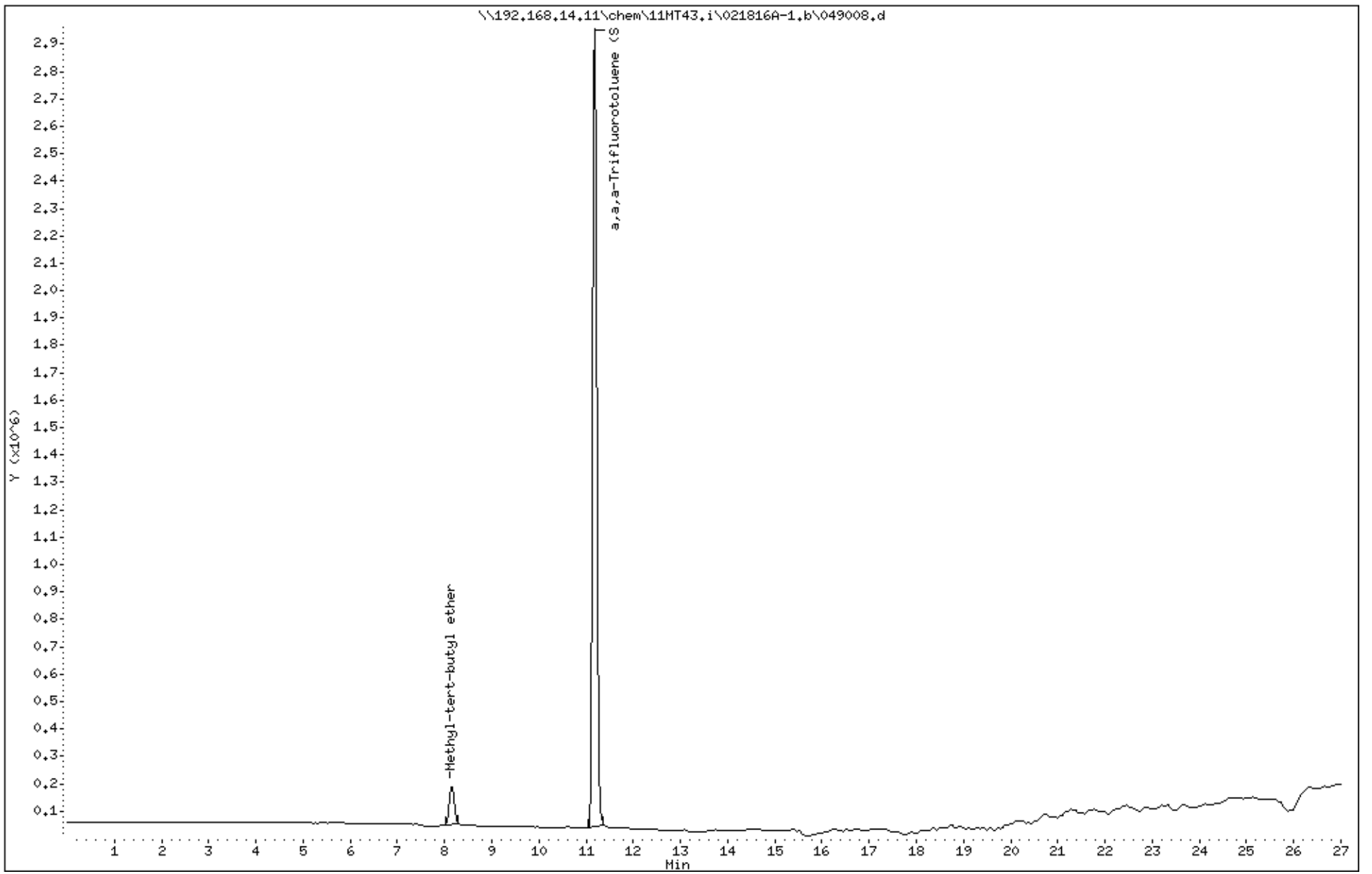
Injection Date: 18-FEB-2016 14:47
Instrument: 11MT43.i
Lab Sample ID: 10338261004

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

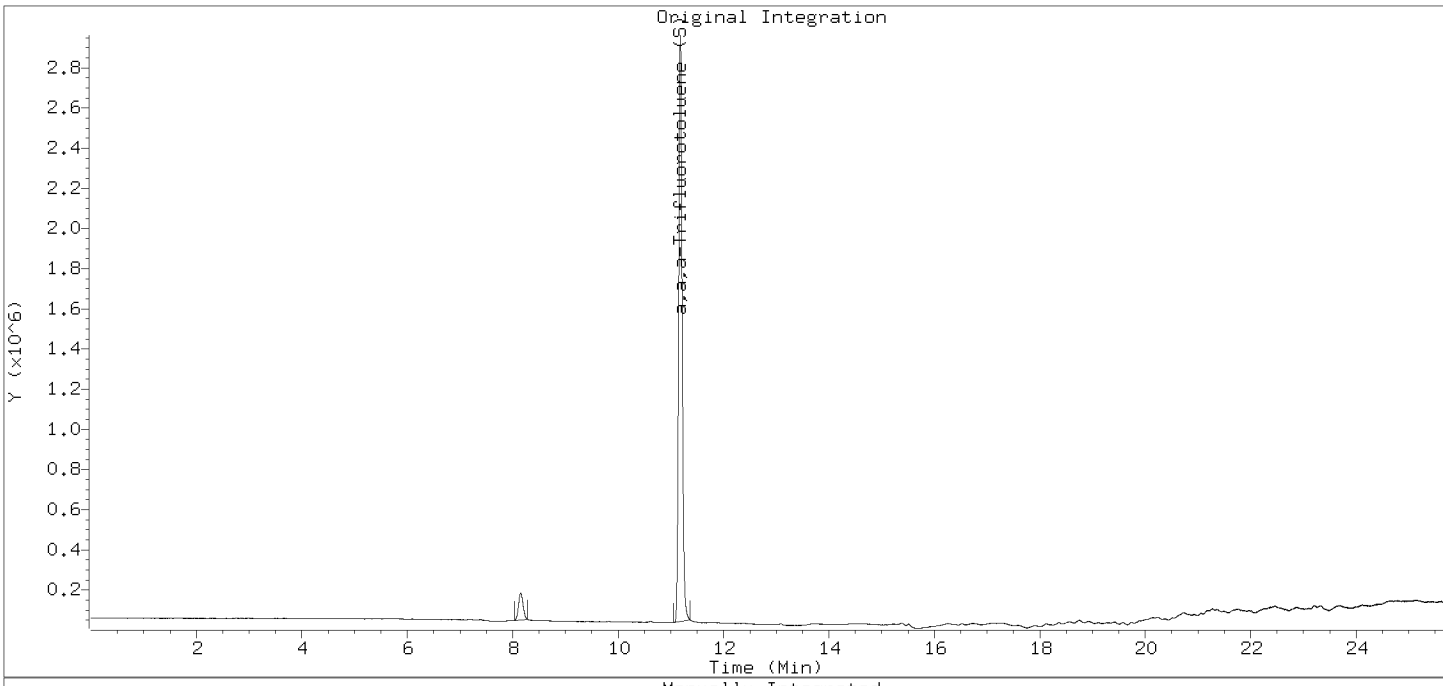
Manually Integrated Compounds

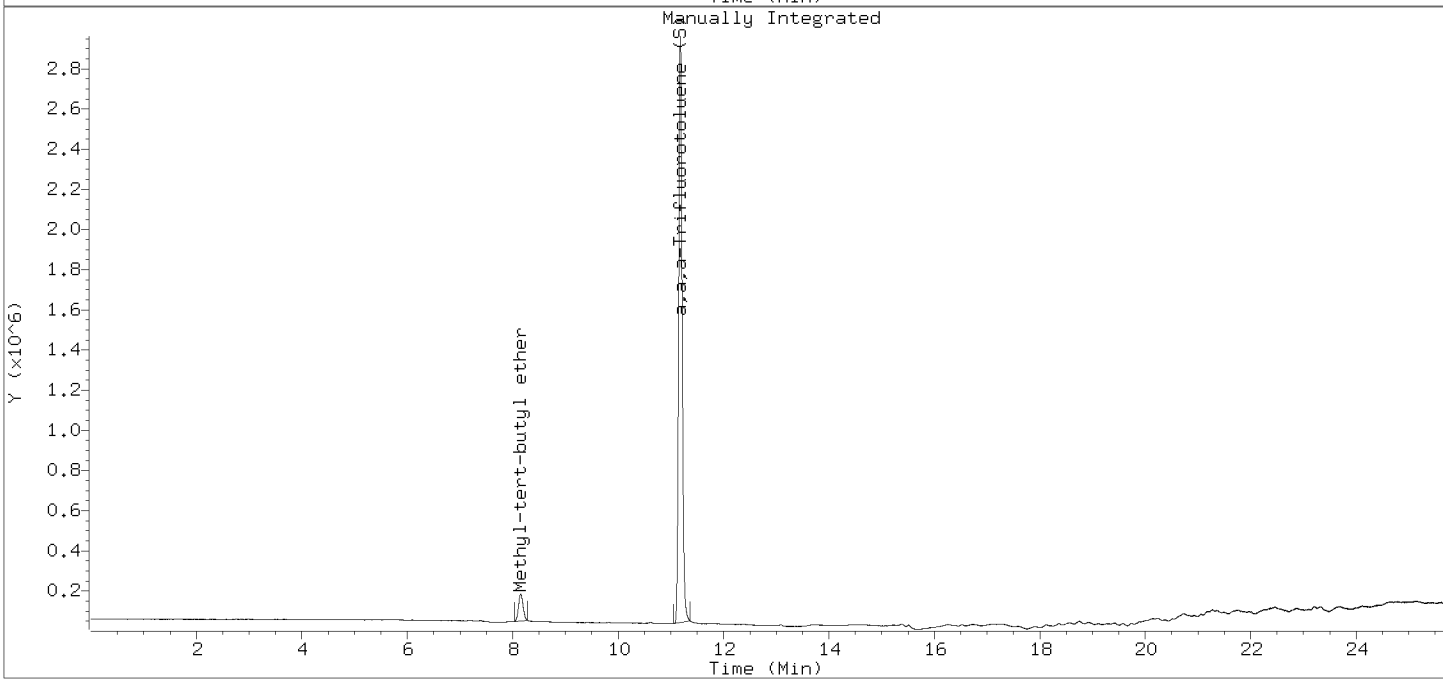
Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	2868460	2868460

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049008.d
Date : 18-FEB-2016 14:47
Client ID: B-4 Instrument: 11MT43.i
Sample Info: 10338261004X5,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049008.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 14:47
Instrument: 11MT43.i
Lab Sample ID: 10338261004

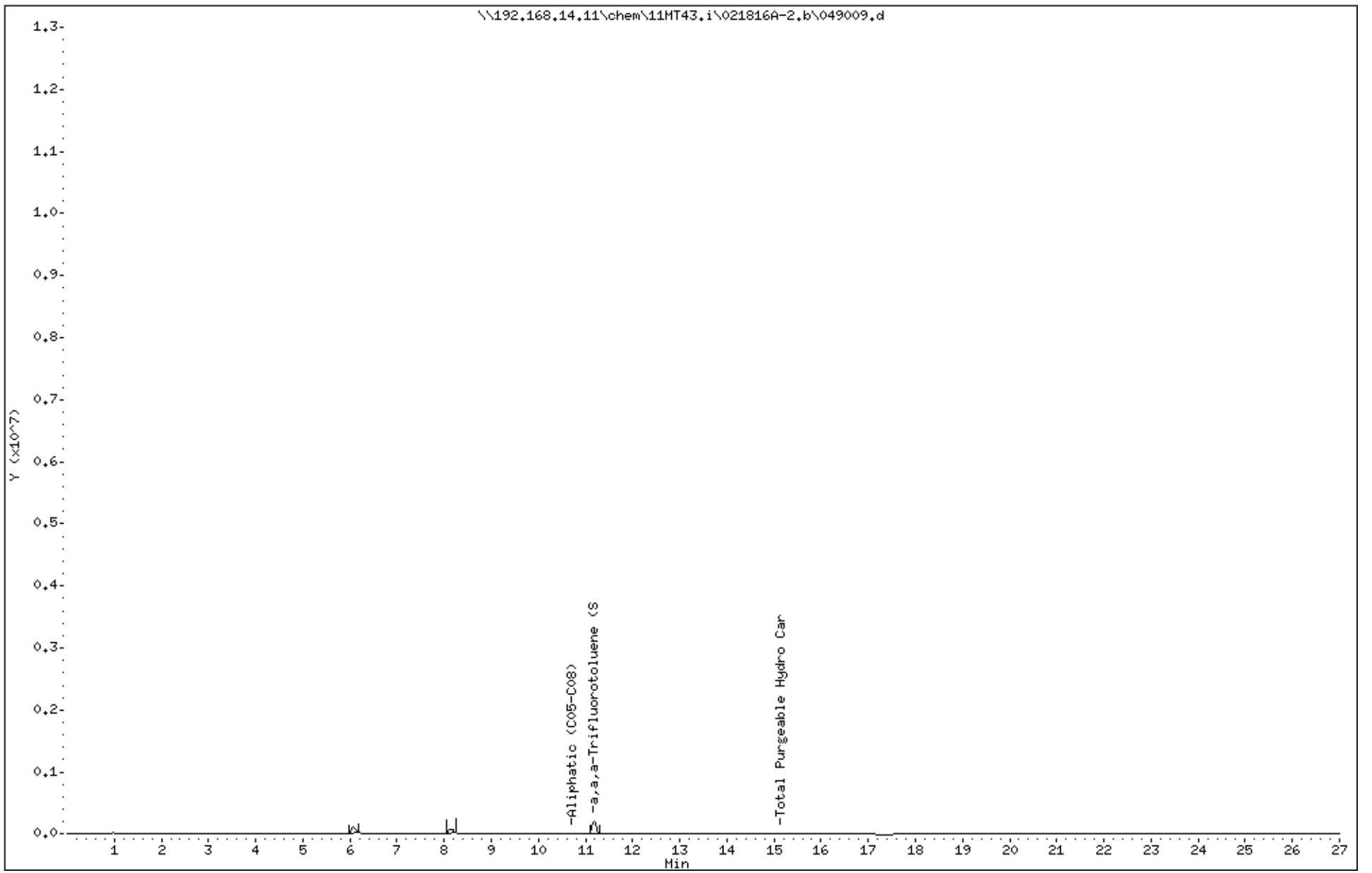




Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	796977
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	13321288	13321288

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049009.d
Date : 18-FEB-2016 15:19
Client ID: B-5 Instrument: 11MT43.i
Sample Info: 10338261005,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



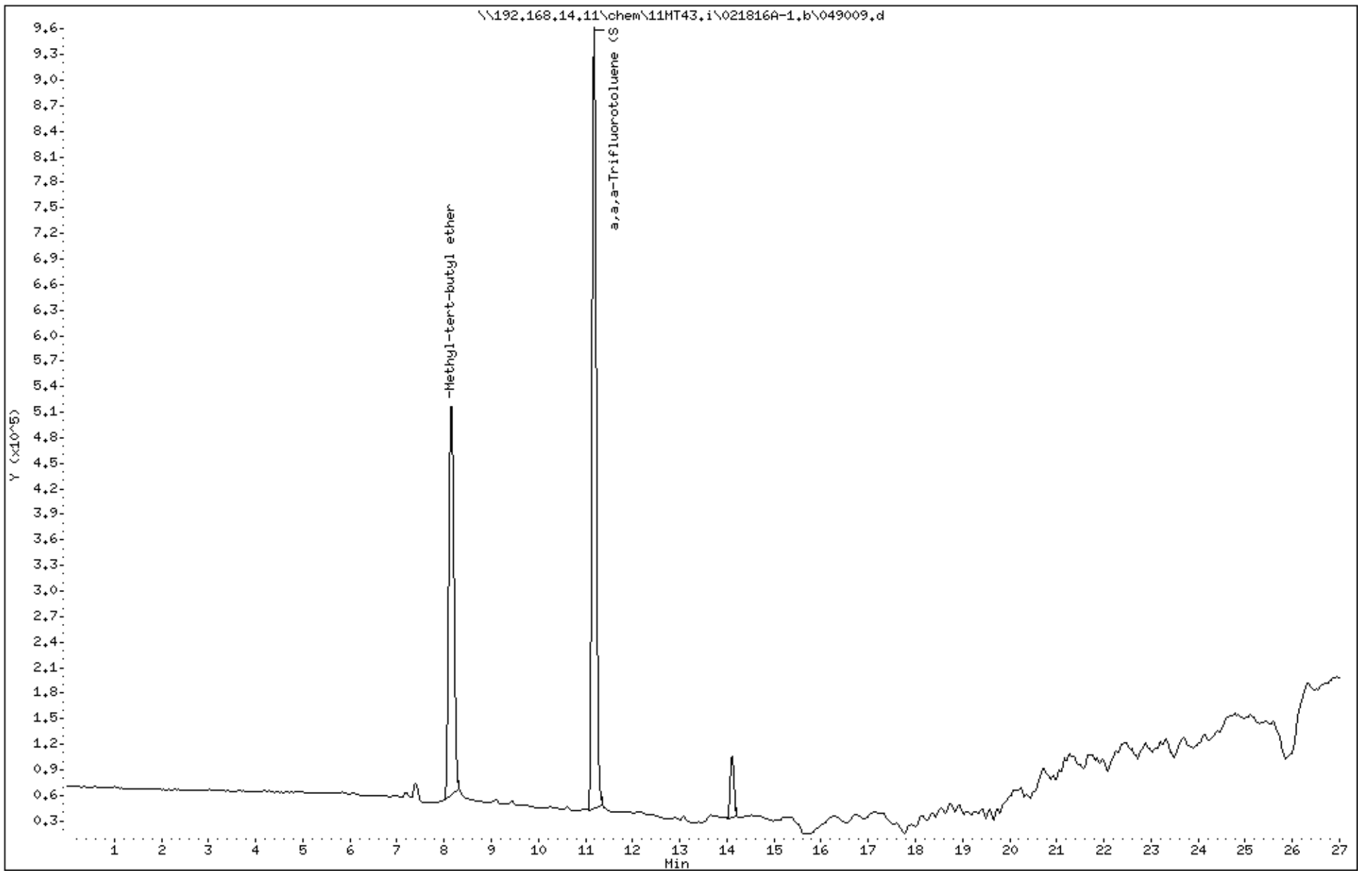
Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049009.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 15:19
Instrument: 11MT43.i
Lab Sample ID: 10338261005

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	342036	342036
Total Purgeable Hydro Carbons	342036	342036
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	877917	877917

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049009.d
Date : 18-FEB-2016 15:19
Client ID: B-5 Instrument: 11MT43.i
Sample Info: 10338261005,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



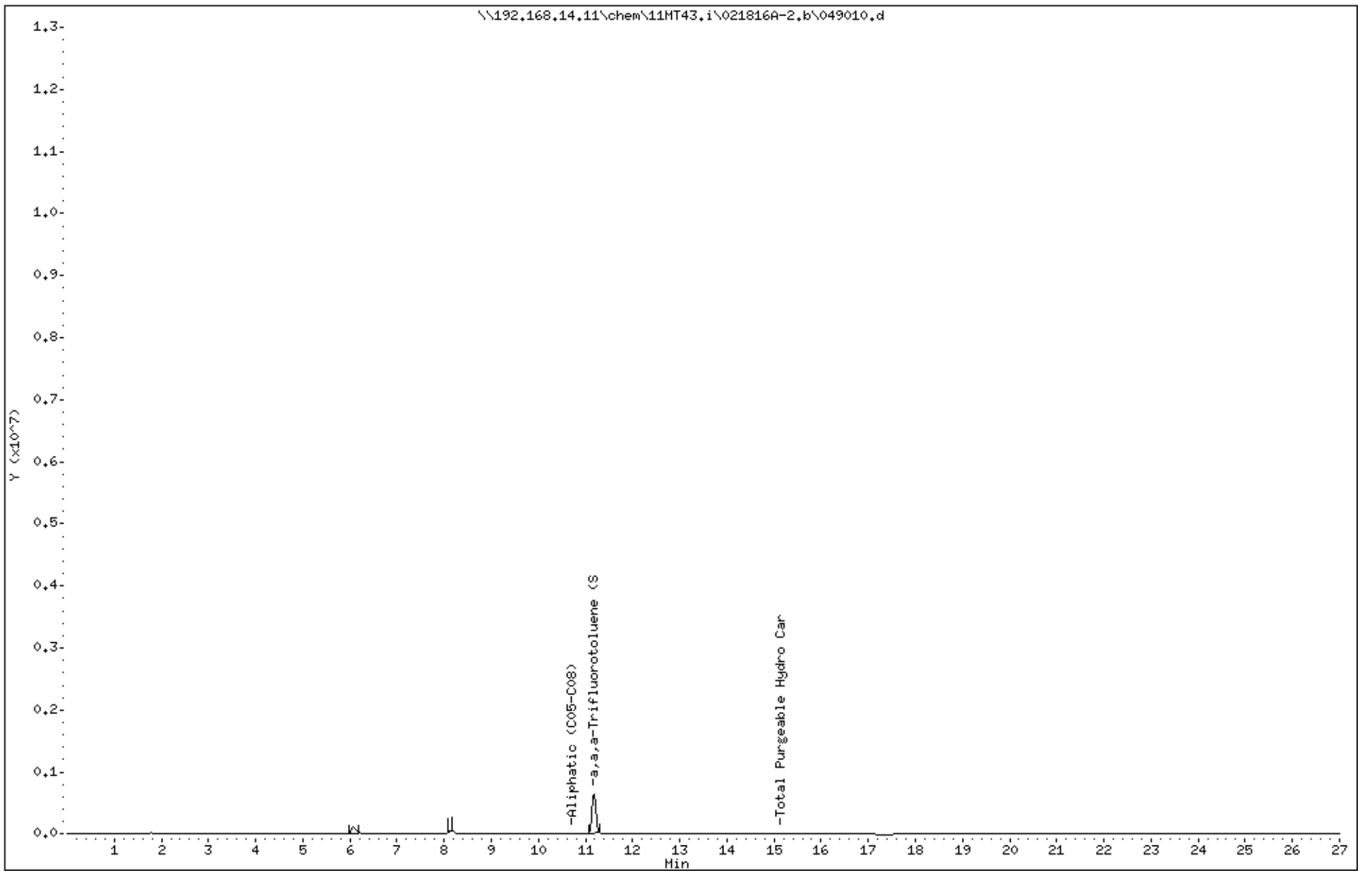
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049009.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 15:19
Instrument: 11MT43.i
Lab Sample ID: 10338261005

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	2723979	2723979
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	4180852	4180852

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049010.d
Date : 18-FEB-2016 15:50
Client ID: B-6 Instrument: 11MT43.i
Sample Info: 10338261006X5,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



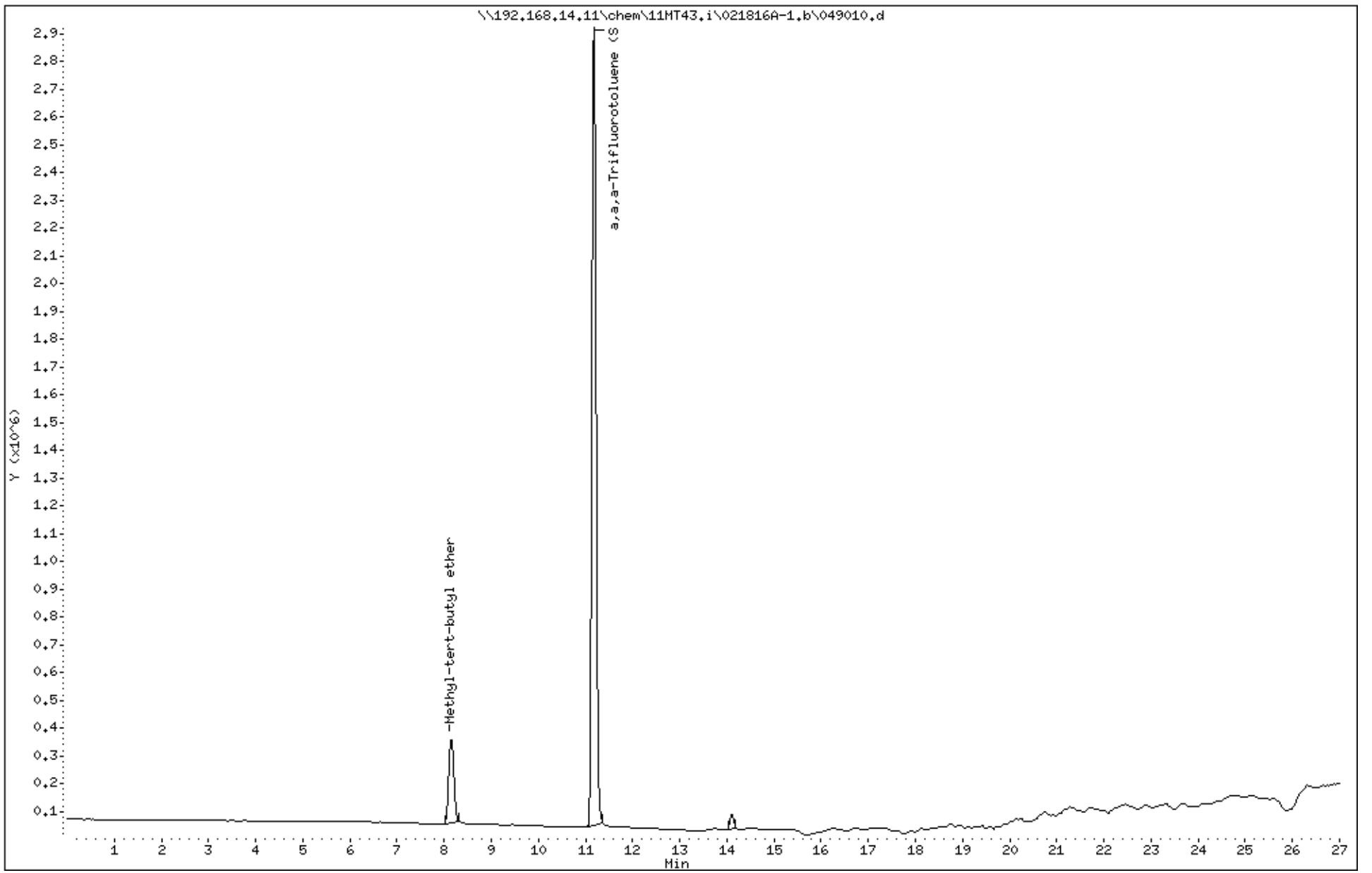
Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049010.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 15:50
Instrument: 11MT43.i
Lab Sample ID: 10338261006

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

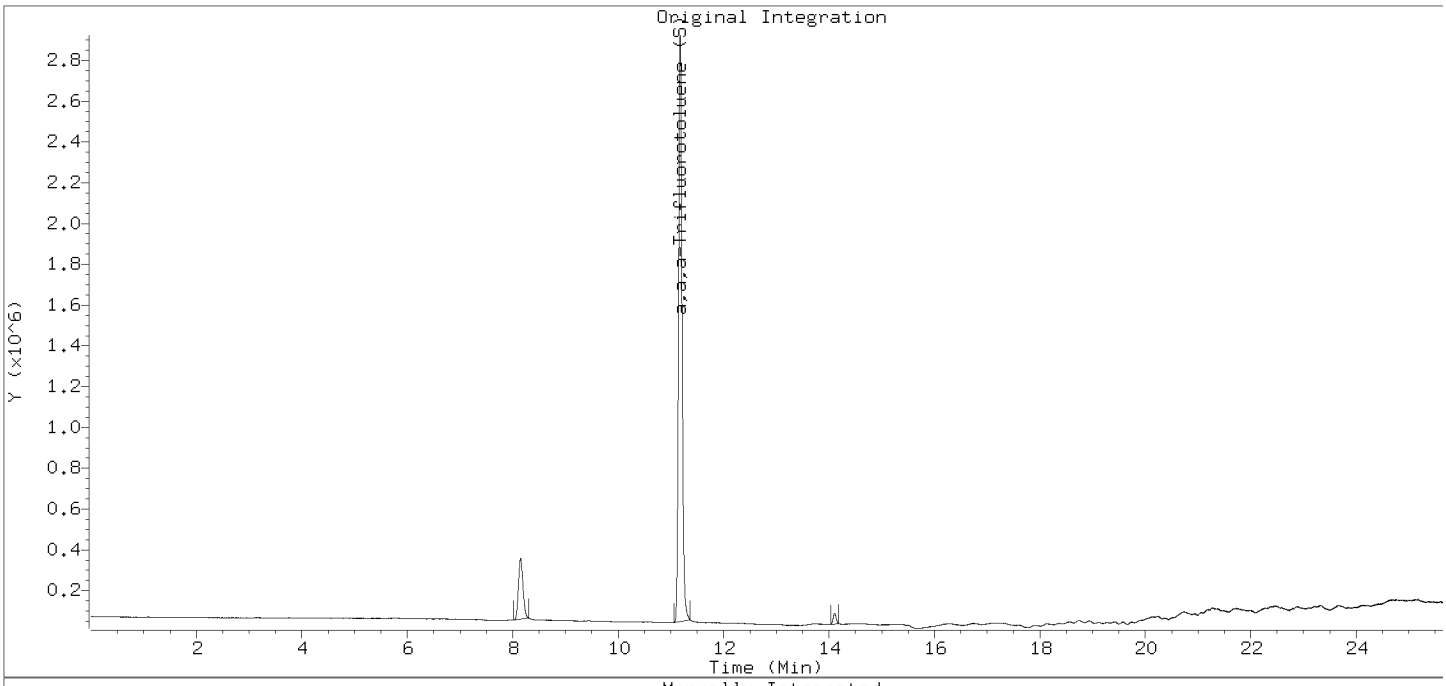
Manually Integrated Compounds

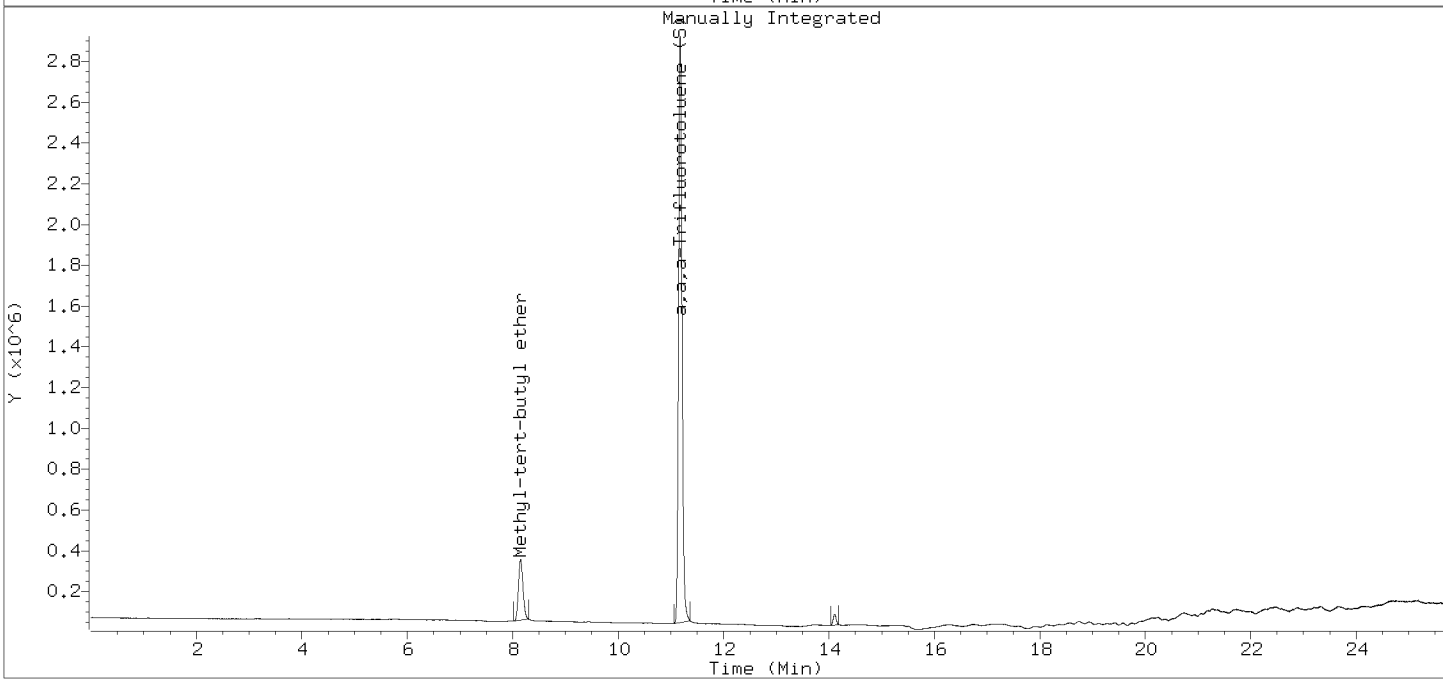
Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	56952	56952
Total Purgeable Hydro Carbons	56952	56952
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	2797814	2797814

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049010.d
Date : 18-FEB-2016 15:50
Client ID: B-6 Instrument: 11MT43.i
Sample Info: 10338261006X5,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049010.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 15:50
Instrument: 11MT43.i
Lab Sample ID: 10338261006

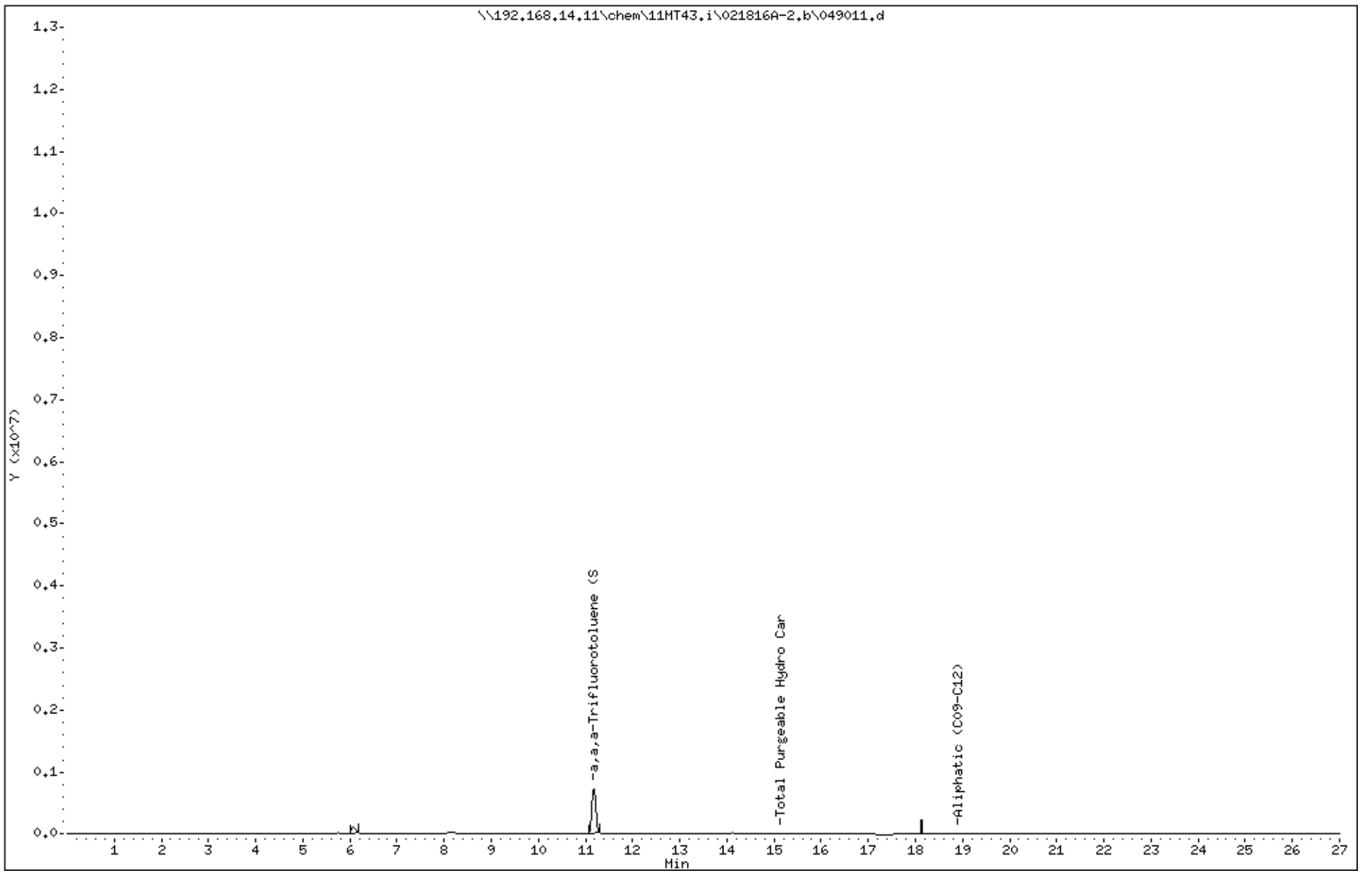




Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	1782934
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	13157280	13157280

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049011.d
Date : 18-FEB-2016 16:21
Client ID: B-7 Instrument: 11MT43.i
Sample Info: 10338261007,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



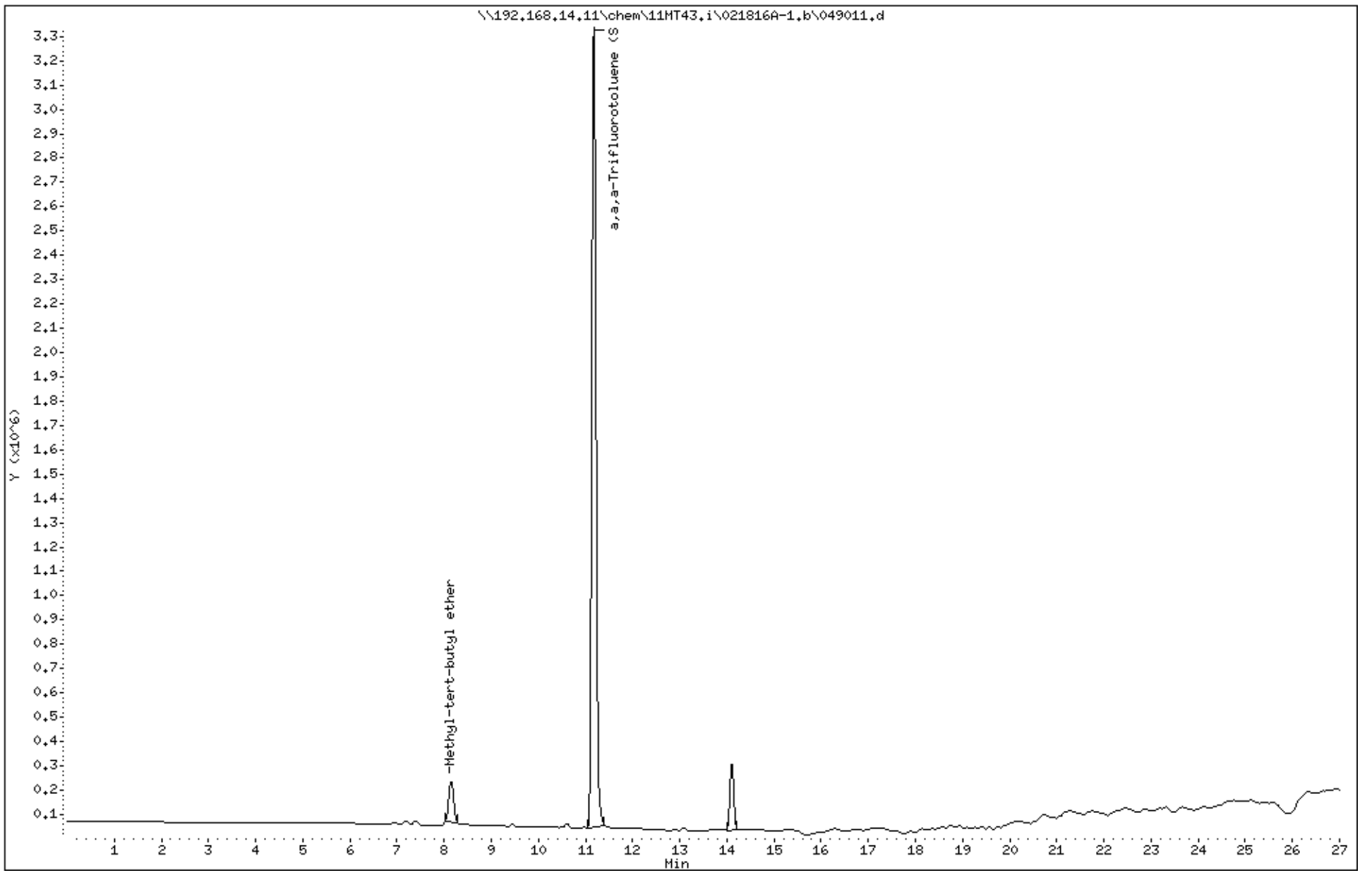
Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049011.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 16:21
Instrument: 11MT43.i
Lab Sample ID: 10338261007

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

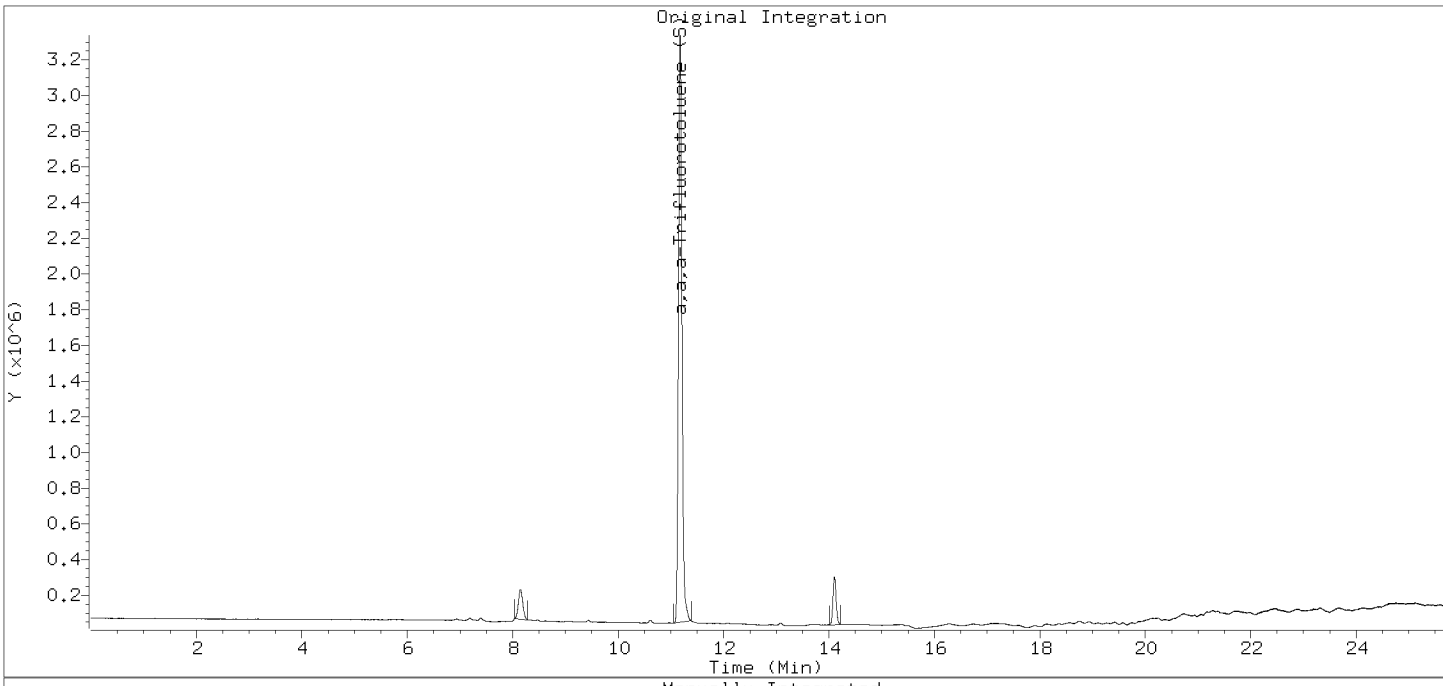
Manually Integrated Compounds

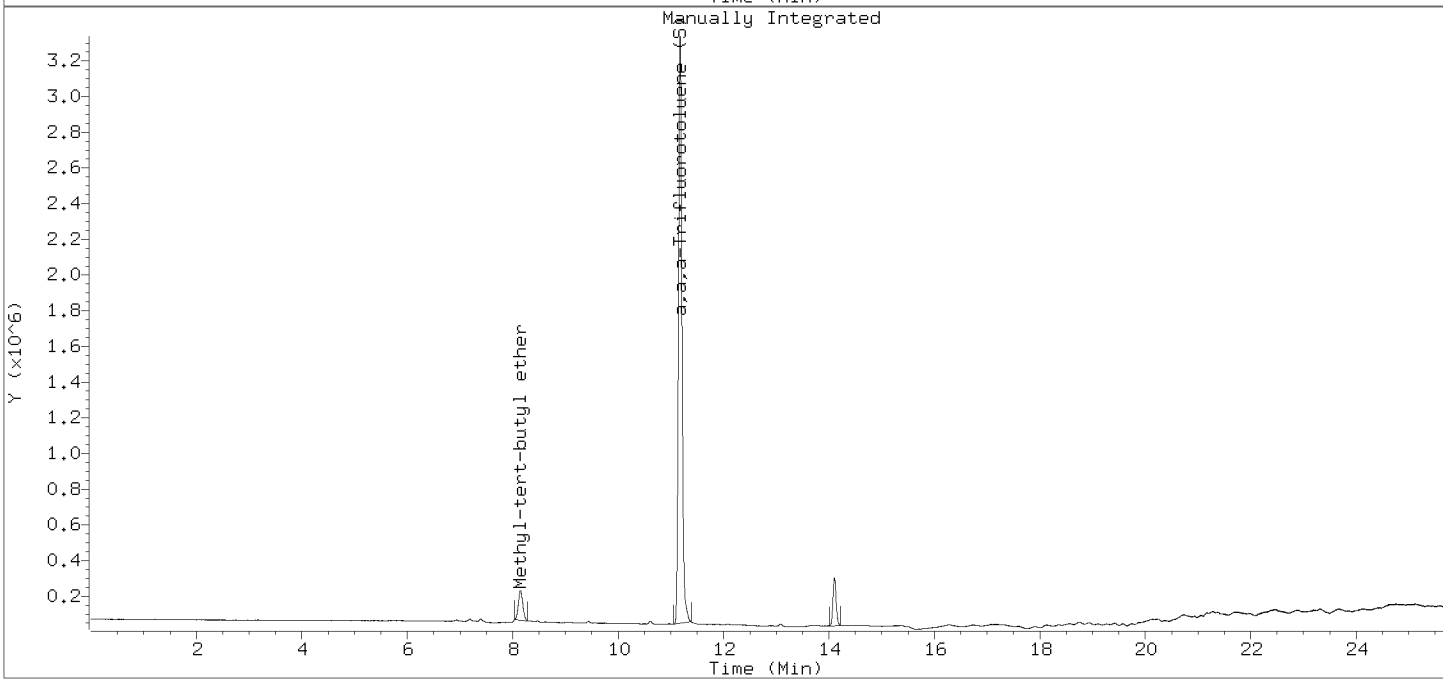
Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	4620	4620
Aliphatic (C09-C12)	4620	4620
a,a,a-Trifluorotoluene (S)	3180667	3180667

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049011.d
Date : 18-FEB-2016 16:21
Client ID: B-7 Instrument: 11MT43.i
Sample Info: 10338261007,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049011.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 16:21
Instrument: 11MT43.i
Lab Sample ID: 10338261007

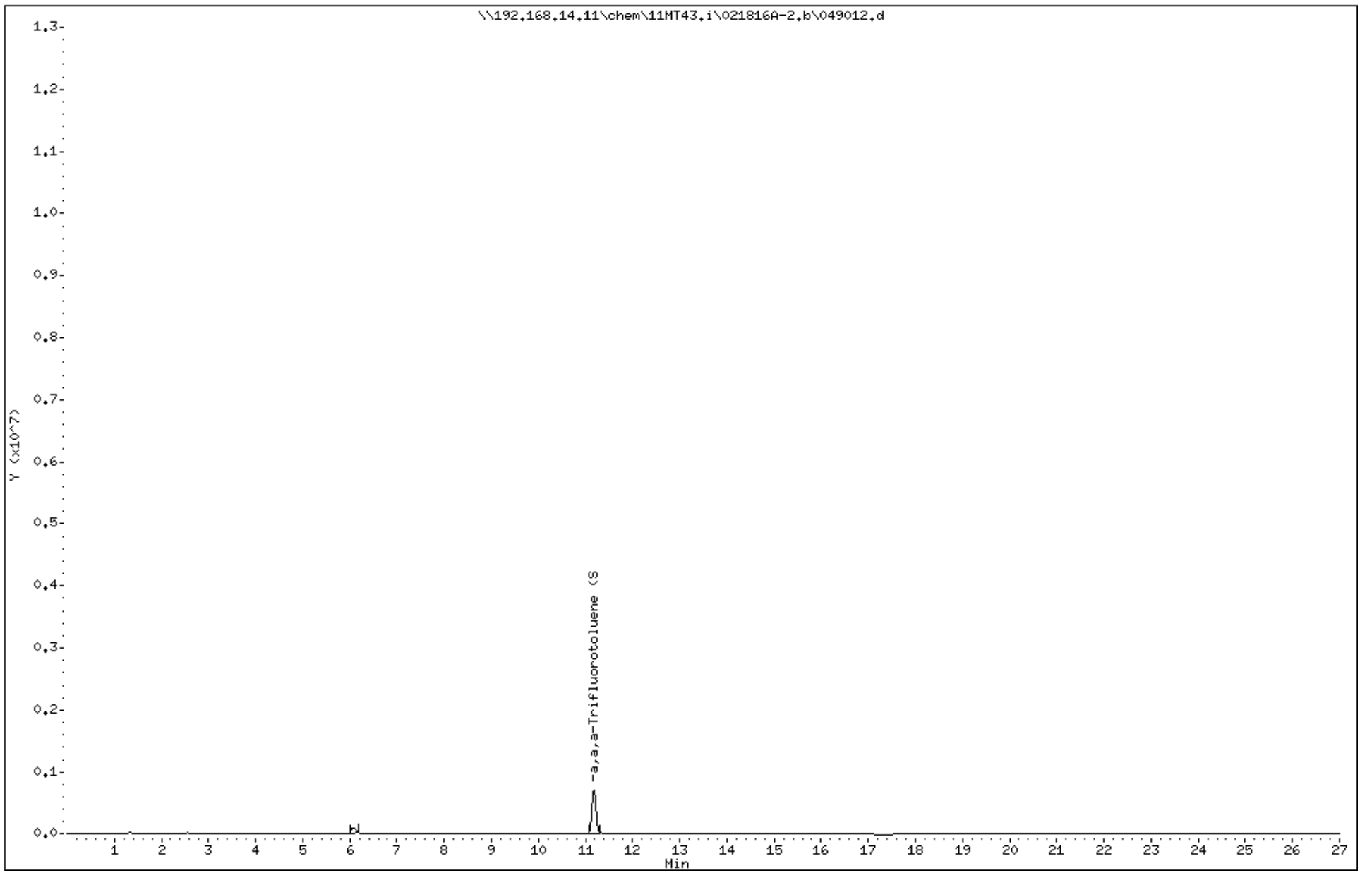




Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	969008
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	15148520	15148520

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049012.d
Date : 18-FEB-2016 16:52
Client ID: B-8 Instrument: 11MT43.i
Sample Info: 10338261008,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



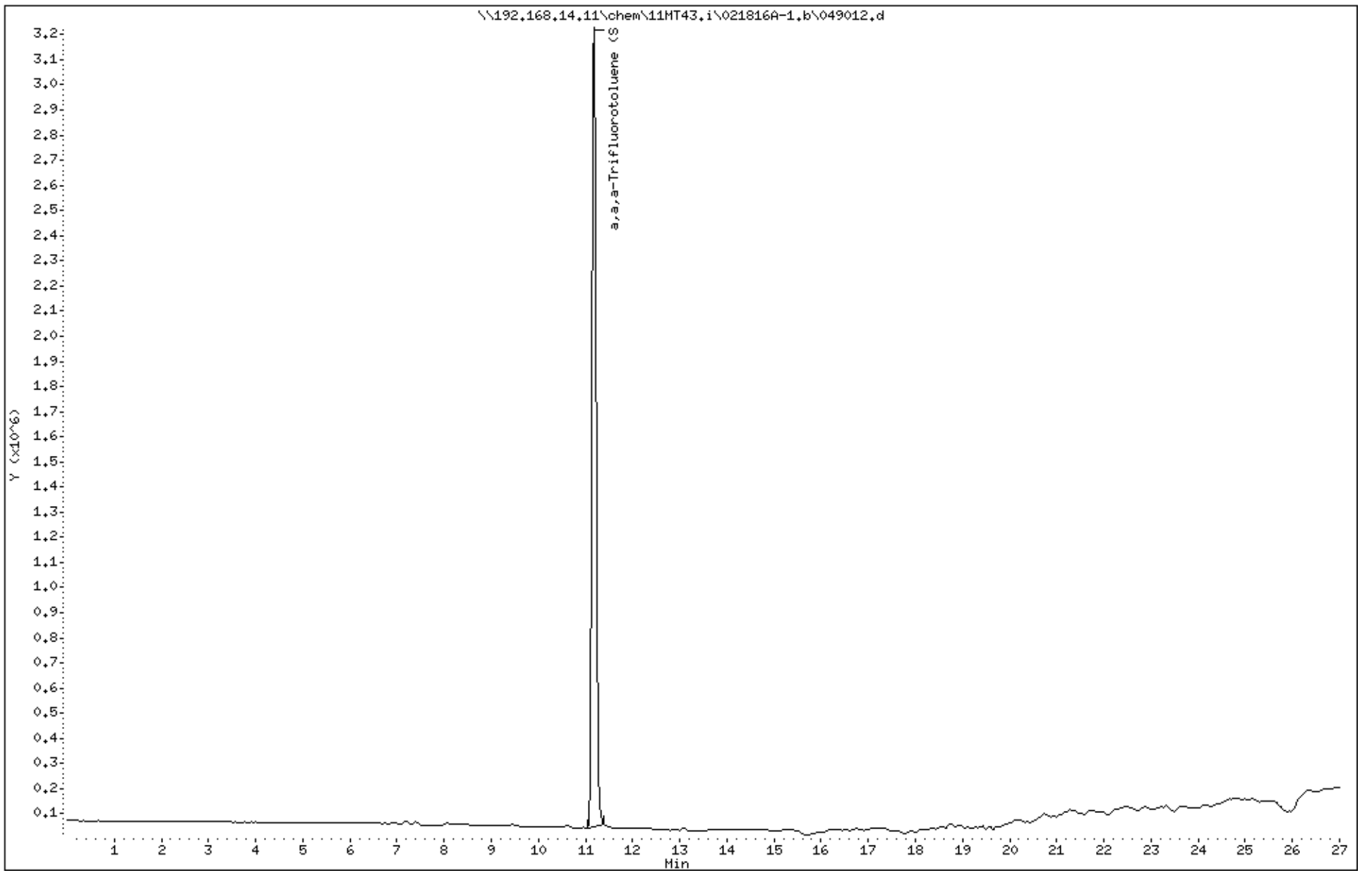
Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049012.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 16:52
Instrument: 11MT43.i
Lab Sample ID: 10338261008

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	3092847	3092847

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049012.d
Date : 18-FEB-2016 16:52
Client ID: B-8 Instrument: 11MT43.i
Sample Info: 10338261008,
Purge Volume: 5.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



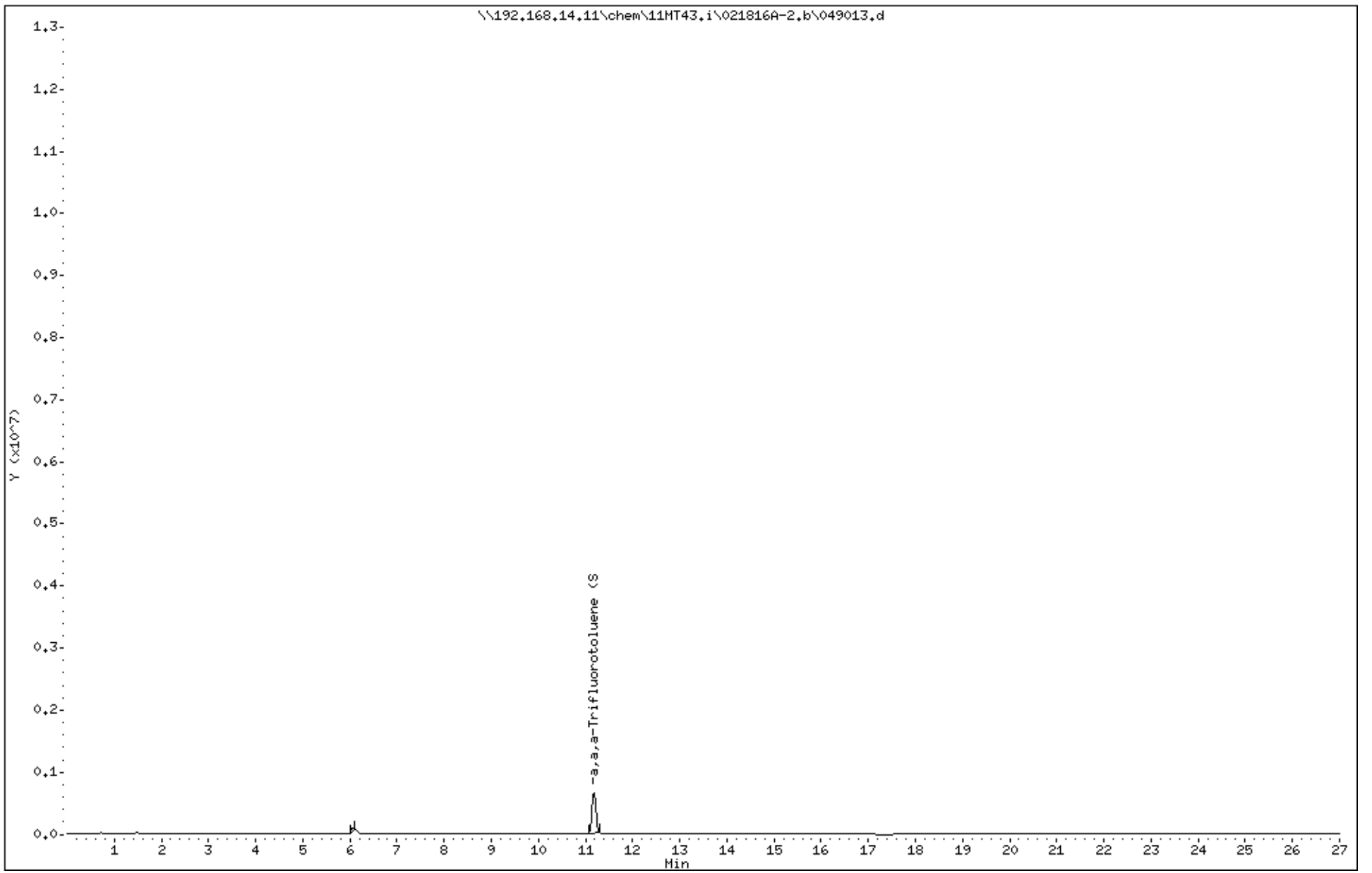
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049012.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 16:52
Instrument: 11MT43.i
Lab Sample ID: 10338261008

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	14611023	14611023

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049013.d
Date : 18-FEB-2016 17:24
Client ID: SS03 Instrument: 11MT43.i
Sample Info: 10338261009,
Volume Injected (uL): 100.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049013.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 17:24
Instrument: 11MT43.i
Lab Sample ID: 10338261009

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	2909379	2909379

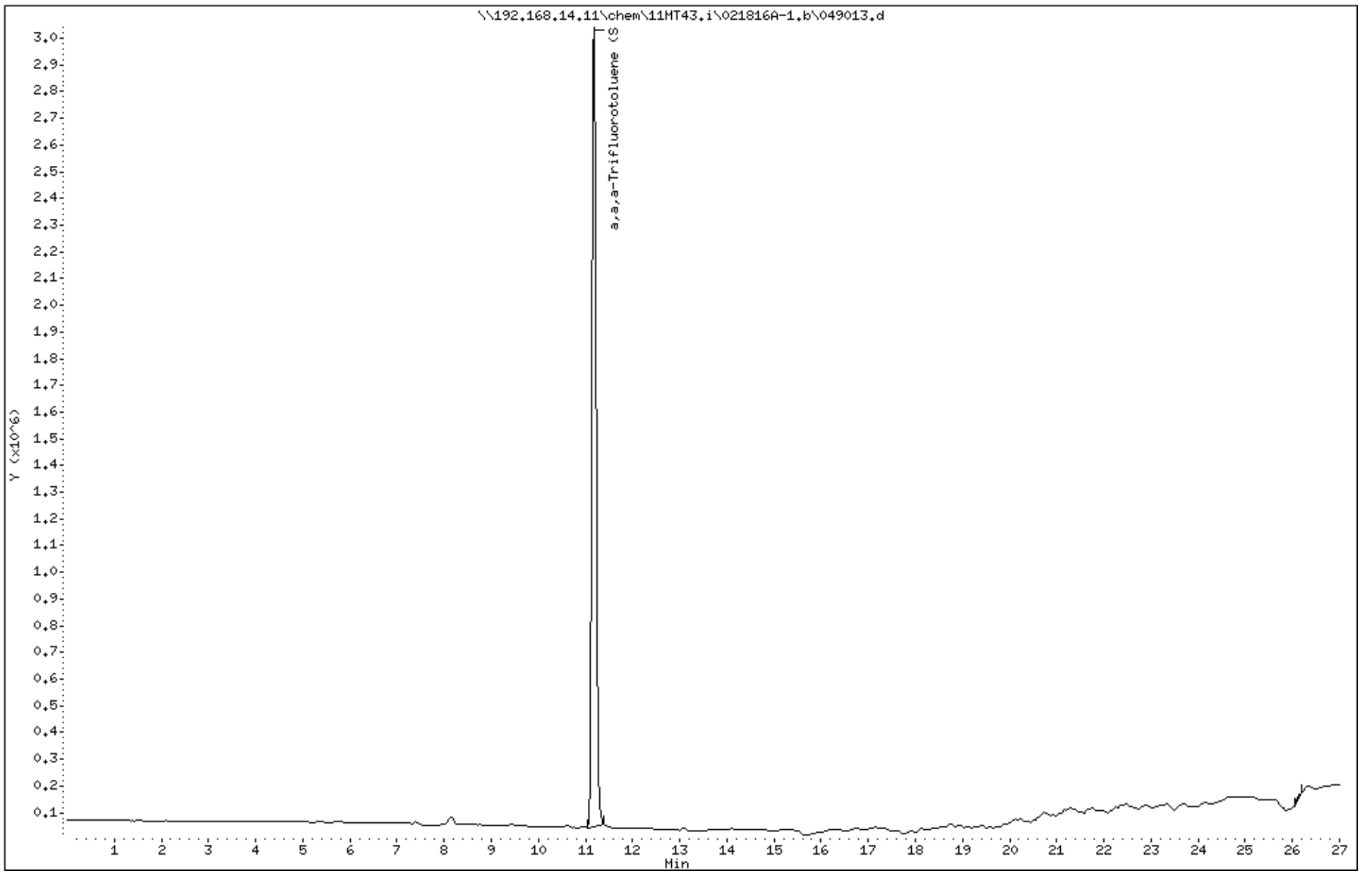
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049013.d
Date : 18-FEB-2016 17:24
Client ID: SS03
Sample Info: 10338261009,

Column phase: DB-502 Film: 3.00nm

Instrument: 11MT43.i

Operator: MAM

Column diameter: 0.53



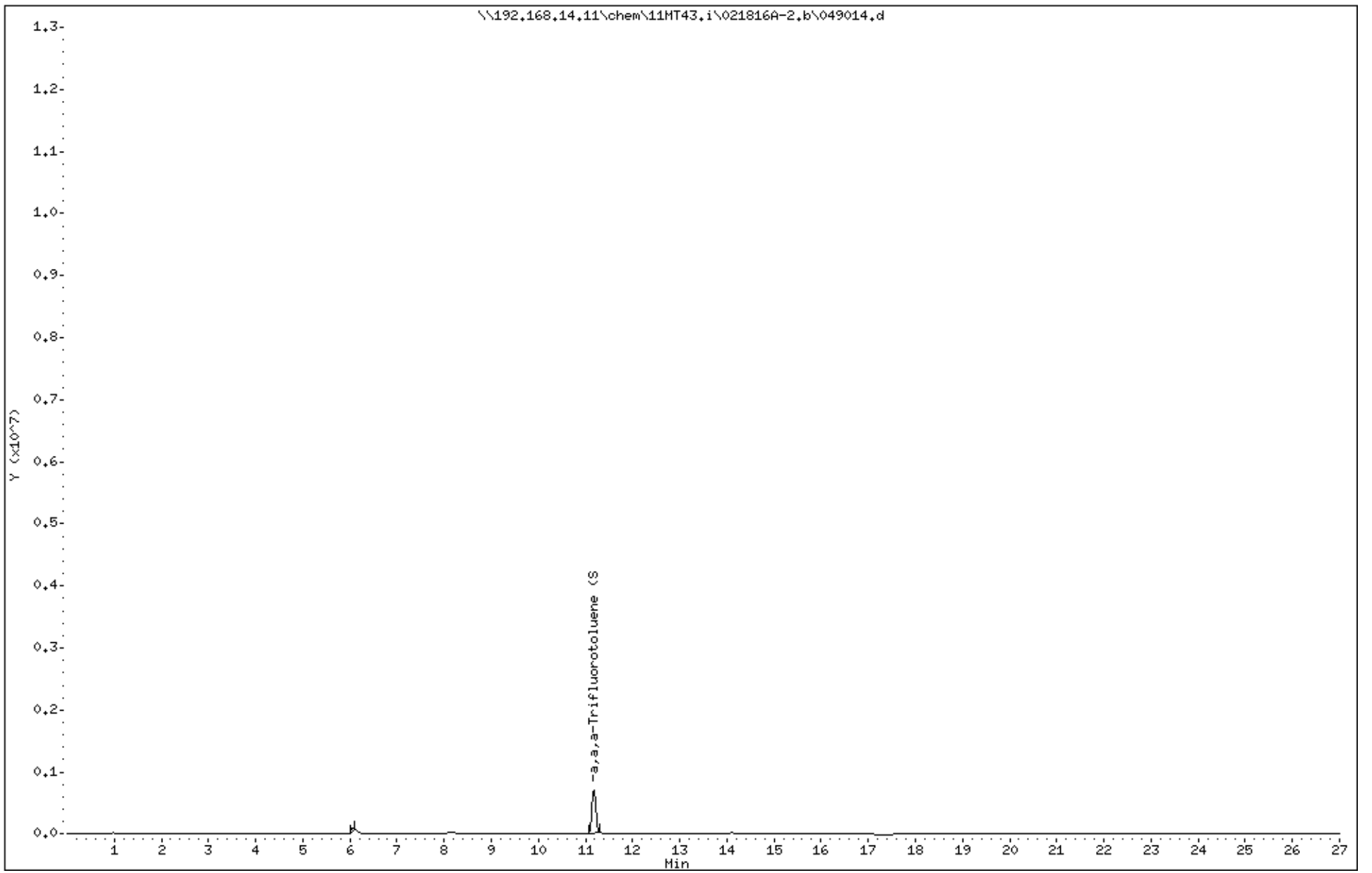
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049013.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 17:24
Instrument: 11MT43.i
Lab Sample ID: 10338328009

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	13804077	13804077

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049014.d
Date : 18-FEB-2016 17:55
Client ID:
Instrument: 11MT43.i
Sample Info: 10338261010,
Purge Volume: 5.0
Operator: MAM
Column phase: DB-502 Film: 3.00nm
Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049014.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 17:55
Instrument: 11MT43.i
Lab Sample ID: 10338261010

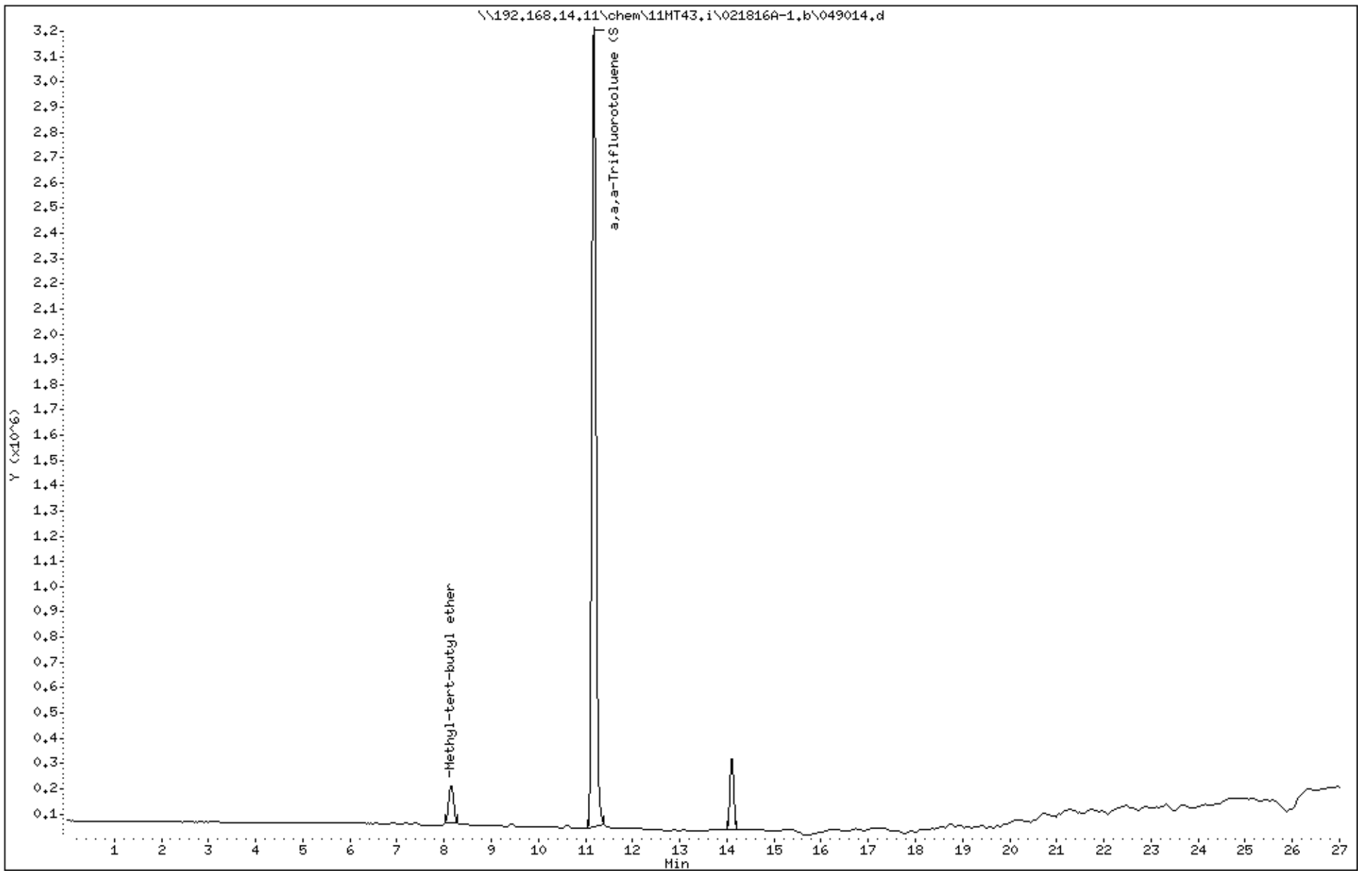
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	3074533	3074533

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049014.d
Date : 18-FEB-2016 17:55
Client ID:
Sample Info: 10338261010,
Purge Volume: 5.0
Column phase: DB-502 Film: 3.00nm

Instrument: 11MT43.i
Operator: MAM
Column diameter: 0.53

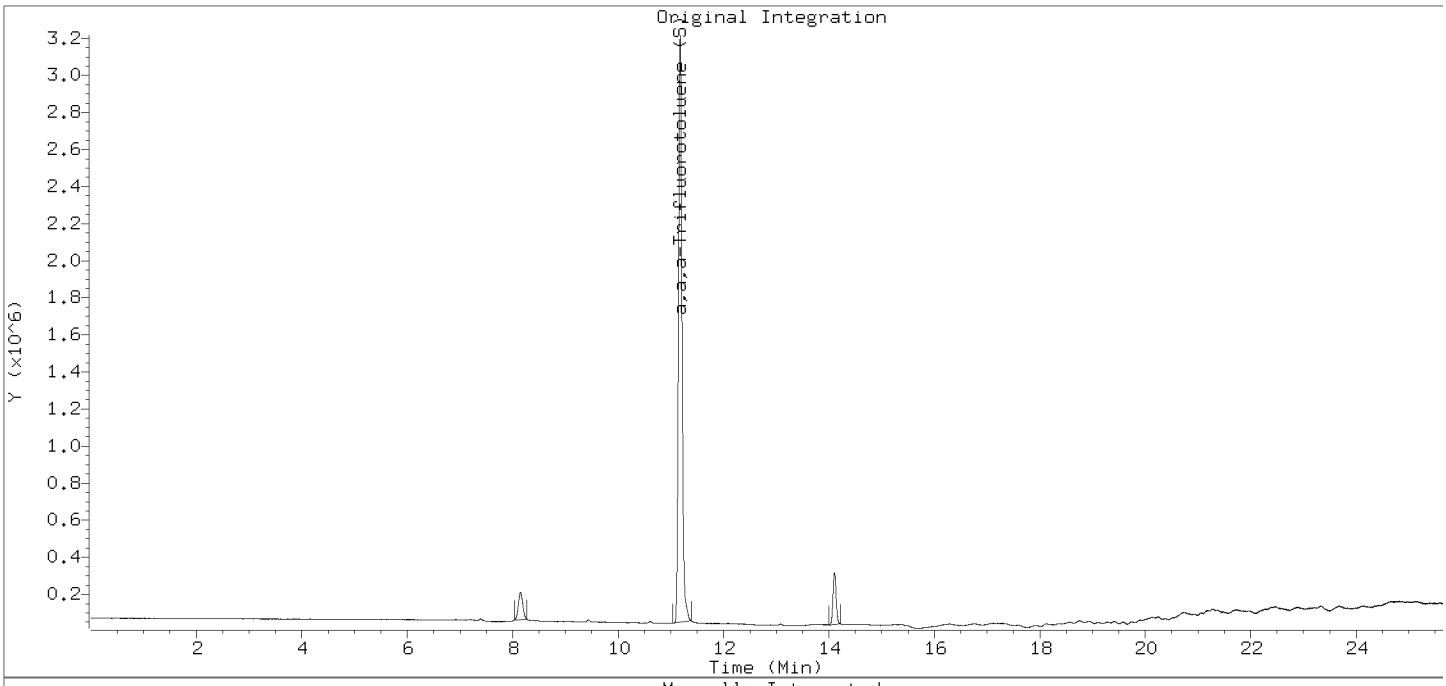


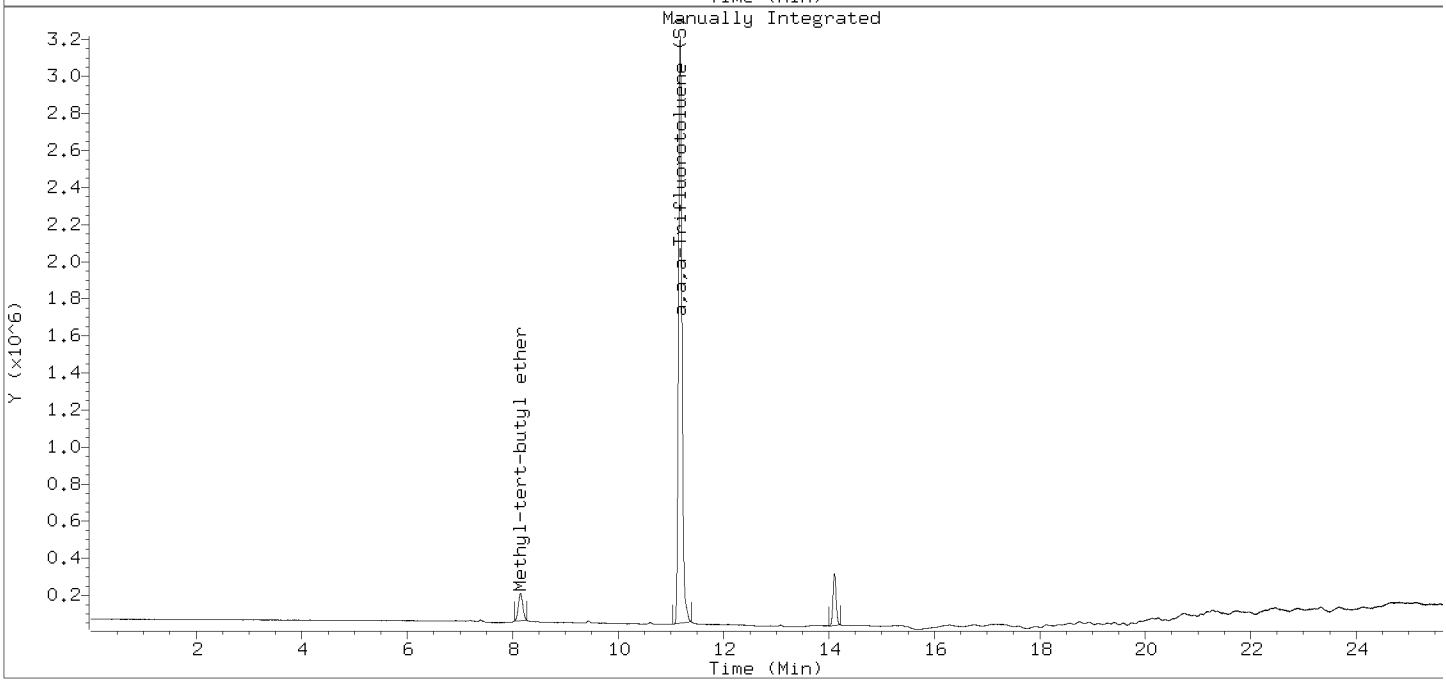
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049014.d (ManInt: all.sub Orig: all.sub)

Injection Date: 18-FEB-2016 17:55

Instrument: 11MT43.i

Lab Sample ID: 10338328010



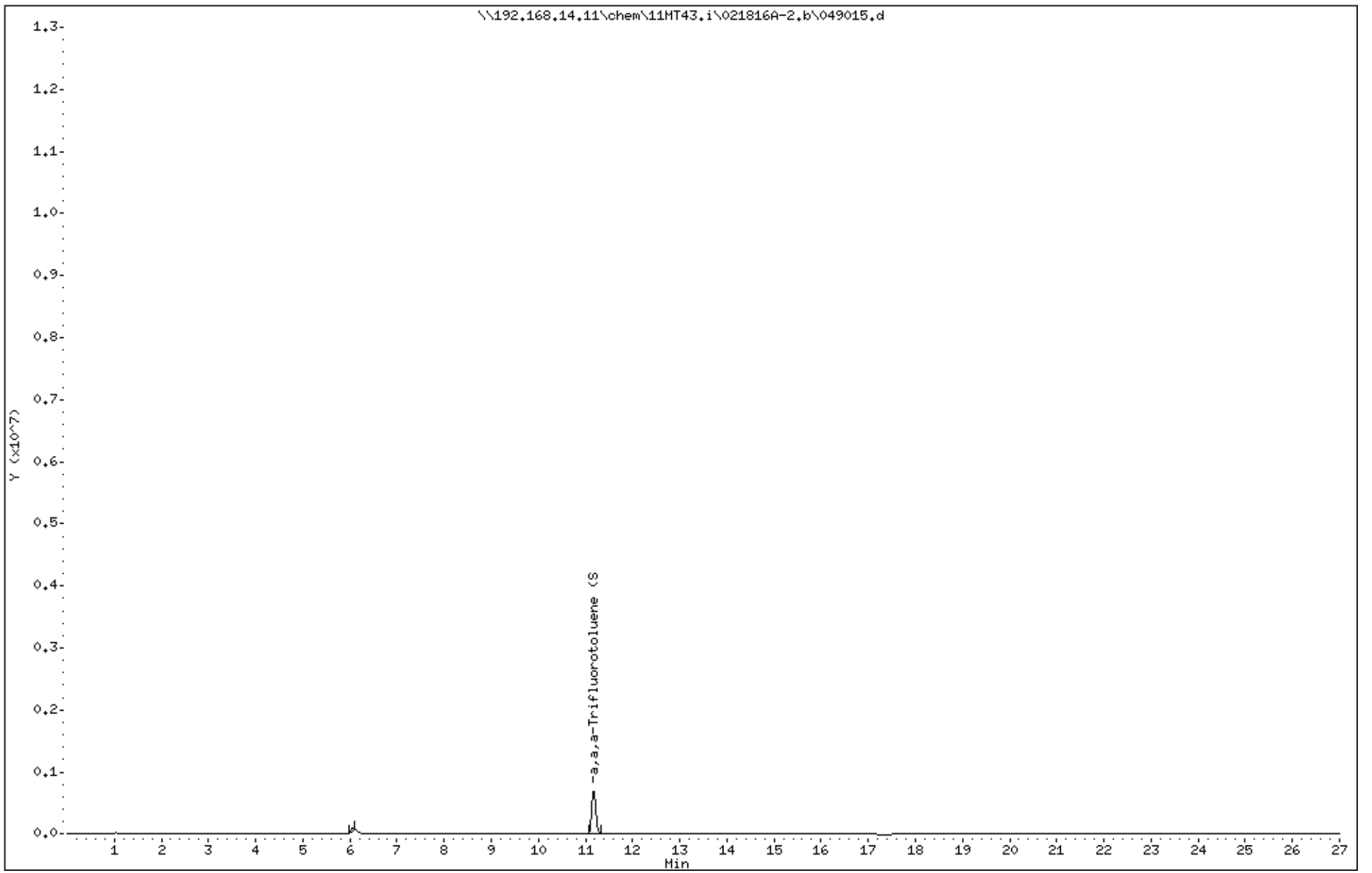


Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	852449
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	14603772	14603772

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049015.d
Date : 18-FEB-2016 18:26
Client ID:
Sample Info: 10338261011,
Purge Volume: 5.0
Column phase: DB-502 Film: 3.00nm

Instrument: 11MT43.i
Operator: MAM
Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049015.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 18:26
Instrument: 11MT43.i
Lab Sample ID: 10338261011

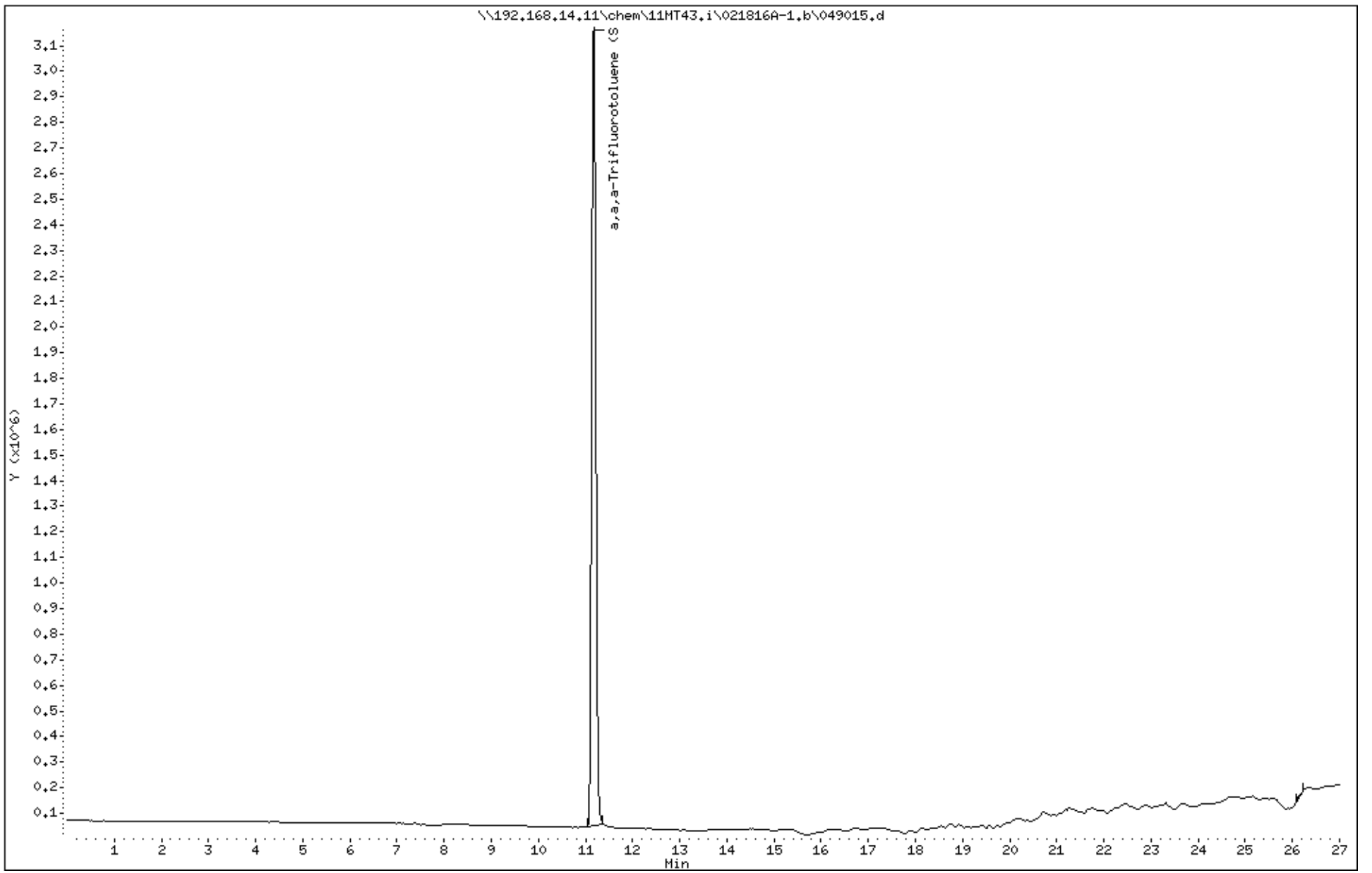
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	3061353	3061353

Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049015.d
Date : 18-FEB-2016 18:26
Client ID:
Sample Info: 10338261011,
Purge Volume: 5.0
Column phase: DB-502 Film: 3.00nm

Instrument: 11MT43.i
Operator: MAM
Column diameter: 0.53



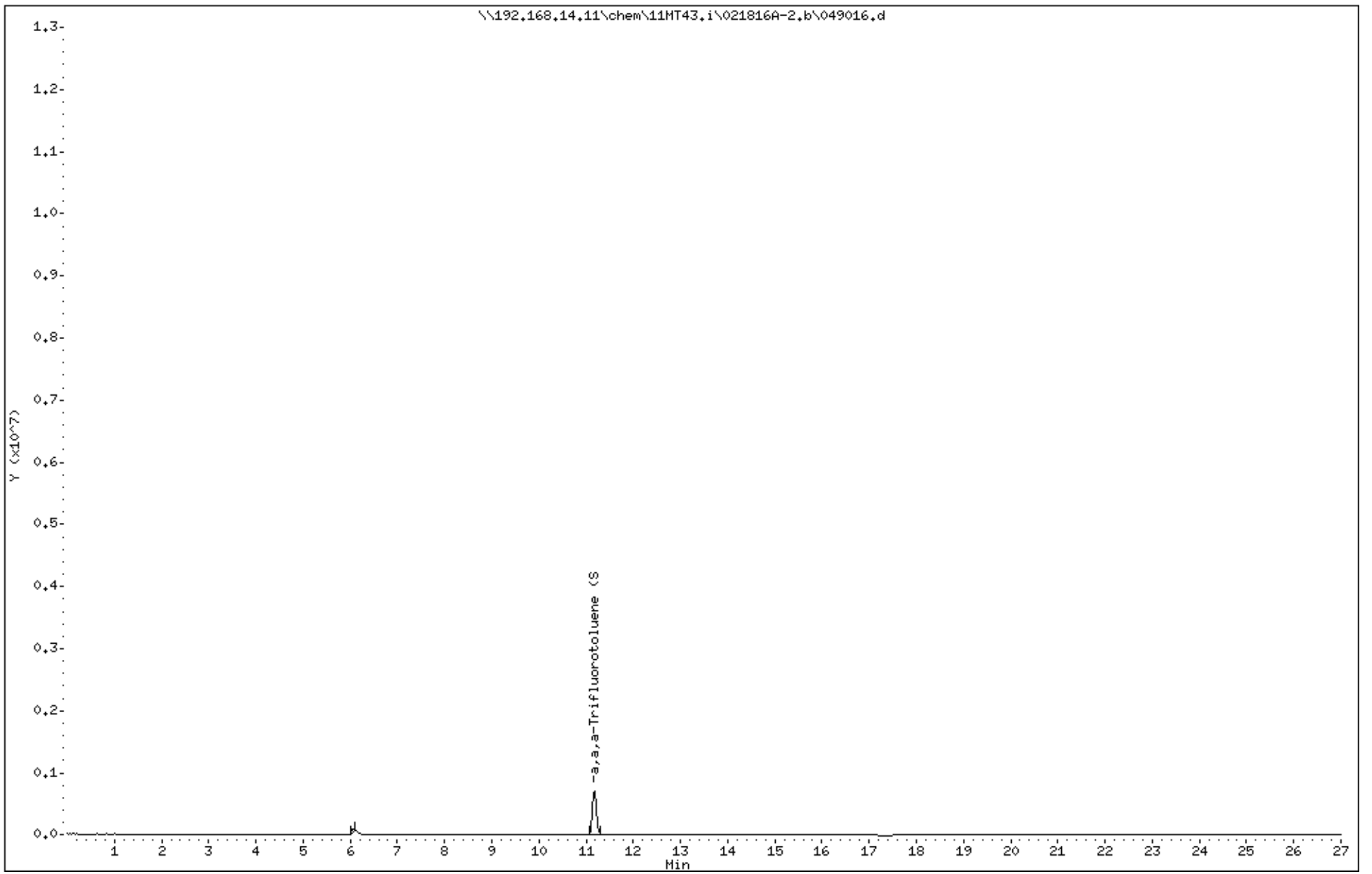
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049015.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 18:26
Instrument: 11MT43.i
Lab Sample ID: 10338261011

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	14252583	14252583

Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b\049016.d
Date : 18-FEB-2016 18:57
Client ID: SB01-001 Instrument: 11MT43.i
Sample Info: 10338261012,
Volume Injected (uL): 100.0 Operator: MAM
Column phase: DB-502 Film: 3.00nm Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-2.b/049016.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 18:57
Instrument: 11MT43.i
Lab Sample ID: 10338261012

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Aliphatic (C05-C08)	0	0
Total Purgeable Hydro Carbons	0	0
Aliphatic (C09-C12)	0	0
a,a,a-Trifluorotoluene (S)	3068345	3068345

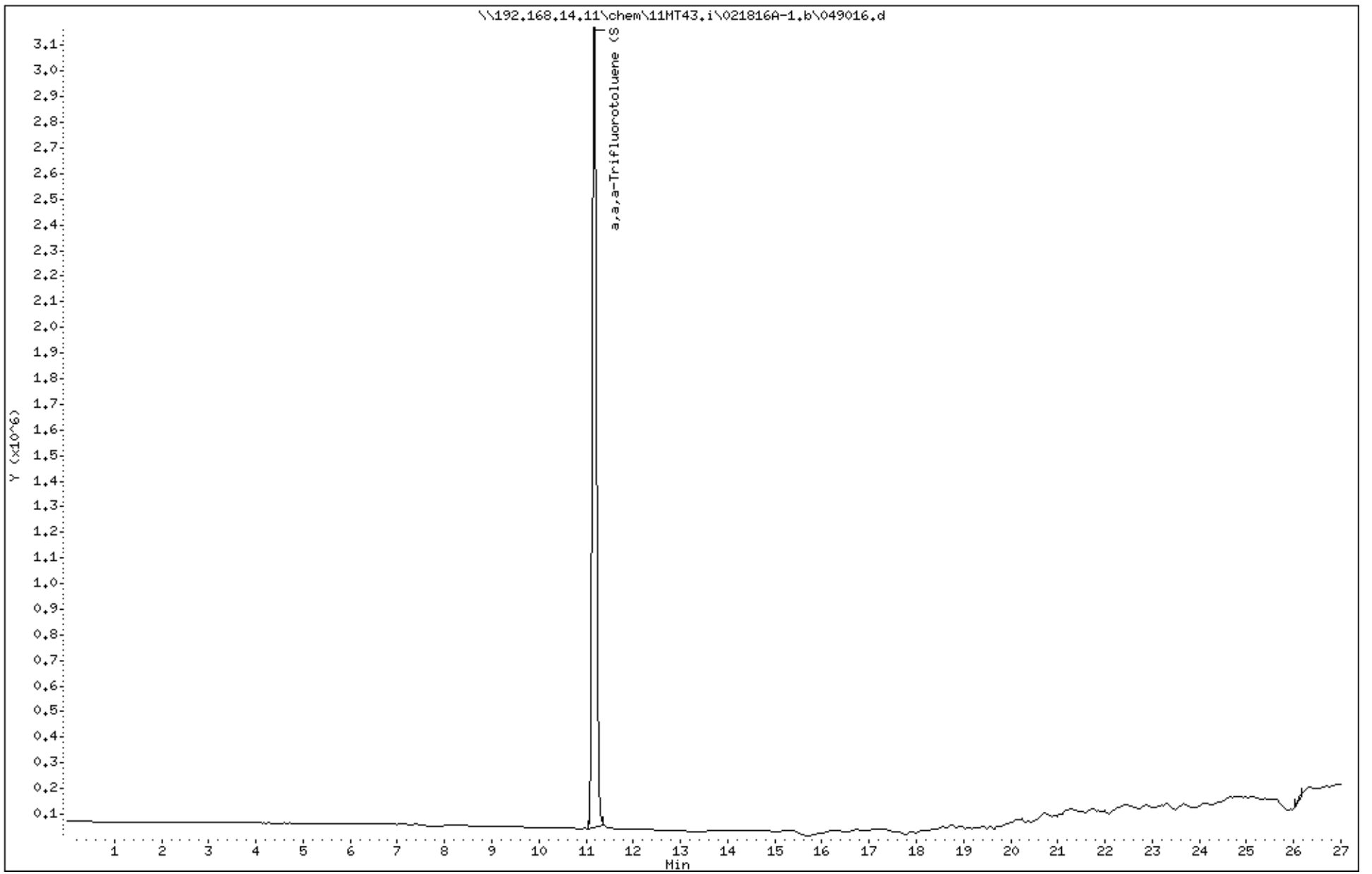
Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b\049016.d
Date : 18-FEB-2016 18:57
Client ID: SB01-001
Sample Info: 10338261012,

Instrument: 11MT43.i

Operator: MAM

Column phase: DB-502 Film: 3.00nm

Column diameter: 0.53



Data File: \\192.168.14.11\chem\11MT43.i\021816A-1.b/049016.d (ManInt: all.sub Orig: all.sub)
Injection Date: 18-FEB-2016 18:57
Instrument: 11MT43.i
Lab Sample ID: 10338261012

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Benzene	0	0
Toluene	0	0
Ethylbenzene	0	0
m&p-Xylene	0	0
o-Xylene	0	0
Methyl-tert-butyl ether	0	0
Naphthalene	0	0
Aromatic (C09-C10)	0	0
a,a,a-Trifluorotoluene (S)	14297268	14297268

SAMPLE NO.

GCSV - FORM VII SVOA-1
GCSV INITIAL CALIBRATION DATA

14310833ICV

Lab Name: Pace Analytical - Montana
Calibration Date: 01/04/2016 Time: 18:28
Instrument ID: 11MT78 GC Column: Col 1
Init. Calib. Date(s): 01/04/2016 01/04/2016
Lab File ID: 010516A.B\005016R000009.D
Init. Calib. Time(s): 15:13 17:56
SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Extractable Hydrocarbons	Averaged	66528.73	70367.60	0.0100	5.7702	25.0000
Aliphatic (C09-C18)	Averaged	63476.58	67949.35	0.0100	7.0463	25.0000
Aliphatic (C19-C36)	Averaged	68817.85	72181.28	0.0100	4.8874	25.0000
1-Chloro-octadecane (S)	Averaged	59258.37	58088.52	0.0100	-1.9742	25.0000
o-Terphenyl (S)	Averaged	75715.07	74550.94	0.0100	-1.5375	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14489550CCV

GCSV - FORM VII SVOA-1
GCSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/19/2016 Time: 17:58

Instrument ID: 11MT78 GC Column: Col 1
Init. Calib. Date(s): 10/07/2015 10/07/2015

Lab File ID: 021916A.B\050016F000009.D
Init. Calib. Time(s): 17:30 20:13

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Extractable Hydrocarbons	Linear	1400	1327.206	0.0100	-5.1995	25.0000
Aliphatic (C09-C18)	Linear	600	565.9638	0.0100	-5.6727	25.0000
Aliphatic (C19-C36)	Linear	800	761.2425	0.0100	-4.8447	25.0000
1-Chloro-octadecane (S)	Averaged	90980.54	83026.27	0.0100	-8.7428	25.0000
o-Terphenyl (S)	Averaged	115238.3	104829.5	0.0100	-9.0324	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14489552CCV

GCSV - FORM VII SVOA-1
GCSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/20/2016 Time: 04:18

Instrument ID: 11MT78 GC Column: Col 1
Init. Calib. Date(s): 10/07/2015 10/07/2015

Lab File ID: 021916A.B\050016F000028.D
Init. Calib. Time(s): 17:30 20:13

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Extractable Hydrocarbons	Linear	1400	1272.985	0.0100	-9.0724	25.0000
Aliphatic (C09-C18)	Linear	600	538.6687	0.0100	-10.2219	25.0000
Aliphatic (C19-C36)	Linear	800	734.3170	0.0100	-8.2104	25.0000
1-Chloro-octadecane (S)	Averaged	90980.54	79686.72	0.0100	-12.4134	25.0000
o-Terphenyl (S)	Averaged	115238.3	100303.0	0.0100	-12.9603	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14489551CCV

GCSV - FORM VII SVOA-1
GCSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/20/2016 Time: 11:40

Instrument ID: 11MT78 GC Column: Col 1
Init. Calib. Date(s): 10/07/2015 10/07/2015

Lab File ID: 021916A.B\050016F000038.D
Init. Calib. Time(s): 17:30 20:13

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Extractable Hydrocarbons	Linear	1400	1301.891	0.0100	-7.0077	25.0000
Aliphatic (C09-C18)	Linear	600	553.7517	0.0100	-7.7080	25.0000
Aliphatic (C19-C36)	Linear	800	748.1398	0.0100	-6.4825	25.0000
1-Chloro-octadecane (S)	Averaged	90980.54	81350.94	0.0100	-10.5842	25.0000
o-Terphenyl (S)	Averaged	115238.3	102546.7	0.0100	-11.0133	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

14489619CCV

GCSV - FORM VII SVOA-1
GCSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Montana
Calibration Date: 02/20/2016 Time: 21:27

Instrument ID: 11MT78 GC Column: Col 1
Init. Calib. Date(s): 10/07/2015 10/07/2015

Lab File ID: 021916A.B\050016F000056.D
Init. Calib. Time(s): 17:30 20:13

SDG No.: 10338261

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Total Extractable Hydrocarbons	Linear	1400	1313.692	0.0100	-6.1648	25.0000
Aliphatic (C09-C18)	Linear	600	560.3156	0.0100	-6.6141	25.0000
Aliphatic (C19-C36)	Linear	800	753.3768	0.0100	-5.8279	25.0000
1-Chloro-octadecane (S)	Averaged	90980.54	81384.44	0.0100	-10.5474	25.0000
o-Terphenyl (S)	Averaged	115238.3	102741.8	0.0100	-10.8441	25.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000039.D

Page 2

Date : 20-FEB-2016 12:13

Client ID:

Instrument: 11MT78.i

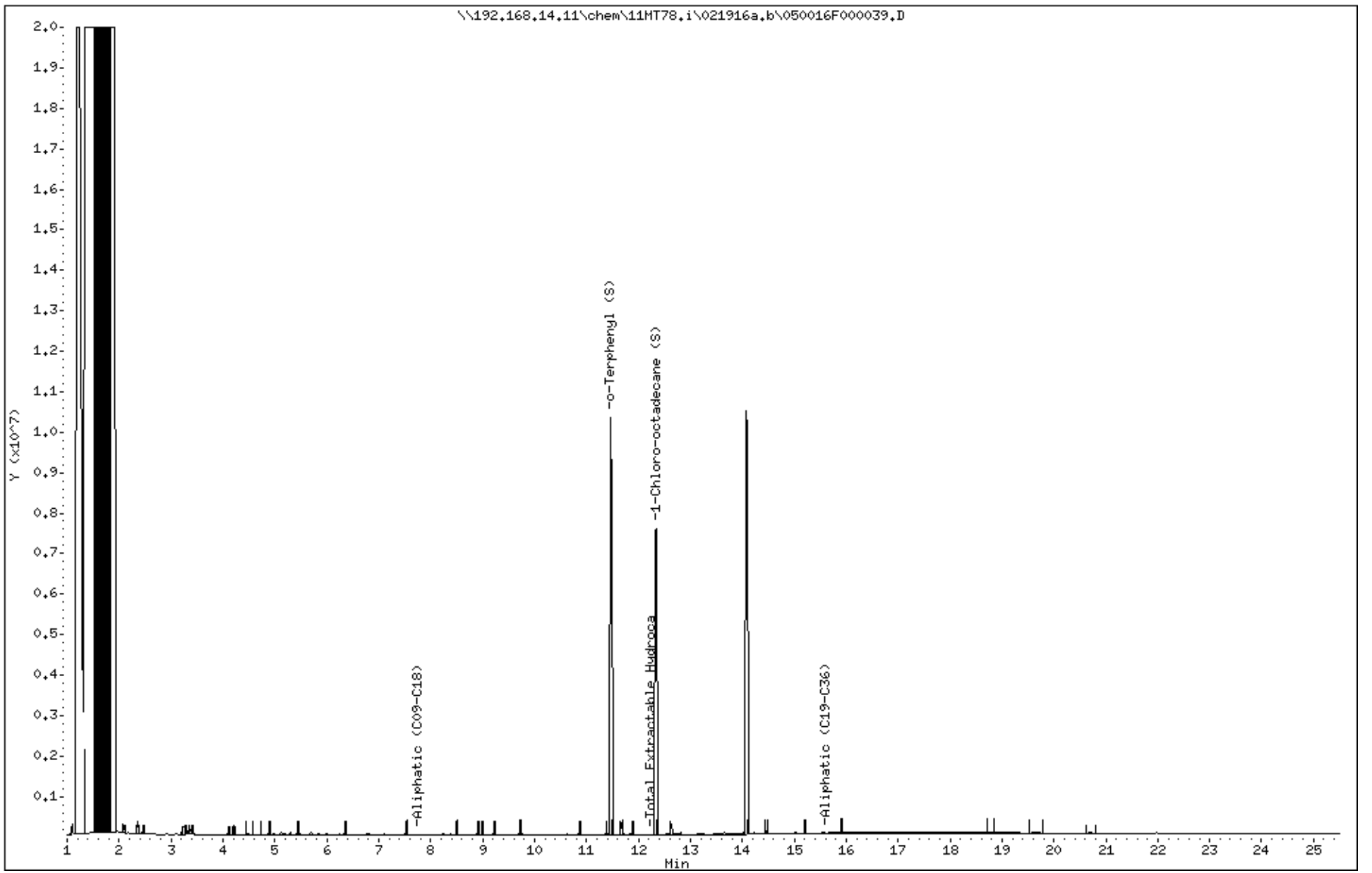
Sample Info: 10338261001,2

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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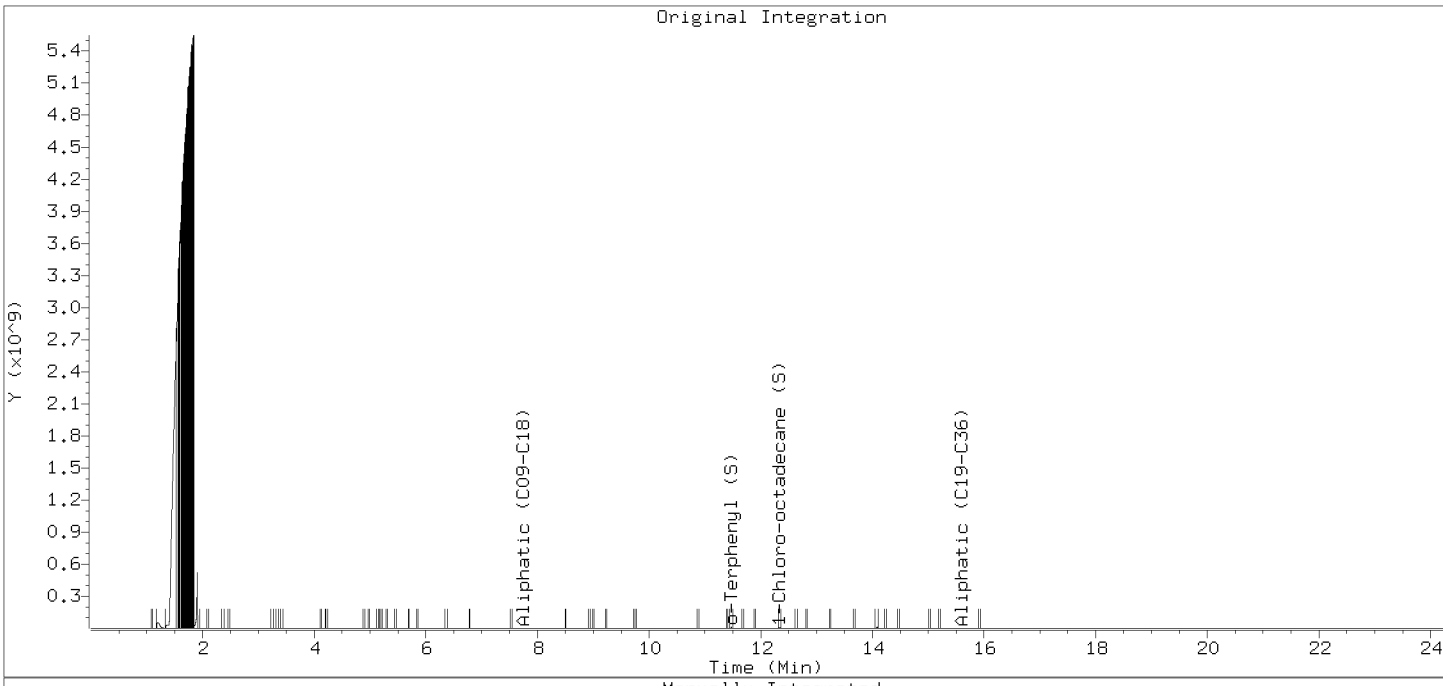
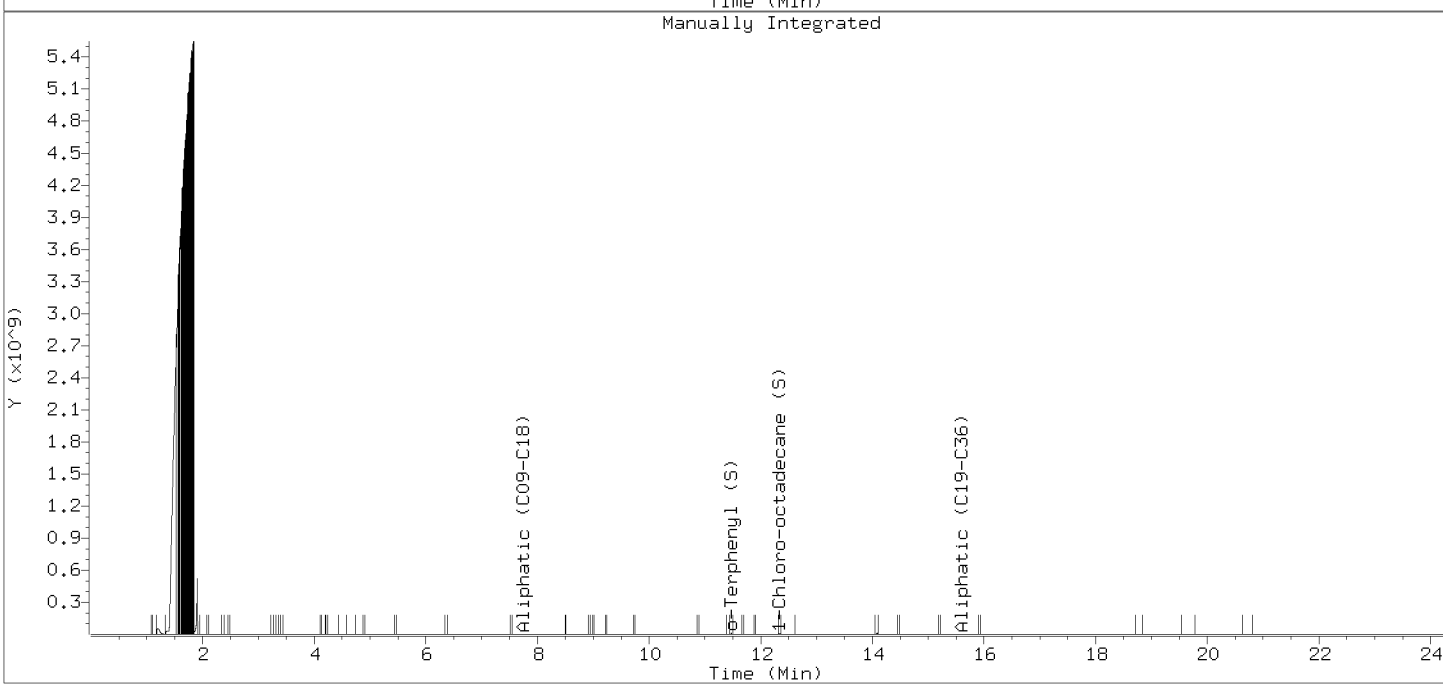
Instrument: 11MT78.i
Lab Sample ID: 10338261001





Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	10769071	16520968
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	10769071	16520968
1-Chloro-octadecane (S)	6979074	7009659
o-Terphenyl (S)	8692881	8711924

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000040.D

Page 2

Date : 20-FEB-2016 12:45

Client ID:

Instrument: 11MT78.i

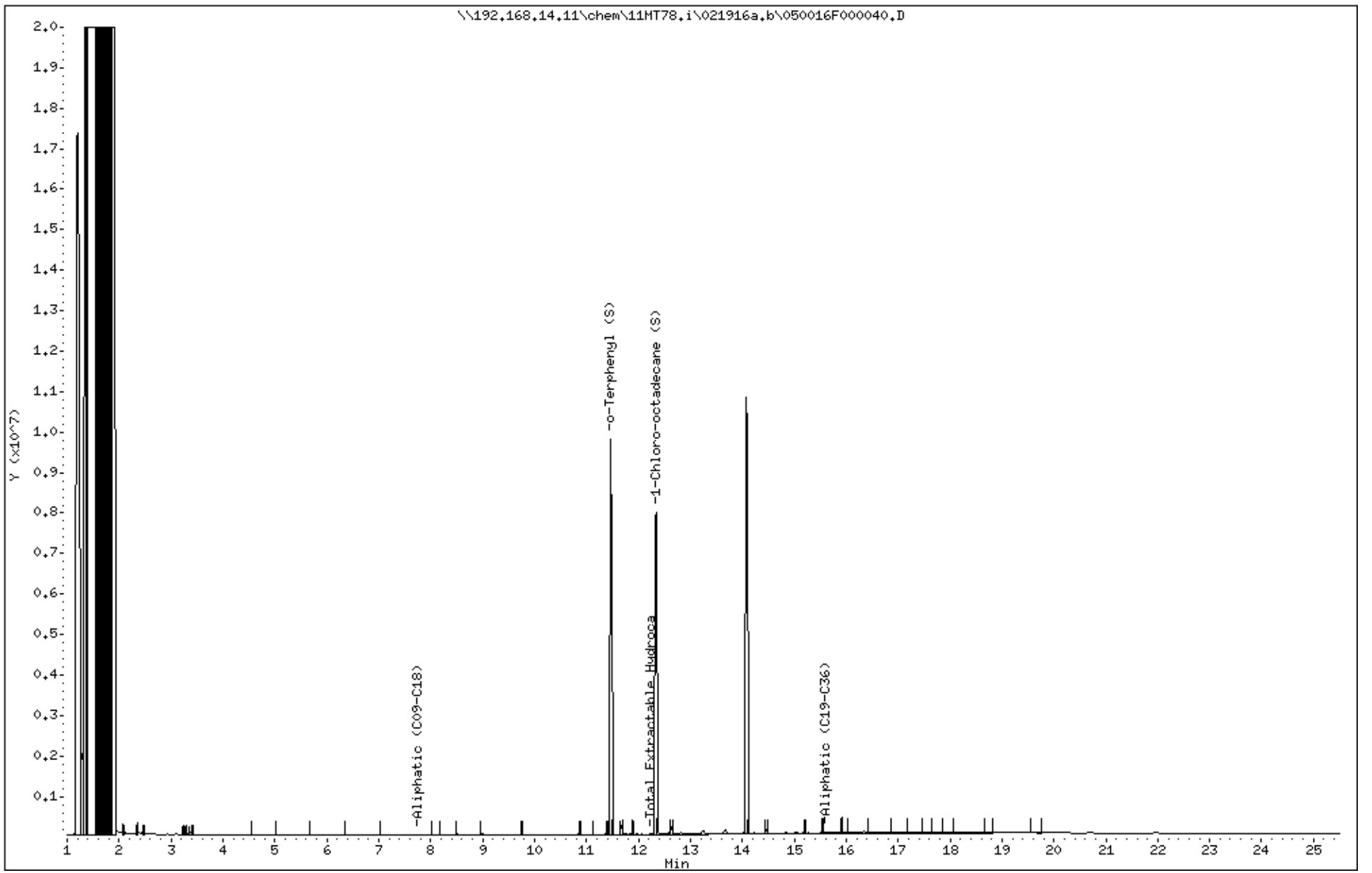
Sample Info: 10338261002,2

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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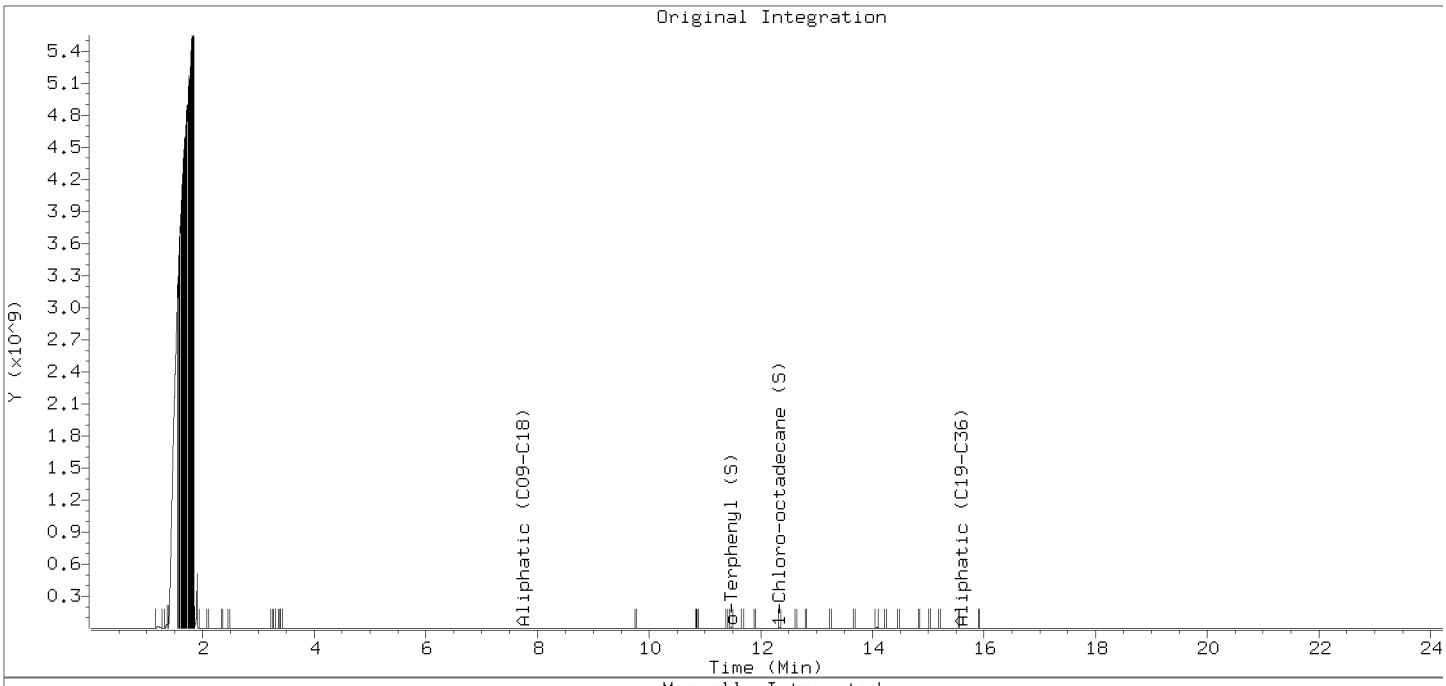
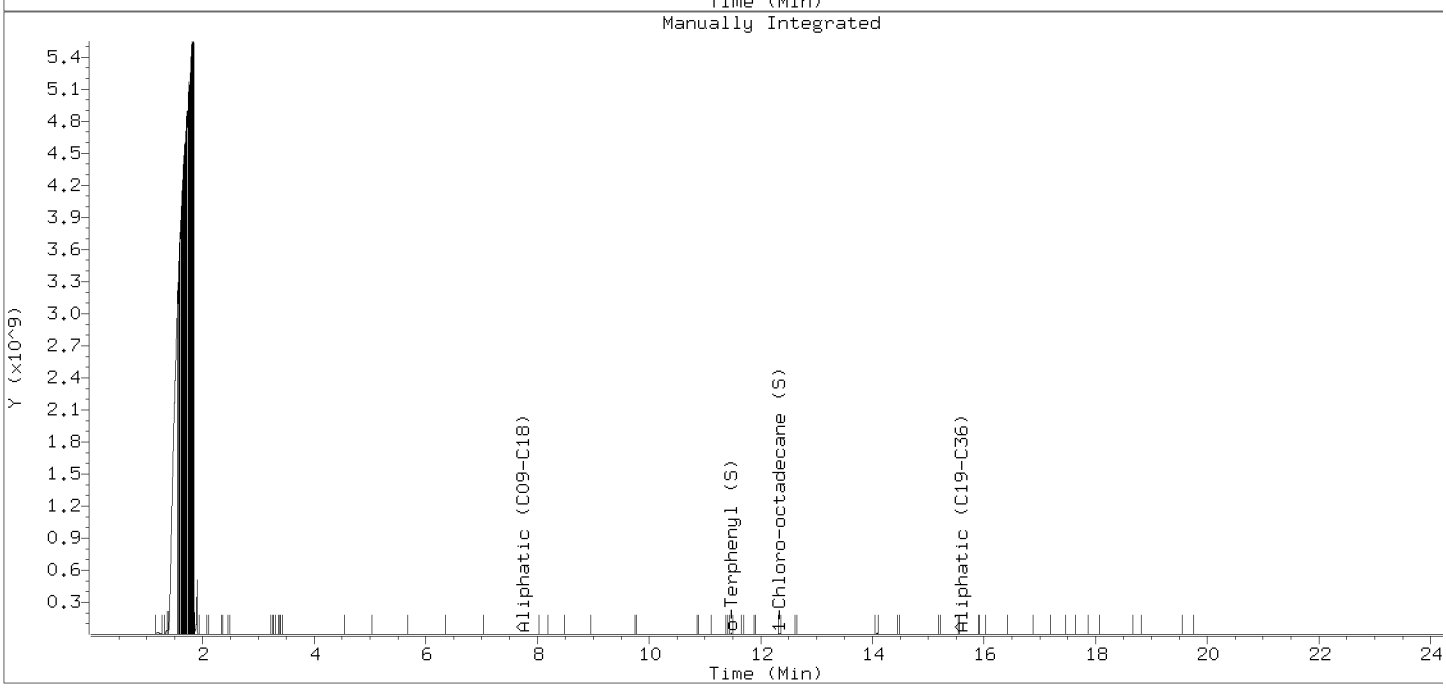
Instrument: 11MT78.i
Lab Sample ID: 10338261002





Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	11215345	15123023
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	11215345	15123023
1-Chloro-octadecane (S)	7162107	7207087
o-Terphenyl (S)	8643783	8667564

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000041.D

Date : 20-FEB-2016 13:18

Client ID:

Instrument: 11MT78.i

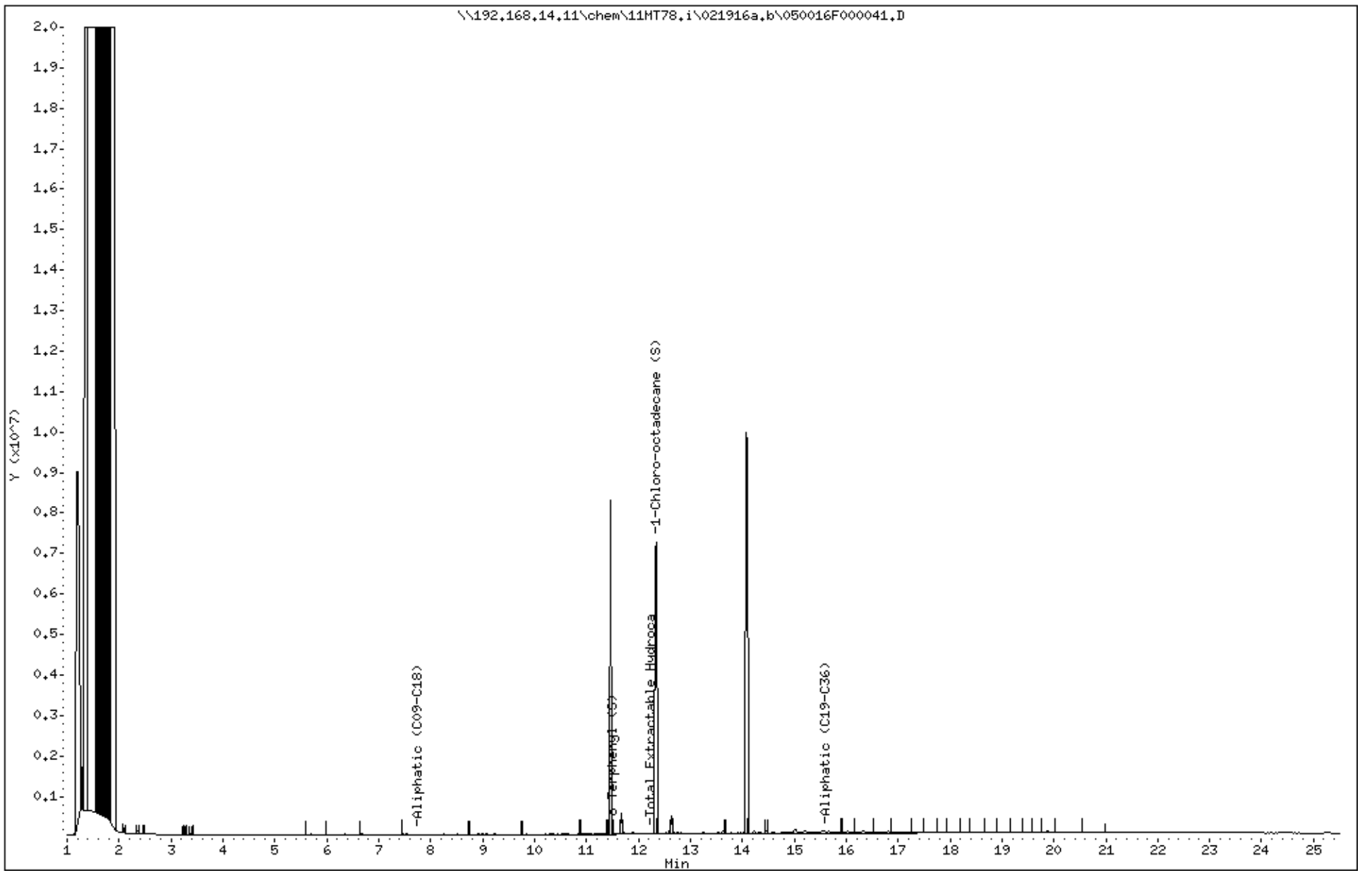
Sample Info: 10338261003,2

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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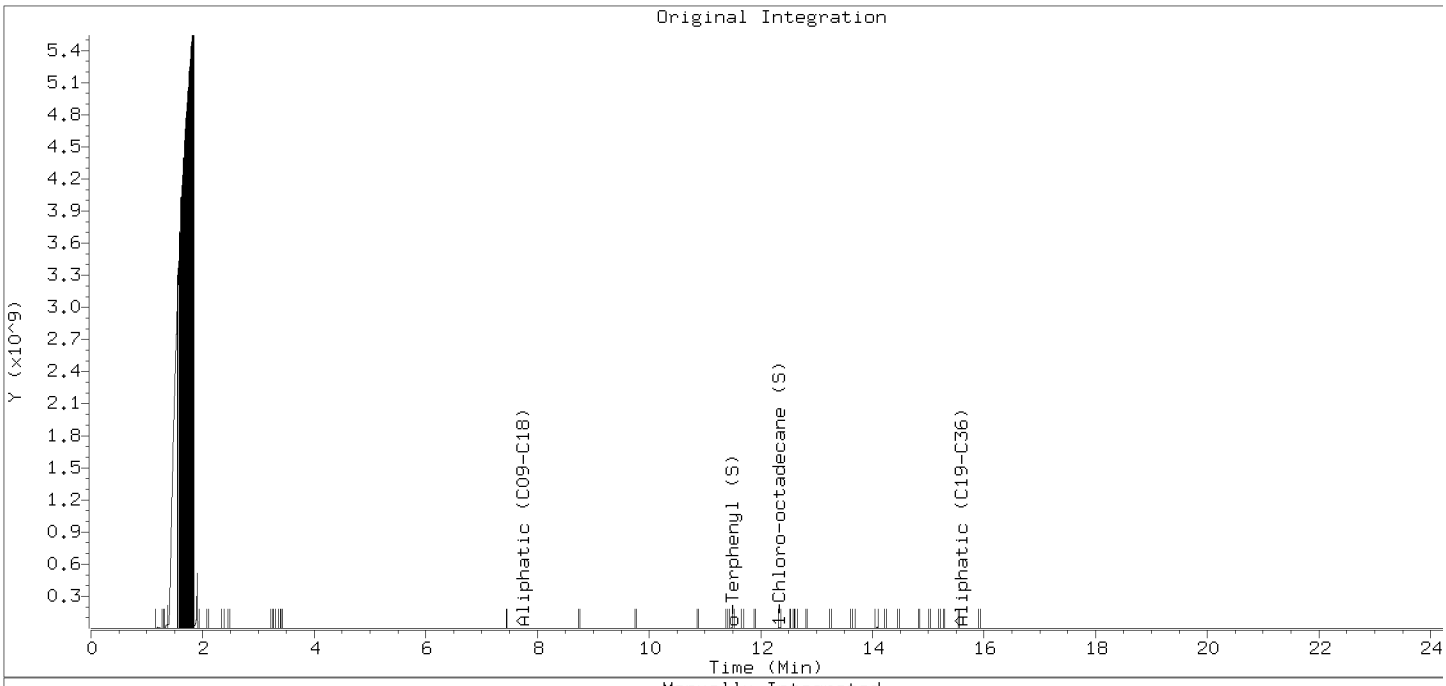
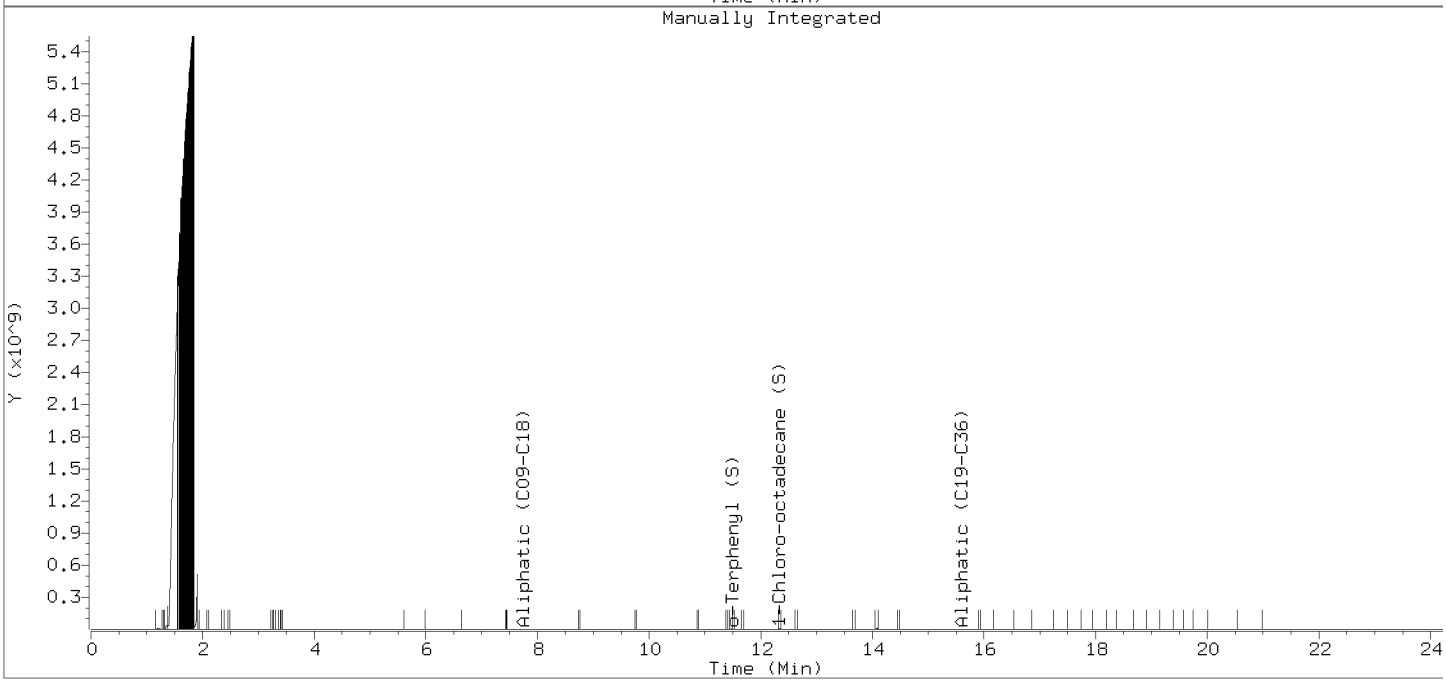
Instrument: 11MT78.i
Lab Sample ID: 10338261003





Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	17869759	26170133
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	17869759	26170133
1-Chloro-octadecane (S)	6282756	6338618
o-Terphenyl (S)	26076	42403

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000042.D

Date : 20-FEB-2016 13:51

Client ID:

Instrument: 11MT78.i

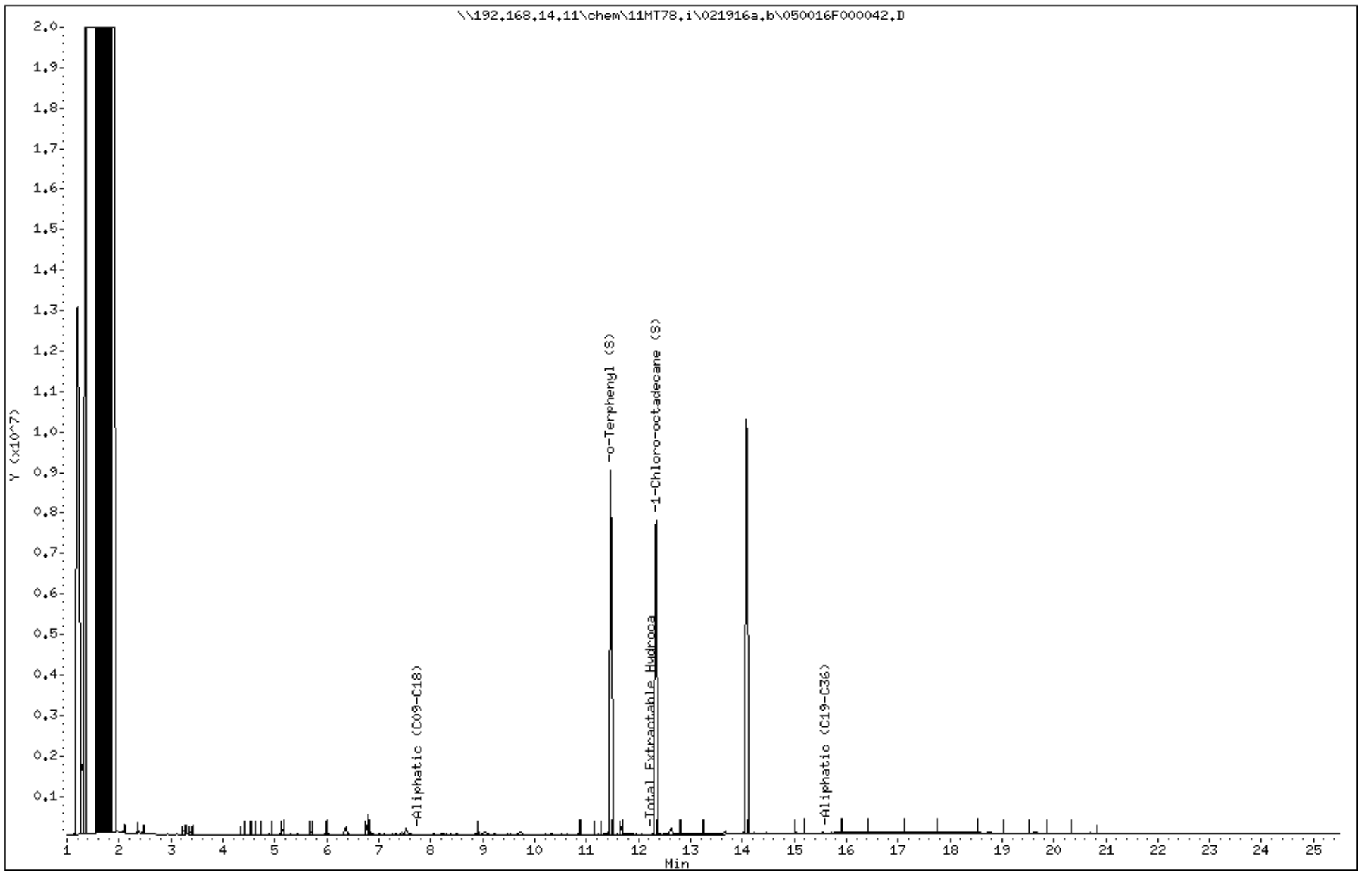
Sample Info: 10338261004,2

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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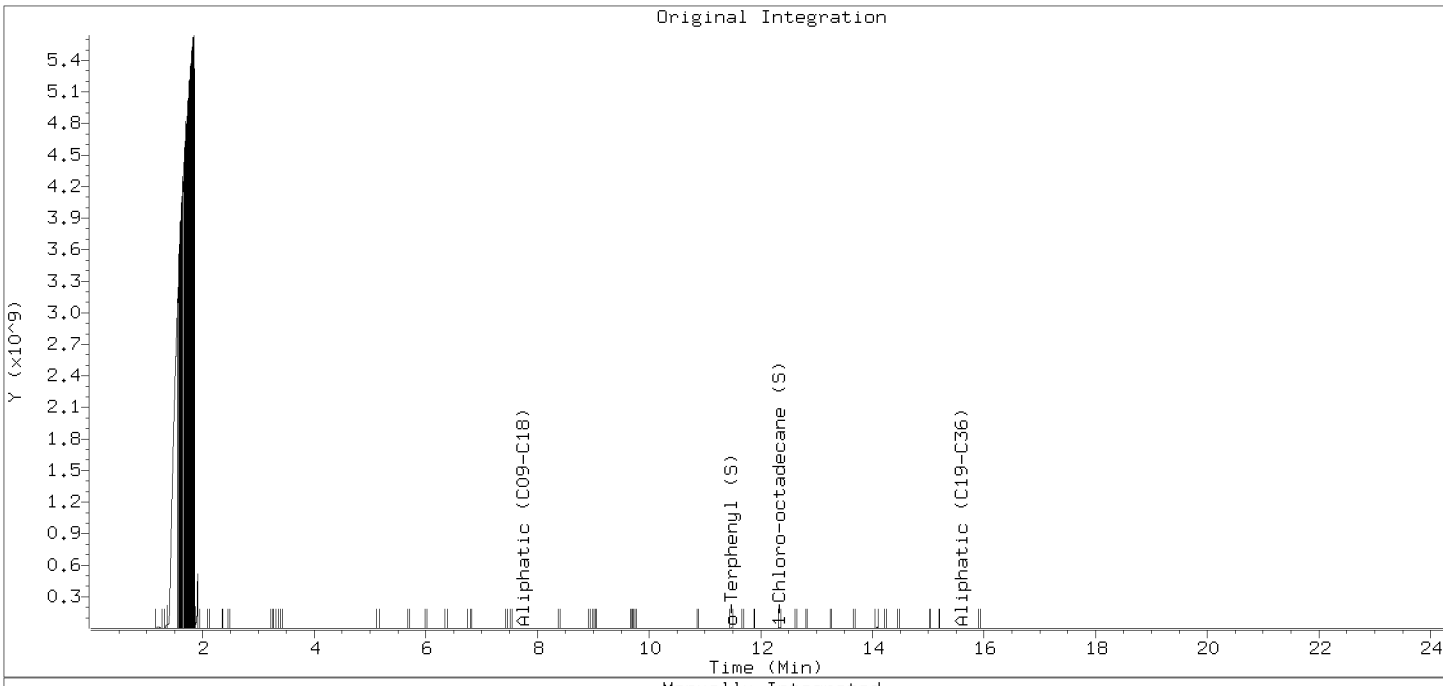
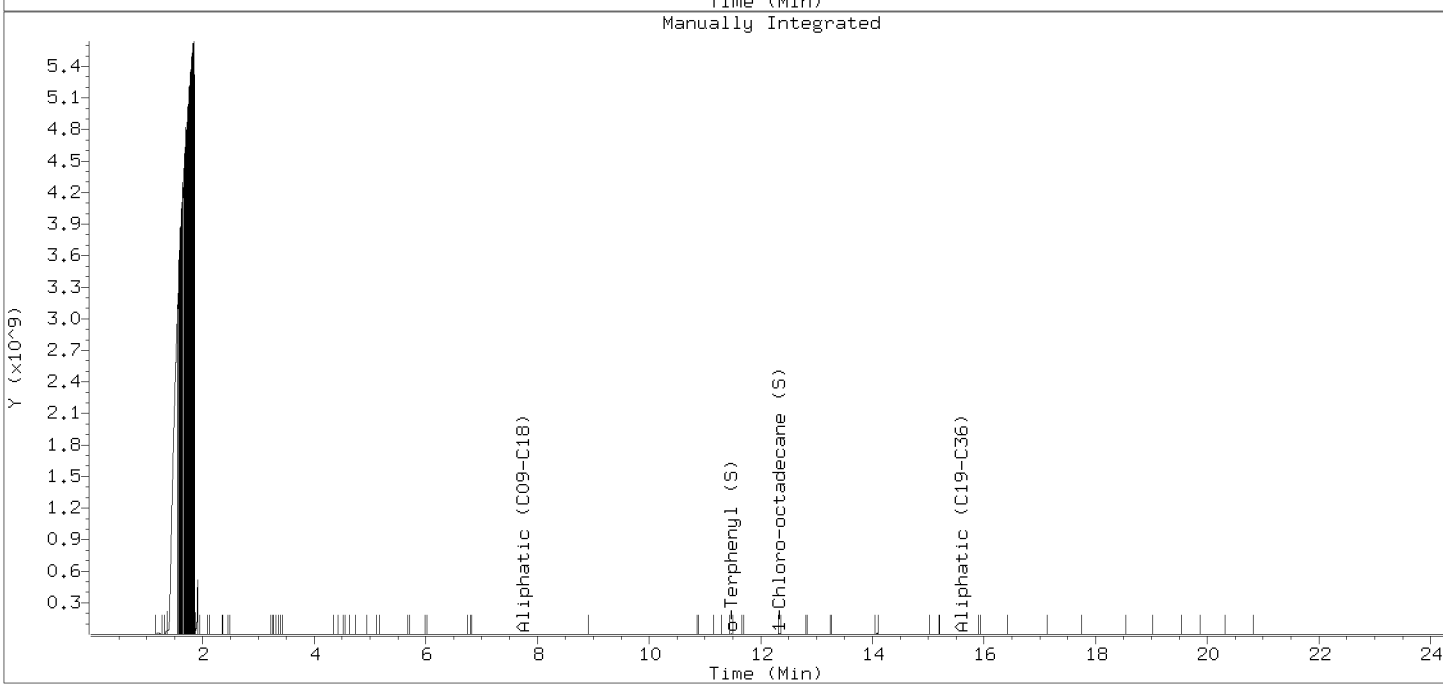
Instrument: 11MT78.i
Lab Sample ID: 10338261004





Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	10323793	17550108
Aliphatic (C09-C18)	0	3004203
Aliphatic (C19-C36)	10323793	14545905
1-Chloro-octadecane (S)	6821412	6849633
o-Terphenyl (S)	8139146	8161481

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000043.D

Date : 20-FEB-2016 14:23

Client ID:

Instrument: 11MT78.i

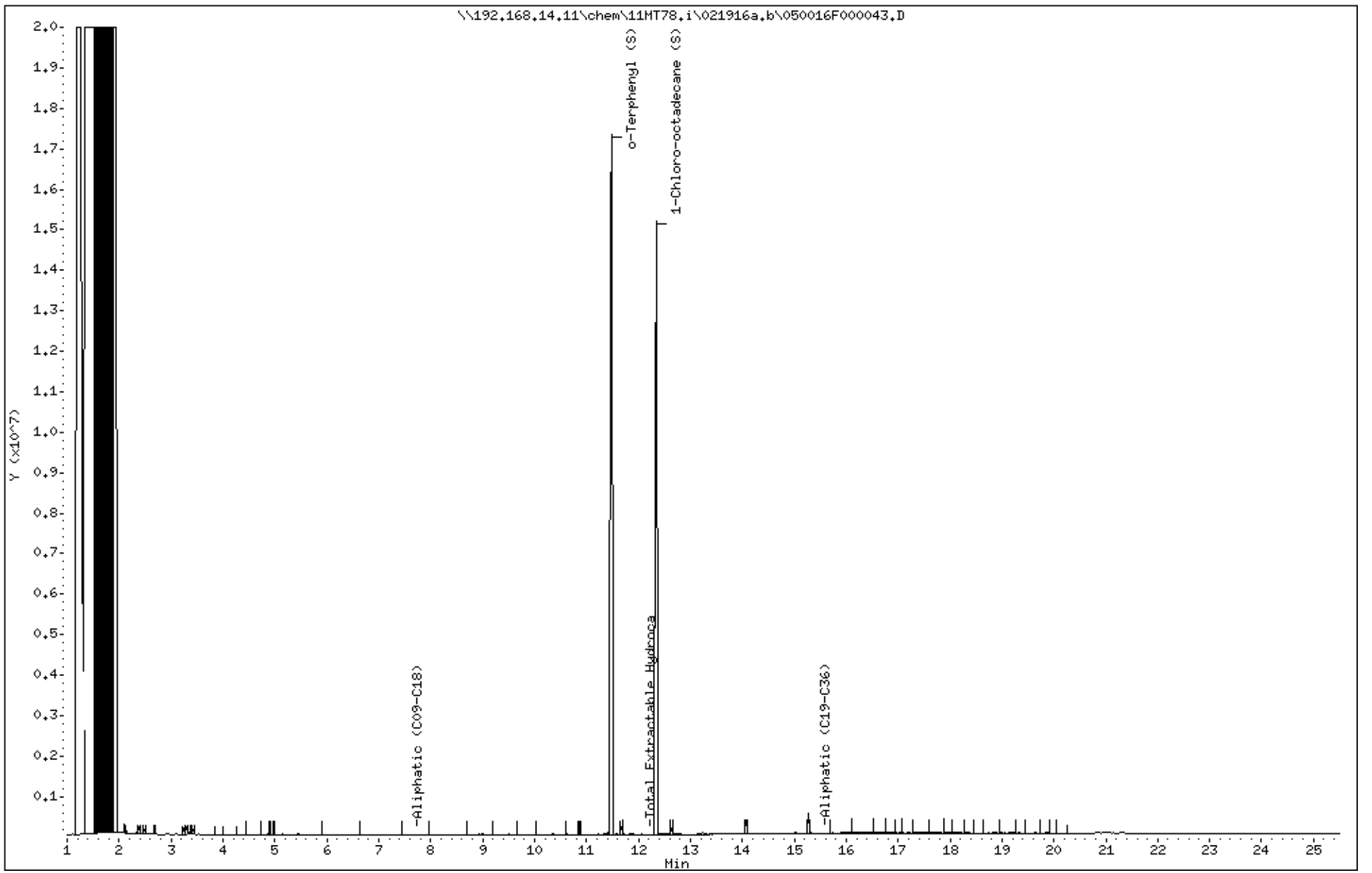
Sample Info: 10338261005

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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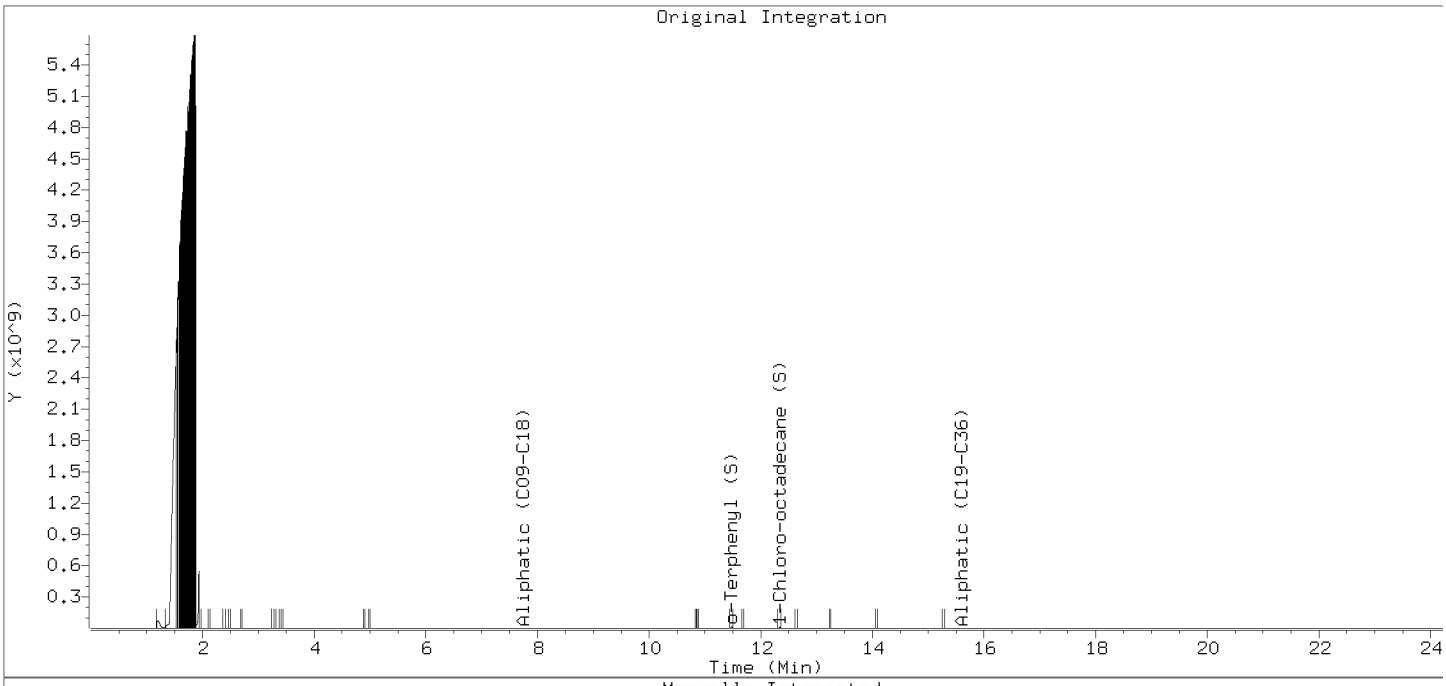
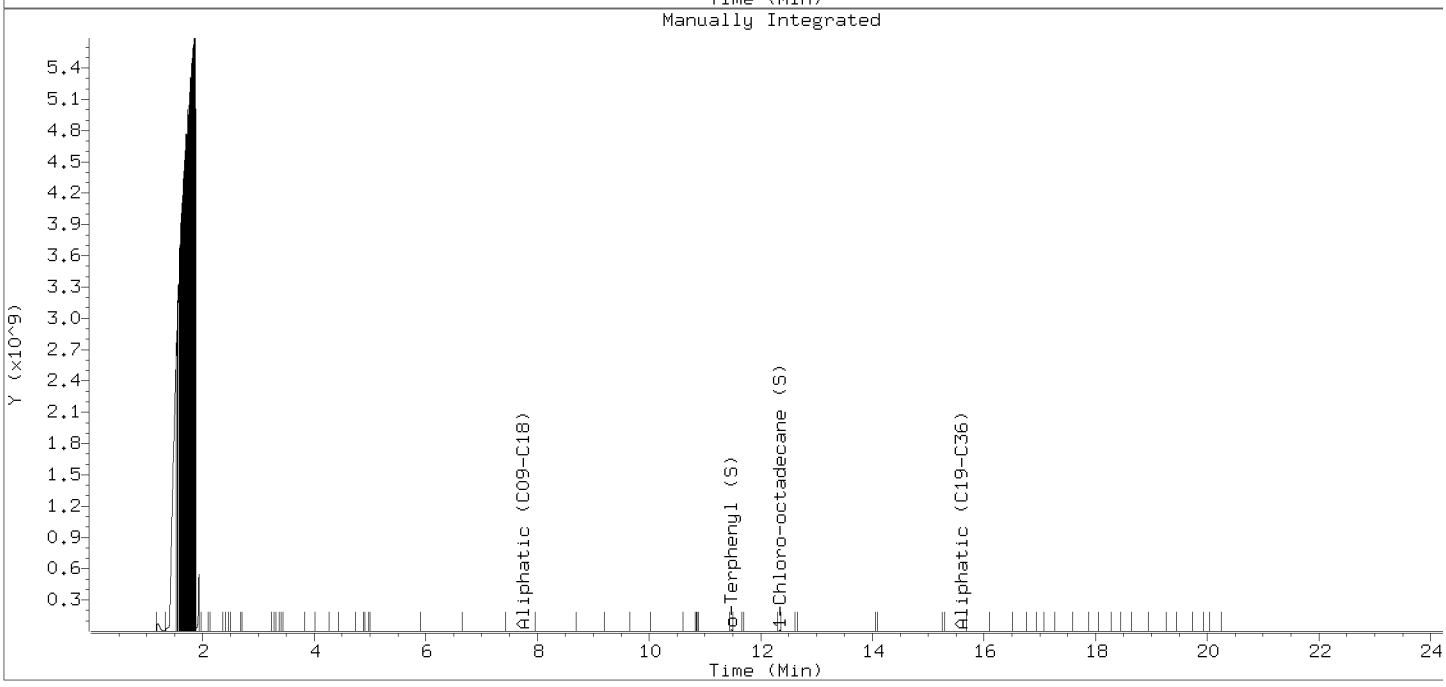
Injection Date: 20-FEB-2016 14:23
Instrument: 11MT78.i
Lab Sample ID: 10338261005





Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	939981
Aliphatic (C19-C36)	0	5407786
1-Chloro-octadecane (S)	14575036	14618360
o-Terphenyl (S)	17836790	17867218

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000044.D

Date : 20-FEB-2016 14:56

Client ID:

Instrument: 11MT78.i

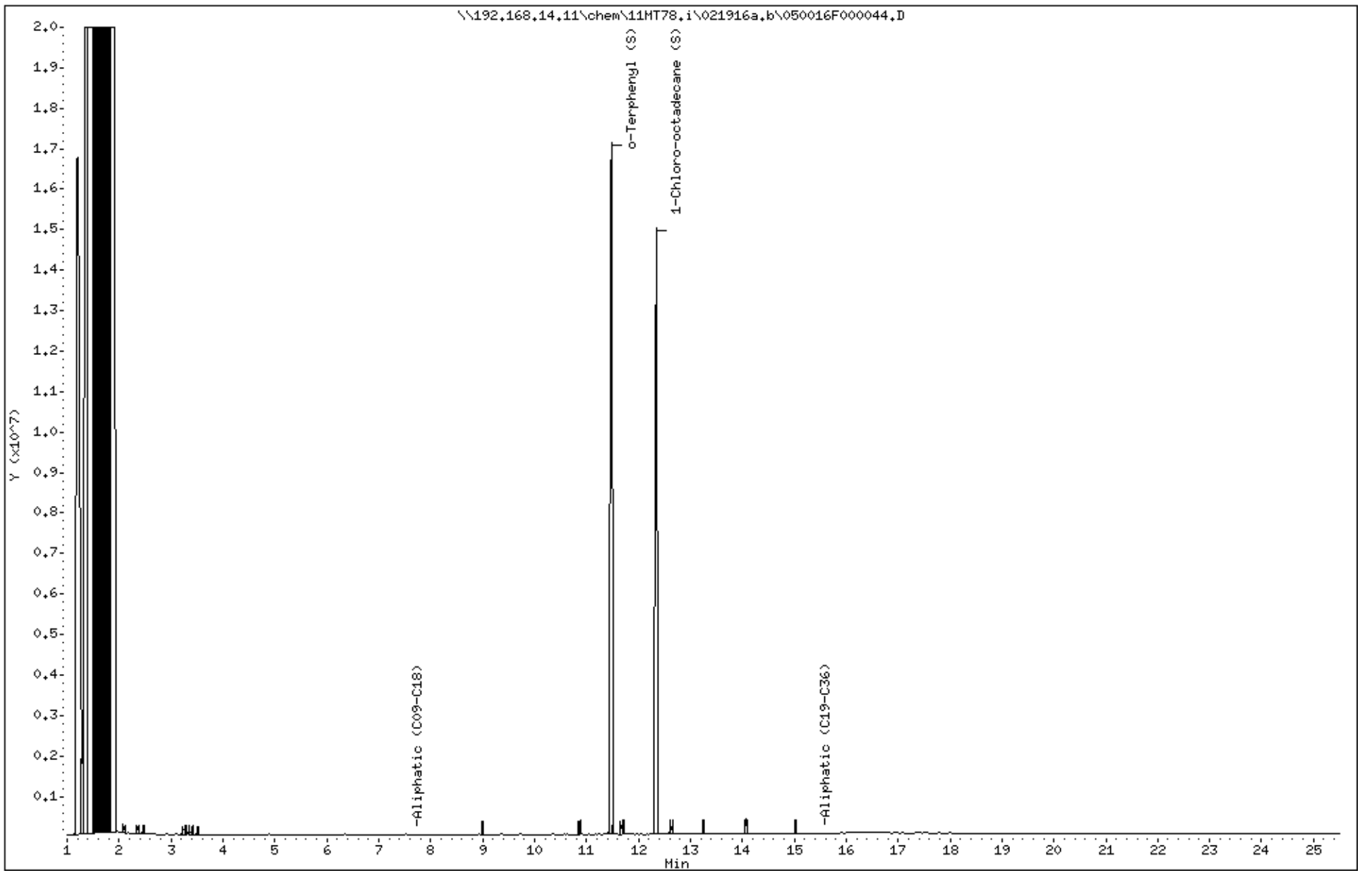
Sample Info: 10338261006

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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Injection Date: 20-FEB-2016 14:56
Instrument: 11MT78.i
Lab Sample ID: 10338261006

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	0	0
1-Chloro-octadecane (S)	14516704	14516704
o-Terphenyl (S)	17516137	17516137

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000045.D

Date : 20-FEB-2016 15:29

Client ID:

Instrument: 11MT78.i

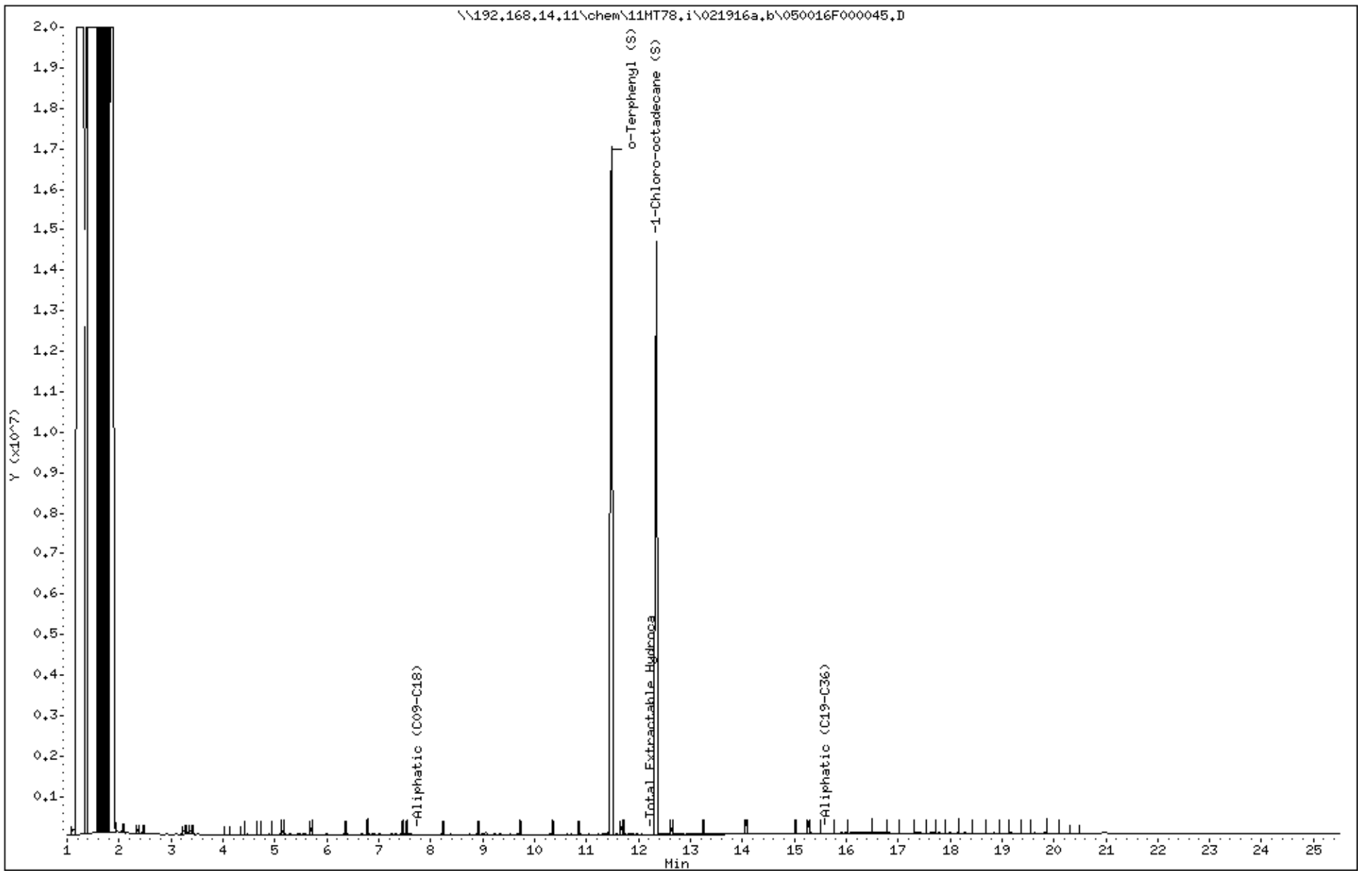
Sample Info: 10338261007

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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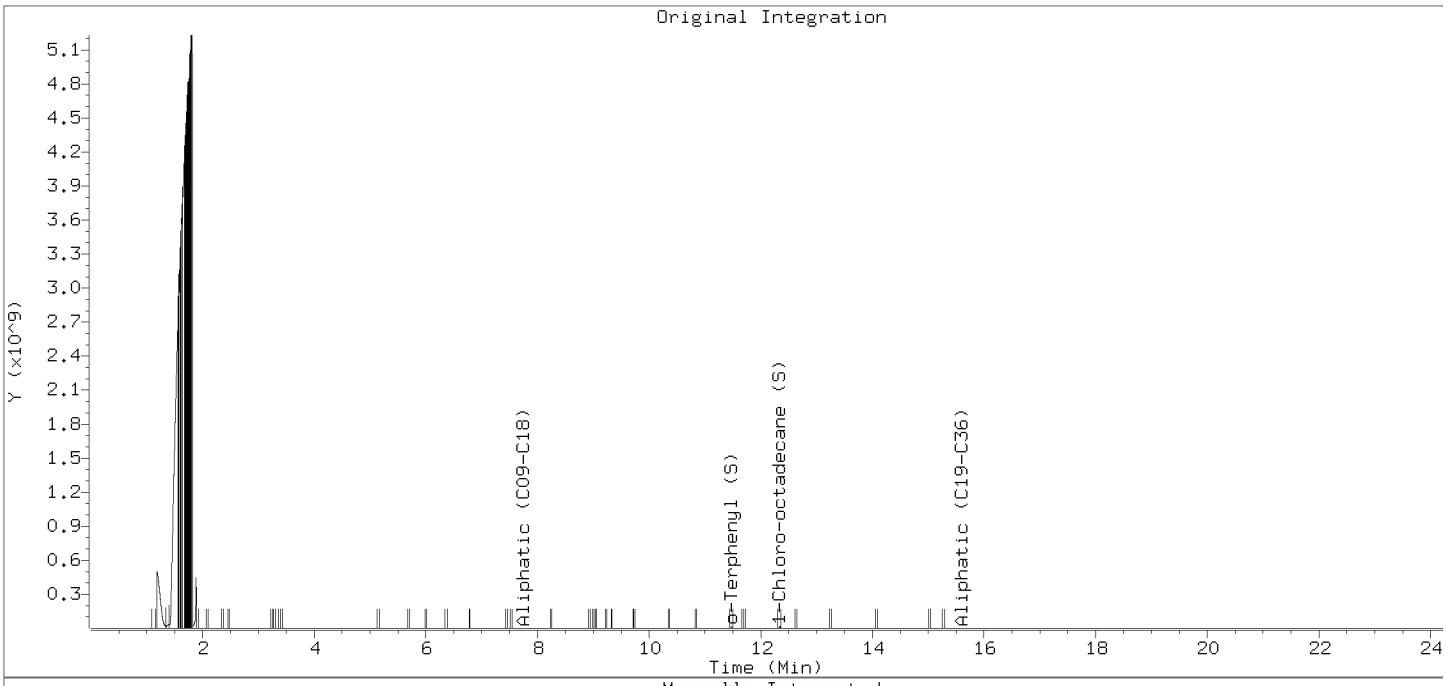
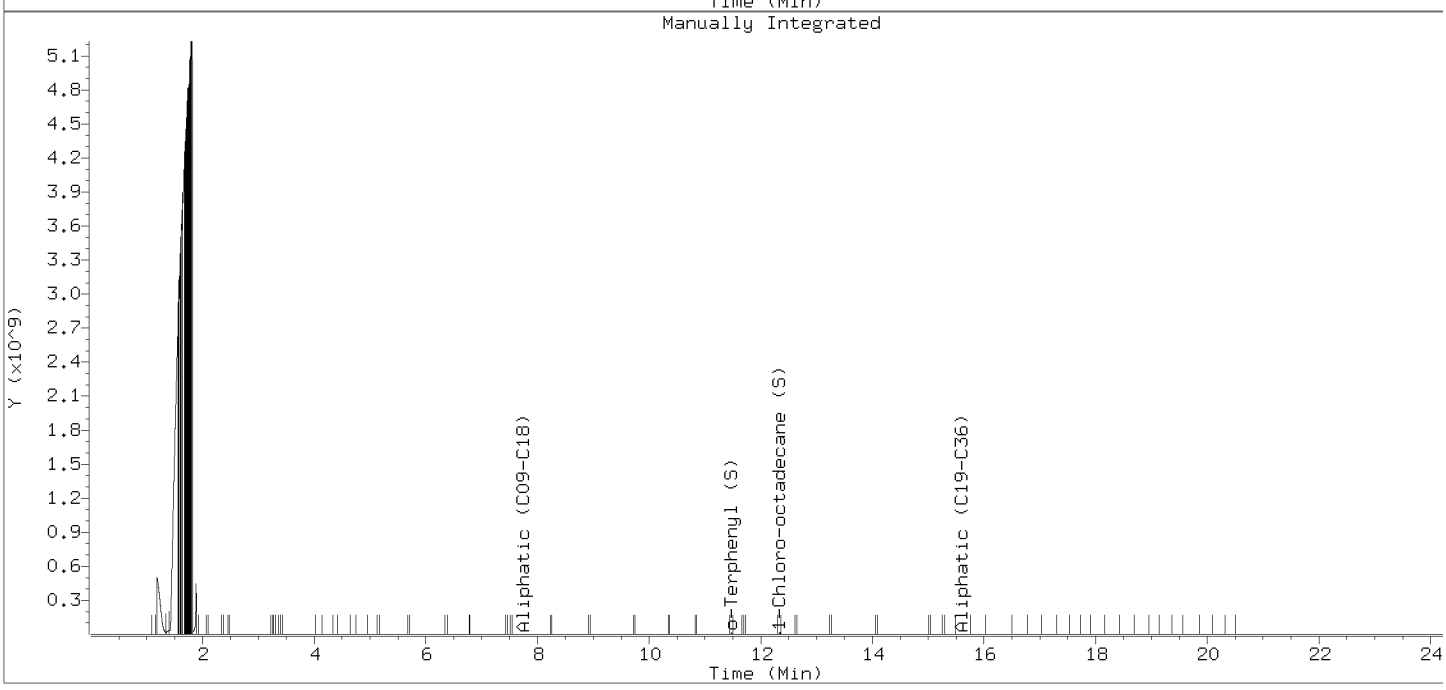
Injection Date: 20-FEB-2016 15:29
Instrument: 11MT78.i
Lab Sample ID: 10338261007



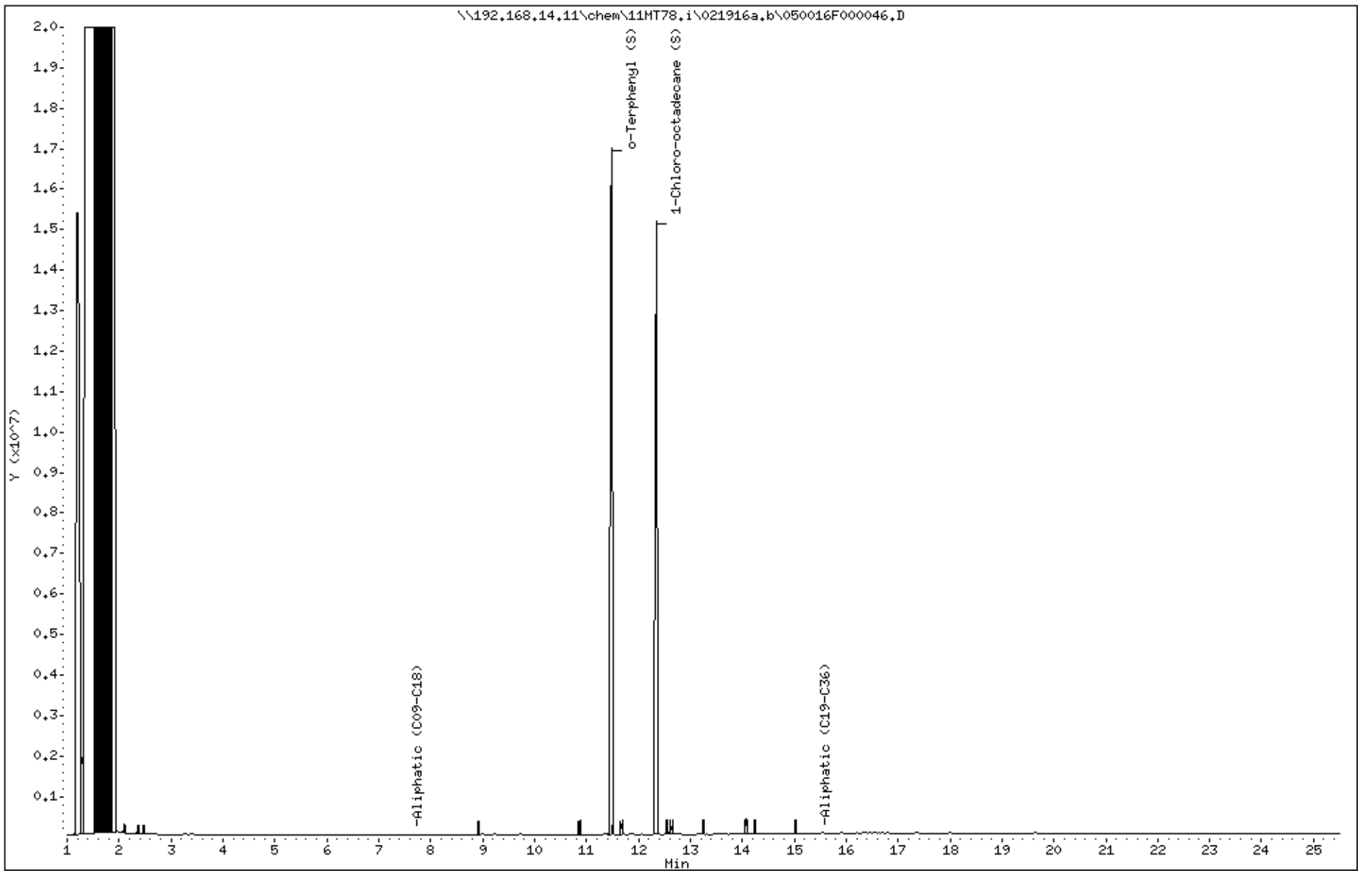


Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	2560391
Aliphatic (C19-C36)	0	6016993
1-Chloro-octadecane (S)	13669304	13707845
o-Terphenyl (S)	16620364	16645392

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000046.D
Date : 20-FEB-2016 16:01
Client ID:
Sample Info: 10338261008
Volume Injected (uL): 1.0
Column phase: DB-5MS

Instrument: 11MT78.i
Operator: EJS
Column diameter: 0.25



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Injection Date: 20-FEB-2016 16:01
Instrument: 11MT78.i
Lab Sample ID: 10338261008

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	0	0
1-Chloro-octadecane (S)	14215151	14215151
o-Terphenyl (S)	17042691	17042691

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000047.D

Date : 20-FEB-2016 16:34

Client ID:

Instrument: 11MT78.i

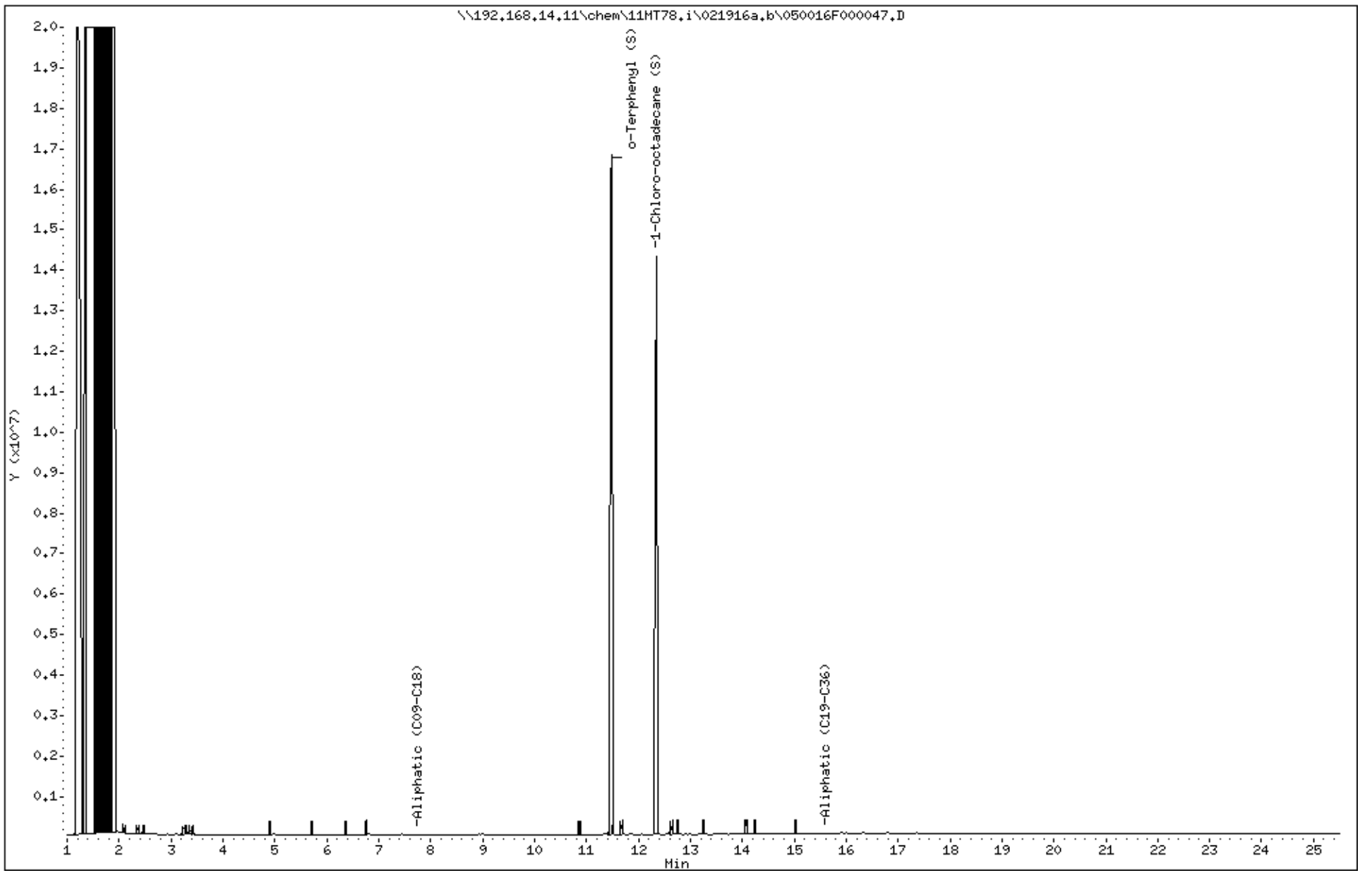
Sample Info: 10338261009

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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Injection Date: 20-FEB-2016 16:34
Instrument: 11MT78.i
Lab Sample ID: 10338261009

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	0	0
1-Chloro-octadecane (S)	13344770	13344770
o-Terphenyl (S)	16433753	16433753

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000048.D

Date : 20-FEB-2016 17:06

Client ID:

Instrument: 11MT78.i

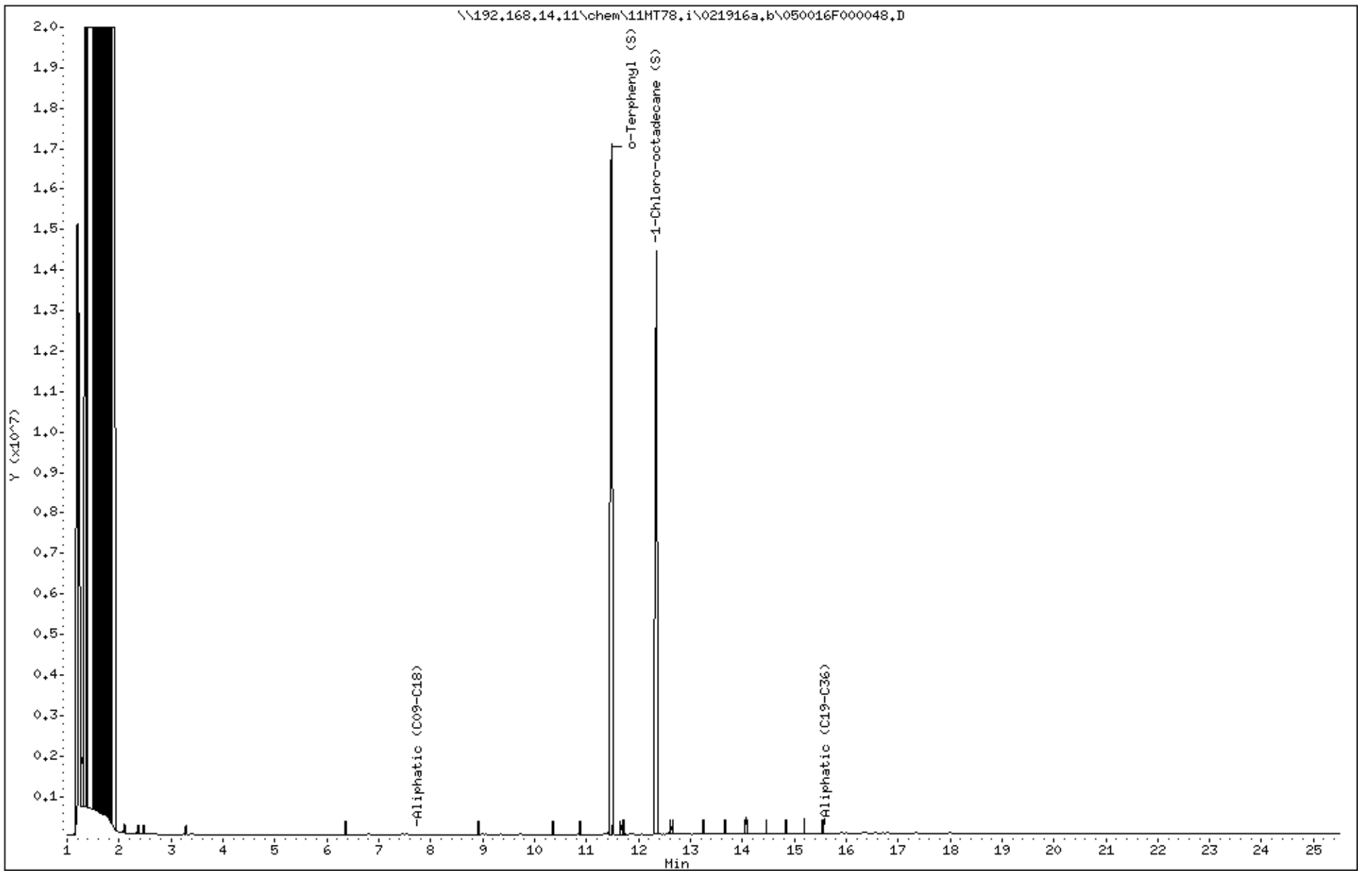
Sample Info: 10338261010

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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Injection Date: 20-FEB-2016 17:06
Instrument: 11MT78.i
Lab Sample ID: 10338261010

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	0	0
1-Chloro-octadecane (S)	13981635	13981635
o-Terphenyl (S)	16596128	16596128

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000049.D

Date : 20-FEB-2016 17:39

Client ID:

Instrument: 11MT78.i

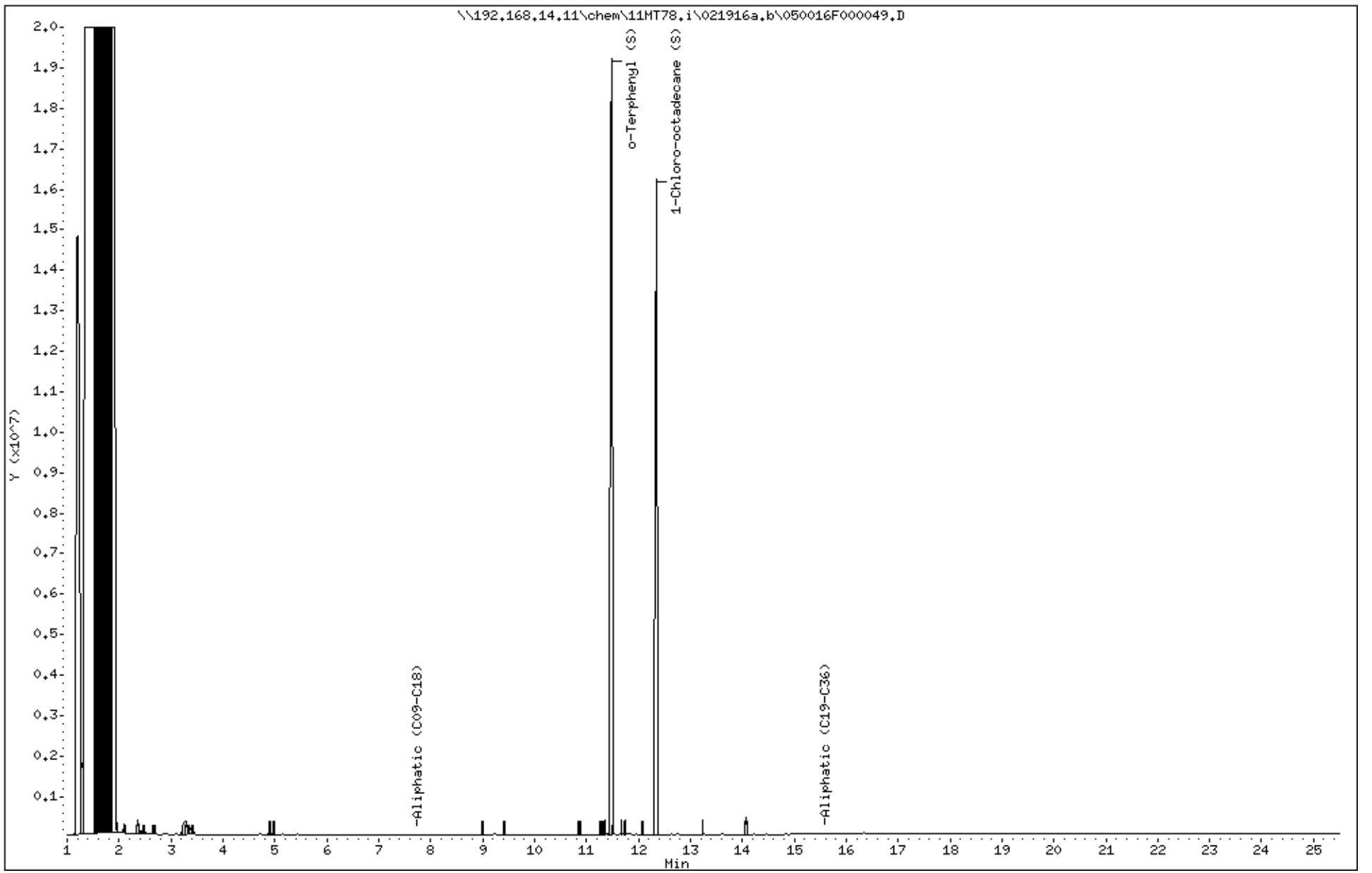
Sample Info: 10338261011

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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Injection Date: 20-FEB-2016 17:39
Instrument: 11MT78.i
Lab Sample ID: 10338261011

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	0	0
1-Chloro-octadecane (S)	15836904	15836904
o-Terphenyl (S)	19986119	19986119

Data File: \\192.168.14.11\chem\11MT78.i\021916a.b\050016F000050.D

Date : 20-FEB-2016 18:12

Client ID:

Instrument: 11MT78.i

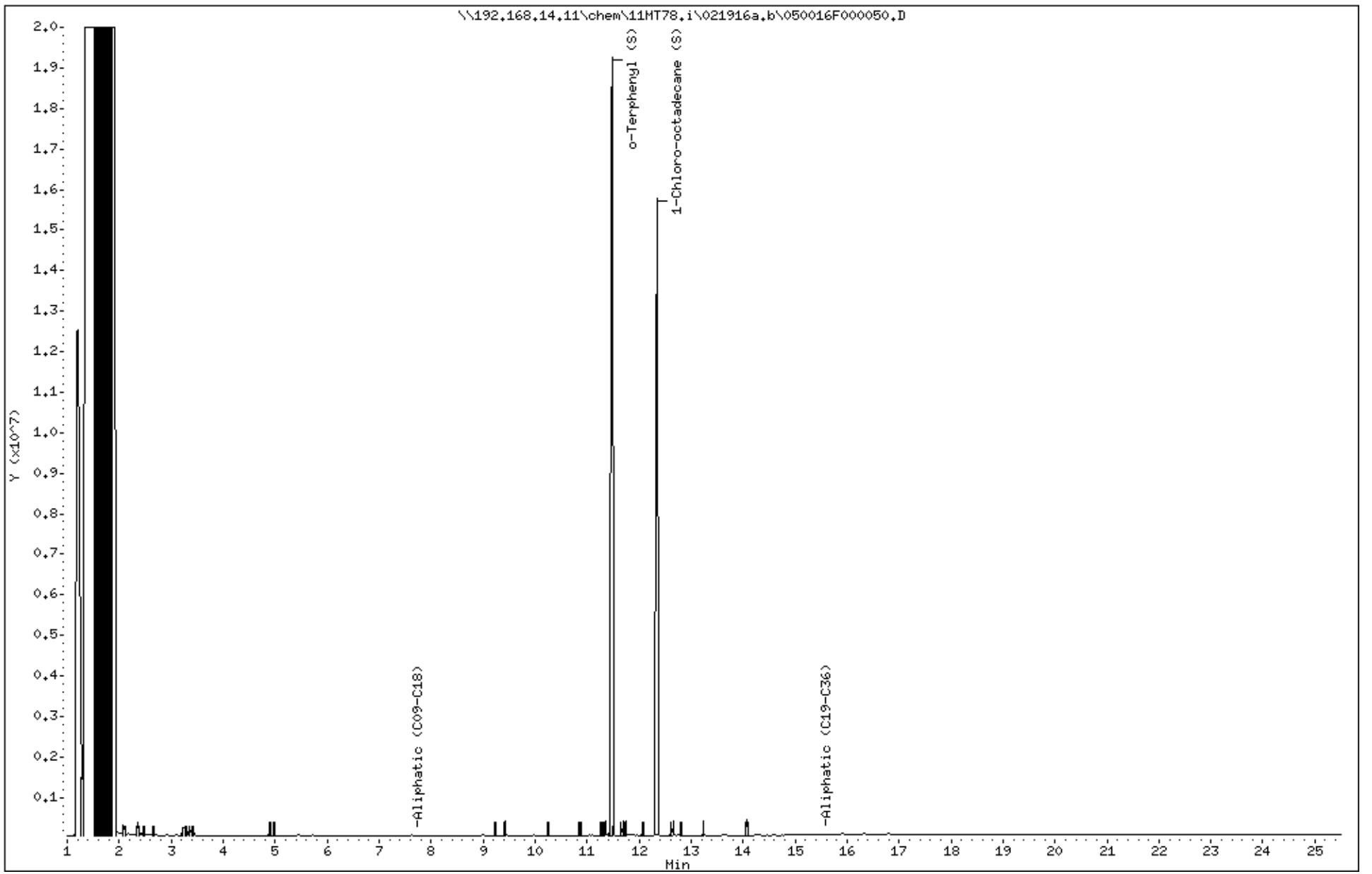
Sample Info: 10338261012

Volume Injected (uL): 1.0

Operator: EJS

Column phase: DB-5MS

Column diameter: 0.25



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Injection Date: 20-FEB-2016 18:12
Instrument: 11MT78.i
Lab Sample ID: 10338261012

NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Manually Integrated Compounds

Compound	Area (before)	Area (after)
Total Extractable Hydrocarbons	0	0
Aliphatic (C09-C18)	0	0
Aliphatic (C19-C36)	0	0
1-Chloro-octadecane (S)	14746724	14746724
o-Terphenyl (S)	18622324	18622324

Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

February 24, 2016

Tyler Etzel
Newfields
1120 Cedar Street
Missoula, MT 598023911

RE: Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Dear Tyler Etzel:
Enclosed are the analytical results for sample(s) received by the laboratory on February 10, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Anderson
jennifer.anderson@pacelabs.com
Project Manager

Enclosures

cc: Katie Sitler, Newfields

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CERTIFICATIONS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

Montana Certification IDs

150 N. 9th Street, Billings, MT 59101
Colorado Asbestos #: 17119
A2LA Certification #: 3590.01
EPA Region 8 Certification #: 8TMS-L
Idaho Certification #: MT00012
Minnesota Dept of Health Certification #: 030-999-442
Montana Certification #: MT CERT0040
North Dakota Dept. Of Health #: R-209
NVLAP Certification #: 101292-0
Washington Department of Ecology #: C993

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SAMPLE SUMMARY

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10338253001	**B-1 (4-5)**	Solid	02/10/16 08:20	02/10/16 16:40
10338253002	**B-1 (8-10)**	Solid	02/10/16 08:35	02/10/16 16:40
10338253003	**B-2 (3-5)**	Solid	02/10/16 10:45	02/10/16 16:40
10338253004	**B-2 (5-8)**	Solid	02/10/16 10:55	02/10/16 16:40
10338253005	**B-3 (3-5)**	Solid	02/10/16 12:05	02/10/16 16:40
10338253006	**B-3 (7-9)**	Solid	02/10/16 12:20	02/10/16 16:40
10338253007	**B-4 (3-5)**	Solid	02/09/16 14:30	02/10/16 16:40
10338253008	**B-4 (7-9)**	Solid	02/09/16 14:40	02/10/16 16:40
10338253009	**B-5 (2-5)**	Solid	02/09/16 13:15	02/10/16 16:40
10338253010	**B-5 (7-10)**	Solid	02/09/16 13:25	02/10/16 16:40
10338253011	**B-6 (2-5)**	Solid	02/09/16 11:10	02/10/16 16:40
10338253012	**B-6 (7-10)**	Solid	02/09/16 11:20	02/10/16 16:40
10338253013	**B-7 (0-5)**	Solid	02/09/16 09:20	02/10/16 16:40
10338253014	**B-7 (5-10)**	Solid	02/09/16 09:30	02/10/16 16:40
10338253015	**B-8 (1-5)**	Solid	02/10/16 09:40	02/10/16 16:40
10338253016	**B-8 (7-9)**	Solid	02/10/16 09:50	02/10/16 16:40
10338253017	**B-9 (2-5)**	Solid	02/09/16 15:50	02/10/16 16:40
10338253018	**B-9 (7-10)**	Solid	02/09/16 16:00	02/10/16 16:40
10338253019	**TRIP BLANK (003-010)**	Solid	02/10/16 00:00	02/10/16 16:40
10338253020	**TRIP BLANK (011-018)**	Solid	02/10/16 00:00	02/10/16 16:40

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SAMPLE ANALYTE COUNT

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10338253001	**B-1 (4-5)**	ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253002	**B-1 (8-10)**	ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253003	**B-2 (3-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253004	**B-2 (5-8)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253005	**B-3 (3-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253006	**B-3 (7-9)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253007	**B-4 (3-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M

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SAMPLE ANALYTE COUNT

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253008	**B-4 (7-9)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253009	**B-5 (2-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253010	**B-5 (7-10)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253011	**B-6 (2-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253012	**B-6 (7-10)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT

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SAMPLE ANALYTE COUNT

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253013	**B-7 (0-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253014	**B-7 (5-10)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253015	**B-8 (1-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253016	**B-8 (7-9)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253017	**B-9 (2-5)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT

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SAMPLE ANALYTE COUNT

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10338253018	**B-9 (7-10)**	EPA 6010	DM	7	PASI-M
		EPA 7471	JDD	1	PASI-M
		EPA 8270D	JLR	72	PASI-M
		EPA 8260B	CD2	72	PASI-M
		ASTM D2974	MAM	1	PASI-MT
		MADEP EPH	EJS	2	PASI-MT
		MADEP VPH	MAM	15	PASI-MT
10338253019	**TRIP BLANK (003-010)**	EPA 8260B	CD2	72	PASI-M
10338253020	**TRIP BLANK (011-018)**	EPA 8260B	CD2	72	PASI-M

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **EPA 6010**
Description: 6010 MET ICP
Client: Newfields
Date: February 24, 2016

General Information:
16 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/61422

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10338253003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2190969)
  - Lead
- MSD (Lab ID: 2190970)
  - Lead

Additional Comments:

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **EPA 7471**
Description: 7471 Mercury
Client: Newfields
Date: February 24, 2016

General Information:
16 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **EPA 8270D**
Description: 8270D MSSV
Client: Newfields
Date: February 24, 2016

General Information:
16 samples were analyzed for EPA 8270D. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3550 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/32559

3M: The associated compound was outside of 20% for the associated continuing calibration but within 40% of the true value.

- LCS (Lab ID: 2192998)
  - 2,4-Dinitrophenol
- MS (Lab ID: 2192999)
  - 2,4-Dinitrophenol
- MSD (Lab ID: 2193000)
  - 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **EPA 8260B**
Description: 8260B MSV 5030 Med Level
Client: Newfields
Date: February 24, 2016

General Information:
18 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: MSV/34607

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 2190947)
  - Chloroethane
  - Trichlorofluoromethane
- MS (Lab ID: 2190948)
  - Chloroethane
  - Trichlorofluoromethane
- MSD (Lab ID: 2190949)
  - Chloroethane
  - Trichlorofluoromethane

QC Batch: MSV/34623

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 2192279)
  - Trichlorofluoromethane
- MS (Lab ID: 2192281)
  - Chloroethane
  - Trichlorofluoromethane
- MSD (Lab ID: 2192280)
  - Chloroethane
  - Trichlorofluoromethane

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: MSV/34607

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- LCS (Lab ID: 2190947)
  - Trichlorofluoromethane
- MS (Lab ID: 2190948)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **EPA 8260B**
Description: 8260B MSV 5030 Med Level
Client: Newfields
Date: February 24, 2016

QC Batch: MSV/34607

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- Trichlorofluoromethane
- MSD (Lab ID: 2190949)
  - Trichlorofluoromethane

QC Batch: MSV/34623

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- LCS (Lab ID: 2192279)
  - Trichlorofluoromethane
- MS (Lab ID: 2192281)
  - Trichlorofluoromethane
- MSD (Lab ID: 2192280)
  - Trichlorofluoromethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/34607

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- B-6 (7-10) (Lab ID: 10338253012)
  - 1,2-Dichloroethane-d4 (S)
- B-7 (5-10) (Lab ID: 10338253014)
  - 1,2-Dichloroethane-d4 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/34607

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

- LCS (Lab ID: 2190947)
  - Trichlorofluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **EPA 8260B**
Description: 8260B MSV 5030 Med Level
Client: Newfields
Date: February 24, 2016

QC Batch: MSV/34623

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10338328012

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2192281)
  - Trichlorofluoromethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 2192280)
  - Trichlorofluoromethane

Additional Comments:

Analyte Comments:

QC Batch: MSV/34607

1M: Preserved from glass jar with headspace outside of 48 hours from collection.

- B-4 (7-9) (Lab ID: 10338253008)
  - 1,2-Dichloroethane-d4 (S)
- B-5 (7-10) (Lab ID: 10338253010)
  - 1,2-Dichloroethane-d4 (S)
- B-6 (7-10) (Lab ID: 10338253012)
  - 1,2-Dichloroethane-d4 (S)
- B-7 (0-5) (Lab ID: 10338253013)
  - 1,2-Dichloroethane-d4 (S)
- B-9 (2-5) (Lab ID: 10338253017)
  - 1,2-Dichloroethane-d4 (S)

2M: Preserved from glass jar with headspace within 48 hours from collection.

- B-8 (1-5) (Lab ID: 10338253015)
  - 1,2-Dichloroethane-d4 (S)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **ASTM D2974**
Description: Dry Weight, MT
Client: Newfields
Date: February 24, 2016

General Information:
18 samples were analyzed for ASTM D2974. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP EPH**
Description: MADEP EPH MA Soil
Client: Newfields
Date: February 24, 2016

General Information:
18 samples were analyzed for MADEP EPH. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with MADEP EPH with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MTPR/4030

N2: The lab does not hold TNI accreditation for this parameter.

- B-1 (4-5) (Lab ID: 10338253001)
  - Total Extractable Hydrocarbons
- B-1 (8-10) (Lab ID: 10338253002)
  - Total Extractable Hydrocarbons
- B-2 (3-5) (Lab ID: 10338253003)
  - Total Extractable Hydrocarbons

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP EPH**
Description: MADEP EPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MTPR/4030

N2: The lab does not hold TNI accreditation for this parameter.

- B-2 (5-8) (Lab ID: 10338253004)
  - Total Extractable Hydrocarbons
- B-3 (3-5) (Lab ID: 10338253005)
  - Total Extractable Hydrocarbons
- B-3 (7-9) (Lab ID: 10338253006)
  - Total Extractable Hydrocarbons
- B-4 (3-5) (Lab ID: 10338253007)
  - Total Extractable Hydrocarbons
- B-4 (7-9) (Lab ID: 10338253008)
  - Total Extractable Hydrocarbons
- B-5 (2-5) (Lab ID: 10338253009)
  - Total Extractable Hydrocarbons
- B-5 (7-10) (Lab ID: 10338253010)
  - Total Extractable Hydrocarbons
- B-6 (2-5) (Lab ID: 10338253011)
  - Total Extractable Hydrocarbons
- B-6 (7-10) (Lab ID: 10338253012)
  - Total Extractable Hydrocarbons
- B-7 (0-5) (Lab ID: 10338253013)
  - Total Extractable Hydrocarbons
- B-7 (5-10) (Lab ID: 10338253014)
  - Total Extractable Hydrocarbons
- B-8 (1-5) (Lab ID: 10338253015)
  - Total Extractable Hydrocarbons
- B-9 (2-5) (Lab ID: 10338253017)
  - Total Extractable Hydrocarbons
- B-9 (7-10) (Lab ID: 10338253018)
  - Total Extractable Hydrocarbons
- BLANK (Lab ID: 2192244)
  - Total Extractable Hydrocarbons
- LCS (Lab ID: 2192245)
  - Total Extractable Hydrocarbons
- LCSD (Lab ID: 2192246)
  - Total Extractable Hydrocarbons
- MS (Lab ID: 2192247)
  - Total Extractable Hydrocarbons
- MSD (Lab ID: 2192248)
  - Total Extractable Hydrocarbons

QC Batch: MTPR/4032

N2: The lab does not hold TNI accreditation for this parameter.

- B-8 (7-9) (Lab ID: 10338253016)
  - Total Extractable Hydrocarbons

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP EPH**
Description: MADEP EPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MTPR/4032

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 2193090)
  - Total Extractable Hydrocarbons
- LCS (Lab ID: 2193091)
  - Total Extractable Hydrocarbons
- LCSD (Lab ID: 2193092)
  - Total Extractable Hydrocarbons
- MS (Lab ID: 2193093)
  - Total Extractable Hydrocarbons
- MSD (Lab ID: 2193094)
  - Total Extractable Hydrocarbons

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

General Information:
18 samples were analyzed for MADEP VPH. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with MADEP VPH with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: MT/22475

B: Analyte was detected in the associated method blank.

- BLANK for HBN 400883 [MT/22475 (Lab ID: 2190453)
  - Naphthalene

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MT/22475

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10338253001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2190456)
  - Naphthalene
- MSD (Lab ID: 2190457)
  - Naphthalene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

QC Batch: MT/22475

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10338253001

R1: RPD value was outside control limits.

- MSD (Lab ID: 2190457)
  - Naphthalene

Additional Comments:

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-1 (4-5) (Lab ID: 10338253001)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-1 (8-10) (Lab ID: 10338253002)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-2 (3-5) (Lab ID: 10338253003)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-2 (3-5) (Lab ID: 10338253003)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-2 (5-8) (Lab ID: 10338253004)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-3 (3-5) (Lab ID: 10338253005)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-3 (7-9) (Lab ID: 10338253006)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-4 (3-5) (Lab ID: 10338253007)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-4 (7-9) (Lab ID: 10338253008)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-4 (7-9) (Lab ID: 10338253008)
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-5 (2-5) (Lab ID: 10338253009)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-5 (7-10) (Lab ID: 10338253010)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-6 (2-5) (Lab ID: 10338253011)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-6 (2-5) (Lab ID: 10338253011)
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-6 (7-10) (Lab ID: 10338253012)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-7 (0-5) (Lab ID: 10338253013)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-7 (5-10) (Lab ID: 10338253014)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-7 (5-10) (Lab ID: 10338253014)
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-8 (1-5) (Lab ID: 10338253015)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-8 (7-9) (Lab ID: 10338253016)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-9 (2-5) (Lab ID: 10338253017)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- B-9 (2-5) (Lab ID: 10338253017)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- B-9 (7-10) (Lab ID: 10338253018)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Aliphatic, Adjusted(C05-C08)
  - Aliphatic, Adjusted(C09-C12)
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- BLANK (Lab ID: 2190453)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- LCS (Lab ID: 2190454)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- LCS (Lab ID: 2190454)
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- LCSD (Lab ID: 2190455)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- MS (Lab ID: 2190456)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)
- MSD (Lab ID: 2190457)
  - Aliphatic (C05-C08),Unadjusted
  - Aliphatic (C09-C12),Unadjusted
  - Aromatic (C09-C10)
  - Benzene
  - Ethylbenzene

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PROJECT NARRATIVE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Method: **MADEP VPH**
Description: MADEP VPH MA Soil
Client: Newfields
Date: February 24, 2016

Analyte Comments:

QC Batch: MT/22475

N2: The lab does not hold TNI accreditation for this parameter.

- MSD (Lab ID: 2190457)
  - Methyl-tert-butyl ether
  - m&p-Xylene
  - Naphthalene
  - o-Xylene
  - Toluene
  - Total Purgeable Hydro Carbons
  - Xylene (Total)

This data package has been reviewed for quality and completeness and is approved for release.

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-1 (4-5) **Lab ID: 10338253001** Collected: 02/10/16 08:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**18.5**	%	0.10	0.10	1		02/12/16 12:50		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**3.5J**	mg/kg	12.3	2.4	1	02/16/16 08:01	02/18/16 13:18		N2
Surrogates									
1-Chloro-octadecane (S)	85	%.	40-140		1	02/16/16 08:01	02/18/16 13:18	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.022**	mg/kg	0.055	0.022	1	02/11/16 14:47	02/16/16 17:06	1634-04-4	N2
Benzene	**<0.0031**	mg/kg	0.028	0.0031	1	02/11/16 14:47	02/16/16 17:06	71-43-2	N2
Toluene	**<0.0049**	mg/kg	0.055	0.0049	1	02/11/16 14:47	02/16/16 17:06	108-88-3	N2
Ethylbenzene	**<0.0041**	mg/kg	0.055	0.0041	1	02/11/16 14:47	02/16/16 17:06	100-41-4	N2
m&p-Xylene	**<0.028**	mg/kg	0.11	0.028	1	02/11/16 14:47	02/16/16 17:06	179601-23-1	N2
o-Xylene	**<0.0067**	mg/kg	0.11	0.0067	1	02/11/16 14:47	02/16/16 17:06	95-47-6	N2
Xylene (Total)	**<0.035**	mg/kg	0.22	0.035	1	02/11/16 14:47	02/16/16 17:06	1330-20-7	N2
Naphthalene	**0.036J**	mg/kg	0.66	0.021	1	02/11/16 14:47	02/16/16 17:06	91-20-3	B,M1, N2,R1
Aromatic (C09-C10)	**<0.0055**	mg/kg	1.1	0.0055	1	02/11/16 14:47	02/16/16 17:06		N2
Aliphatic (C05-C08),Unadjusted	**<0.31**	mg/kg	5.5	0.31	1	02/11/16 14:47	02/16/16 17:06		N2
Aliphatic (C09-C12),Unadjusted	**<0.93**	mg/kg	5.5	0.93	1	02/11/16 14:47	02/16/16 17:06		N2
Total Purgeable Hydro Carbons	**<0.40**	mg/kg	11.1	0.40	1	02/11/16 14:47	02/16/16 17:06		N2
Aliphatic, Adjusted(C05-C08)	**<0.31**	mg/kg	5.5	0.31	1	02/11/16 14:47	02/16/16 17:06		N2
Aliphatic, Adjusted(C09-C12)	**<0.93**	mg/kg	5.5	0.93	1	02/11/16 14:47	02/16/16 17:06		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	87	%.	70-130		1	02/11/16 14:47	02/16/16 17:06	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-1 (8-10) **Lab ID: 10338253002** Collected: 02/10/16 08:35 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**23.7**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**2.9J**	mg/kg	13.1	2.6	1	02/16/16 08:01	02/18/16 14:56		N2
Surrogates									
1-Chloro-octadecane (S)	74	%.	40-140		1	02/16/16 08:01	02/18/16 14:56	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.023**	mg/kg	0.058	0.023	1	02/11/16 14:47	02/16/16 17:37	1634-04-4	N2
Benzene	**<0.0032**	mg/kg	0.029	0.0032	1	02/11/16 14:47	02/16/16 17:37	71-43-2	N2
Toluene	**<0.0051**	mg/kg	0.058	0.0051	1	02/11/16 14:47	02/16/16 17:37	108-88-3	N2
Ethylbenzene	**<0.0043**	mg/kg	0.058	0.0043	1	02/11/16 14:47	02/16/16 17:37	100-41-4	N2
m&p-Xylene	**<0.030**	mg/kg	0.12	0.030	1	02/11/16 14:47	02/16/16 17:37	179601-23-1	N2
o-Xylene	**<0.0071**	mg/kg	0.12	0.0071	1	02/11/16 14:47	02/16/16 17:37	95-47-6	N2
Xylene (Total)	**<0.037**	mg/kg	0.23	0.037	1	02/11/16 14:47	02/16/16 17:37	1330-20-7	N2
Naphthalene	**<0.022**	mg/kg	0.70	0.022	1	02/11/16 14:47	02/16/16 17:37	91-20-3	N2
Aromatic (C09-C10)	**<0.0058**	mg/kg	1.2	0.0058	1	02/11/16 14:47	02/16/16 17:37		N2
Aliphatic (C05-C08),Unadjusted	**<0.33**	mg/kg	5.8	0.33	1	02/11/16 14:47	02/16/16 17:37		N2
Aliphatic (C09-C12),Unadjusted	**<0.98**	mg/kg	5.8	0.98	1	02/11/16 14:47	02/16/16 17:37		N2
Total Purgeable Hydro Carbons	**<0.42**	mg/kg	11.6	0.42	1	02/11/16 14:47	02/16/16 17:37		N2
Aliphatic, Adjusted(C05-C08)	**<0.33**	mg/kg	5.8	0.33	1	02/11/16 14:47	02/16/16 17:37		N2
Aliphatic, Adjusted(C09-C12)	**<0.98**	mg/kg	5.8	0.98	1	02/11/16 14:47	02/16/16 17:37		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	87	%.	70-130		1	02/11/16 14:47	02/16/16 17:37	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (3-5) **Lab ID: 10338253003** Collected: 02/10/16 10:45 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**7.7**	mg/kg	1.1	0.27	1	02/15/16 15:53	02/16/16 14:24	7440-38-2	
Barium	**130**	mg/kg	0.56	0.056	1	02/15/16 15:53	02/16/16 14:24	7440-39-3	
Cadmium	**0.082J**	mg/kg	0.17	0.042	1	02/15/16 15:53	02/16/16 14:24	7440-43-9	
Chromium	**17.6**	mg/kg	0.56	0.083	1	02/15/16 15:53	02/16/16 14:24	7440-47-3	
Lead	**6.5**	mg/kg	0.56	0.13	1	02/15/16 15:53	02/16/16 14:24	7439-92-1	M1
Selenium	**<0.45**	mg/kg	1.1	0.45	1	02/15/16 15:53	02/16/16 14:24	7782-49-2	
Silver	**<0.13**	mg/kg	0.56	0.13	1	02/15/16 15:53	02/16/16 14:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.018J**	mg/kg	0.021	0.0072	1	02/14/16 19:44	02/14/16 21:47	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 09:18	83-32-9	
Acenaphthylene	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 09:18	208-96-8	
Anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	120-12-7	
Benzo(a)anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	56-55-3	
Benzo(a)pyrene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	50-32-8	
Benzo(b)fluoranthene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 09:18	205-99-2	
Benzo(g,h,i)perylene	**<0.047**	mg/kg	0.39	0.047	1	02/17/16 06:51	02/19/16 09:18	191-24-2	
Benzo(k)fluoranthene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 09:18	207-08-9	
4-Bromophenylphenyl ether	**<0.041**	mg/kg	0.39	0.041	1	02/17/16 06:51	02/19/16 09:18	101-55-3	
Butylbenzylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	85-68-7	
Carbazole	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	86-74-8	
4-Chloro-3-methylphenol	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	59-50-7	
4-Chloroaniline	**<0.059**	mg/kg	0.39	0.059	1	02/17/16 06:51	02/19/16 09:18	106-47-8	
bis(2-Chloroethoxy)methane	**<0.075**	mg/kg	0.39	0.075	1	02/17/16 06:51	02/19/16 09:18	111-91-1	
bis(2-Chloroethyl) ether	**<0.027**	mg/kg	0.39	0.027	1	02/17/16 06:51	02/19/16 09:18	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.089**	mg/kg	0.39	0.089	1	02/17/16 06:51	02/19/16 09:18	108-60-1	
2-Chloronaphthalene	**<0.061**	mg/kg	0.39	0.061	1	02/17/16 06:51	02/19/16 09:18	91-58-7	
2-Chlorophenol	**<0.090**	mg/kg	0.39	0.090	1	02/17/16 06:51	02/19/16 09:18	95-57-8	
4-Chlorophenylphenyl ether	**<0.044**	mg/kg	0.39	0.044	1	02/17/16 06:51	02/19/16 09:18	7005-72-3	
Chrysene	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 09:18	218-01-9	
Dibenz(a,h)anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	53-70-3	
Dibenzofuran	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	132-64-9	
1,2-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 09:18	95-50-1	
1,3-Dichlorobenzene	**<0.024**	mg/kg	0.39	0.024	1	02/17/16 06:51	02/19/16 09:18	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.39	0.026	1	02/17/16 06:51	02/19/16 09:18	106-46-7	
3,3'-Dichlorobenzidine	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 09:18	91-94-1	
2,4-Dichlorophenol	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 09:18	120-83-2	
Diethylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	84-66-2	
2,4-Dimethylphenol	**<0.072**	mg/kg	0.39	0.072	1	02/17/16 06:51	02/19/16 09:18	105-67-9	
Dimethylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	131-11-3	
Di-n-butylphthalate	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 09:18	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.077**	mg/kg	2.0	0.077	1	02/17/16 06:51	02/19/16 09:18	534-52-1	
2,4-Dinitrophenol	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (3-5) **Lab ID: 10338253003** Collected: 02/10/16 10:45 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	121-14-2	
2,6-Dinitrotoluene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 09:18	606-20-2	
Di-n-octylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	117-84-0	
1,2-Diphenylhydrazine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.066**	mg/kg	0.39	0.066	1	02/17/16 06:51	02/19/16 09:18	117-81-7	
Fluoranthene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	206-44-0	
Fluorene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	86-73-7	
Hexachloro-1,3-butadiene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 09:18	87-68-3	
Hexachlorobenzene	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 09:18	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 09:18	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	193-39-5	
Isophorone	**<0.062**	mg/kg	0.39	0.062	1	02/17/16 06:51	02/19/16 09:18	78-59-1	
1-Methylnaphthalene	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 09:18	90-12-0	
2-Methylnaphthalene	**<0.069**	mg/kg	0.39	0.069	1	02/17/16 06:51	02/19/16 09:18	91-57-6	
2-Methylphenol(o-Cresol)	**<0.084**	mg/kg	0.39	0.084	1	02/17/16 06:51	02/19/16 09:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.077**	mg/kg	0.77	0.077	1	02/17/16 06:51	02/19/16 09:18		
Naphthalene	**<0.072**	mg/kg	0.39	0.072	1	02/17/16 06:51	02/19/16 09:18	91-20-3	
2-Nitroaniline	**<0.042**	mg/kg	0.39	0.042	1	02/17/16 06:51	02/19/16 09:18	88-74-4	
3-Nitroaniline	**<0.039**	mg/kg	0.39	0.039	1	02/17/16 06:51	02/19/16 09:18	99-09-2	
4-Nitroaniline	**<0.034**	mg/kg	0.39	0.034	1	02/17/16 06:51	02/19/16 09:18	100-01-6	
Nitrobenzene	**<0.078**	mg/kg	0.39	0.078	1	02/17/16 06:51	02/19/16 09:18	98-95-3	
2-Nitrophenol	**<0.066**	mg/kg	0.39	0.066	1	02/17/16 06:51	02/19/16 09:18	88-75-5	
4-Nitrophenol	**<0.040**	mg/kg	0.39	0.040	1	02/17/16 06:51	02/19/16 09:18	100-02-7	
N-Nitrosodimethylamine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	62-75-9	
N-Nitroso-di-n-propylamine	**<0.053**	mg/kg	0.39	0.053	1	02/17/16 06:51	02/19/16 09:18	621-64-7	
N-Nitrosodiphenylamine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 09:18	86-30-6	
Pentachlorophenol	**<0.19**	mg/kg	0.78	0.19	1	02/17/16 06:51	02/19/16 09:18	87-86-5	
Phenanthrene	**<0.055**	mg/kg	0.39	0.055	1	02/17/16 06:51	02/19/16 09:18	85-01-8	
Phenol	**<0.084**	mg/kg	0.39	0.084	1	02/17/16 06:51	02/19/16 09:18	108-95-2	
Pyrene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 09:18	129-00-0	
1,2,4-Trichlorobenzene	**<0.064**	mg/kg	0.39	0.064	1	02/17/16 06:51	02/19/16 09:18	120-82-1	
2,4,5-Trichlorophenol	**<0.046**	mg/kg	0.39	0.046	1	02/17/16 06:51	02/19/16 09:18	95-95-4	
2,4,6-Trichlorophenol	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 09:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 09:18	4165-60-0	
2-Fluorobiphenyl (S)	67	%.	30-130		1	02/17/16 06:51	02/19/16 09:18	321-60-8	
p-Terphenyl-d14 (S)	87	%.	30-148		1	02/17/16 06:51	02/19/16 09:18	1718-51-0	
Phenol-d6 (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 09:18	13127-88-3	
2-Fluorophenol (S)	65	%.	30-125		1	02/17/16 06:51	02/19/16 09:18	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	30-141		1	02/17/16 06:51	02/19/16 09:18	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.25**	mg/kg	1.1	0.25	1	02/12/16 13:53	02/15/16 14:49	67-64-1	
Allyl chloride	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 14:49	107-05-1	
Benzene	**<0.0079**	mg/kg	0.023	0.0079	1	02/12/16 13:53	02/15/16 14:49	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (3-5) **Lab ID: 10338253003** Collected: 02/10/16 10:45 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 14:49	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	74-97-5	
Bromodichloromethane	**<0.010**	mg/kg	0.057	0.010	1	02/12/16 13:53	02/15/16 14:49	75-27-4	
Bromoform	**<0.013**	mg/kg	0.23	0.013	1	02/12/16 13:53	02/15/16 14:49	75-25-2	
Bromomethane	**<0.099**	mg/kg	0.57	0.099	1	02/12/16 13:53	02/15/16 14:49	74-83-9	
2-Butanone (MEK)	**<0.094**	mg/kg	0.28	0.094	1	02/12/16 13:53	02/15/16 14:49	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 14:49	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 14:49	135-98-8	
tert-Butylbenzene	**<0.015**	mg/kg	0.057	0.015	1	02/12/16 13:53	02/15/16 14:49	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 14:49	56-23-5	
Chlorobenzene	**<0.0092**	mg/kg	0.057	0.0092	1	02/12/16 13:53	02/15/16 14:49	108-90-7	
Chloroethane	**<0.027**	mg/kg	0.57	0.027	1	02/12/16 13:53	02/15/16 14:49	75-00-3	
Chloroform	**<0.0095**	mg/kg	0.057	0.0095	1	02/12/16 13:53	02/15/16 14:49	67-66-3	
Chloromethane	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 14:49	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 14:49	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.044**	mg/kg	0.57	0.044	1	02/12/16 13:53	02/15/16 14:49	96-12-8	
Dibromochloromethane	**<0.0088**	mg/kg	0.23	0.0088	1	02/12/16 13:53	02/15/16 14:49	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0091**	mg/kg	0.057	0.0091	1	02/12/16 13:53	02/15/16 14:49	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.057	0.013	1	02/12/16 13:53	02/15/16 14:49	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 14:49	95-50-1	
1,3-Dichlorobenzene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 14:49	541-73-1	
1,4-Dichlorobenzene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 14:49	106-46-7	
Dichlorodifluoromethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 14:49	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.057	0.013	1	02/12/16 13:53	02/15/16 14:49	107-06-2	
1,1-Dichloroethene	**<0.013**	mg/kg	0.057	0.013	1	02/12/16 13:53	02/15/16 14:49	75-35-4	
cis-1,2-Dichloroethene	**<0.020**	mg/kg	0.057	0.020	1	02/12/16 13:53	02/15/16 14:49	156-59-2	
trans-1,2-Dichloroethene	**<0.0093**	mg/kg	0.057	0.0093	1	02/12/16 13:53	02/15/16 14:49	156-60-5	
Dichlorofluoromethane	**<0.053**	mg/kg	0.57	0.053	1	02/12/16 13:53	02/15/16 14:49	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 14:49	78-87-5	
1,3-Dichloropropane	**<0.0089**	mg/kg	0.057	0.0089	1	02/12/16 13:53	02/15/16 14:49	142-28-9	
2,2-Dichloropropane	**<0.023**	mg/kg	0.23	0.023	1	02/12/16 13:53	02/15/16 14:49	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	563-58-6	
cis-1,3-Dichloropropene	**<0.0059**	mg/kg	0.057	0.0059	1	02/12/16 13:53	02/15/16 14:49	10061-01-5	
trans-1,3-Dichloropropene	**<0.022**	mg/kg	0.057	0.022	1	02/12/16 13:53	02/15/16 14:49	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.018**	mg/kg	0.23	0.018	1	02/12/16 13:53	02/15/16 14:49	60-29-7	
Ethylbenzene	**<0.0085**	mg/kg	0.057	0.0085	1	02/12/16 13:53	02/15/16 14:49	100-41-4	
Hexachloro-1,3-butadiene	**<0.024**	mg/kg	0.28	0.024	1	02/12/16 13:53	02/15/16 14:49	87-68-3	
Isopropylbenzene (Cumene)	**<0.010**	mg/kg	0.057	0.010	1	02/12/16 13:53	02/15/16 14:49	98-82-8	
p-Isopropyltoluene	**<0.0099**	mg/kg	0.057	0.0099	1	02/12/16 13:53	02/15/16 14:49	99-87-6	
Methylene Chloride	**0.019J**	mg/kg	0.23	0.017	1	02/12/16 13:53	02/15/16 14:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.072**	mg/kg	0.28	0.072	1	02/12/16 13:53	02/15/16 14:49	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	1634-04-4	
Naphthalene	**<0.082**	mg/kg	0.23	0.082	1	02/12/16 13:53	02/15/16 14:49	91-20-3	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (3-5) **Lab ID: 10338253003** Collected: 02/10/16 10:45 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 14:49	103-65-1	
Styrene	**<0.0090**	mg/kg	0.057	0.0090	1	02/12/16 13:53	02/15/16 14:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 14:49	127-18-4	
Tetrahydrofuran	**<0.090**	mg/kg	2.3	0.090	1	02/12/16 13:53	02/15/16 14:49	109-99-9	
Toluene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	108-88-3	
1,2,3-Trichlorobenzene	**<0.022**	mg/kg	0.057	0.022	1	02/12/16 13:53	02/15/16 14:49	87-61-6	
1,2,4-Trichlorobenzene	**<0.010**	mg/kg	0.057	0.010	1	02/12/16 13:53	02/15/16 14:49	120-82-1	
1,1,1-Trichloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.057	0.016	1	02/12/16 13:53	02/15/16 14:49	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 14:49	79-01-6	
Trichlorofluoromethane	**0.74**	mg/kg	0.57	0.039	1	02/12/16 13:53	02/15/16 14:49	75-69-4	
1,2,3-Trichloropropane	**<0.016**	mg/kg	0.23	0.016	1	02/12/16 13:53	02/15/16 14:49	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.23	0.013	1	02/12/16 13:53	02/15/16 14:49	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 14:49	108-67-8	
Vinyl chloride	**<0.010**	mg/kg	0.023	0.010	1	02/12/16 13:53	02/15/16 14:49	75-01-4	
Xylene (Total)	**<0.034**	mg/kg	0.17	0.034	1	02/12/16 13:53	02/15/16 14:49	1330-20-7	
m&p-Xylene	**<0.024**	mg/kg	0.11	0.024	1	02/12/16 13:53	02/15/16 14:49	179601-23-1	
o-Xylene	**<0.0096**	mg/kg	0.057	0.0096	1	02/12/16 13:53	02/15/16 14:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	116	%.	75-129		1	02/12/16 13:53	02/15/16 14:49	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 14:49	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1	02/12/16 13:53	02/15/16 14:49	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**14.6**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.3**	mg/kg	11.7	2.3	1	02/16/16 08:01	02/18/16 15:29		N2
Surrogates									
1-Chloro-octadecane (S)	81	%.	40-140		1	02/16/16 08:01	02/18/16 15:29	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.024**	mg/kg	0.060	0.024	1	02/11/16 14:47	02/16/16 18:04	1634-04-4	N2
Benzene	**<0.0034**	mg/kg	0.030	0.0034	1	02/11/16 14:47	02/16/16 18:04	71-43-2	N2
Toluene	**<0.0053**	mg/kg	0.060	0.0053	1	02/11/16 14:47	02/16/16 18:04	108-88-3	N2
Ethylbenzene	**<0.0045**	mg/kg	0.060	0.0045	1	02/11/16 14:47	02/16/16 18:04	100-41-4	N2
m&p-Xylene	**<0.031**	mg/kg	0.12	0.031	1	02/11/16 14:47	02/16/16 18:04	179601-23-1	N2
o-Xylene	**<0.0073**	mg/kg	0.12	0.0073	1	02/11/16 14:47	02/16/16 18:04	95-47-6	N2
Xylene (Total)	**<0.039**	mg/kg	0.24	0.039	1	02/11/16 14:47	02/16/16 18:04	1330-20-7	N2
Naphthalene	**<0.023**	mg/kg	0.72	0.023	1	02/11/16 14:47	02/16/16 18:04	91-20-3	N2
Aromatic (C09-C10)	**<0.0060**	mg/kg	1.2	0.0060	1	02/11/16 14:47	02/16/16 18:04		N2
Aliphatic (C05-C08),Unadjusted	**<0.34**	mg/kg	6.0	0.34	1	02/11/16 14:47	02/16/16 18:04		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (3-5) **Lab ID: 10338253003** Collected: 02/10/16 10:45 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<1.0**	mg/kg	6.0	1.0	1	02/11/16 14:47	02/16/16 18:04		N2
Total Purgeable Hydro Carbons	**<0.44**	mg/kg	12.0	0.44	1	02/11/16 14:47	02/16/16 18:04		N2
Aliphatic, Adjusted(C05-C08)	**<0.34**	mg/kg	6.0	0.34	1	02/11/16 14:47	02/16/16 18:04		N2
Aliphatic, Adjusted(C09-C12)	**<1.0**	mg/kg	6.0	1.0	1	02/11/16 14:47	02/16/16 18:04		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	92	%.	70-130		1	02/11/16 14:47	02/16/16 18:04	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (5-8) **Lab ID: 10338253004** Collected: 02/10/16 10:55 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.3**	mg/kg	1.2	0.28	1	02/15/16 15:53	02/16/16 14:39	7440-38-2	
Barium	**118**	mg/kg	0.59	0.059	1	02/15/16 15:53	02/16/16 14:39	7440-39-3	
Cadmium	**<0.044**	mg/kg	0.18	0.044	1	02/15/16 15:53	02/16/16 14:39	7440-43-9	
Chromium	**17.1**	mg/kg	0.59	0.088	1	02/15/16 15:53	02/16/16 14:39	7440-47-3	
Lead	**5.9**	mg/kg	0.59	0.14	1	02/15/16 15:53	02/16/16 14:39	7439-92-1	
Selenium	**<0.47**	mg/kg	1.2	0.47	1	02/15/16 15:53	02/16/16 14:39	7782-49-2	
Silver	**<0.13**	mg/kg	0.59	0.13	1	02/15/16 15:53	02/16/16 14:39	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.014J**	mg/kg	0.021	0.0074	1	02/14/16 19:44	02/14/16 21:53	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.047**	mg/kg	0.41	0.047	1	02/17/16 06:51	02/19/16 11:35	83-32-9	
Acenaphthylene	**<0.054**	mg/kg	0.41	0.054	1	02/17/16 06:51	02/19/16 11:35	208-96-8	
Anthracene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	50-32-8	
Benzo(b)fluoranthene	**<0.052**	mg/kg	0.41	0.052	1	02/17/16 06:51	02/19/16 11:35	205-99-2	
Benzo(g,h,i)perylene	**<0.050**	mg/kg	0.41	0.050	1	02/17/16 06:51	02/19/16 11:35	191-24-2	
Benzo(k)fluoranthene	**<0.052**	mg/kg	0.41	0.052	1	02/17/16 06:51	02/19/16 11:35	207-08-9	
4-Bromophenylphenyl ether	**<0.044**	mg/kg	0.41	0.044	1	02/17/16 06:51	02/19/16 11:35	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	85-68-7	
Carbazole	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	59-50-7	
4-Chloroaniline	**<0.063**	mg/kg	0.41	0.063	1	02/17/16 06:51	02/19/16 11:35	106-47-8	
bis(2-Chloroethoxy)methane	**<0.080**	mg/kg	0.41	0.080	1	02/17/16 06:51	02/19/16 11:35	111-91-1	
bis(2-Chloroethyl) ether	**<0.029**	mg/kg	0.41	0.029	1	02/17/16 06:51	02/19/16 11:35	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.094**	mg/kg	0.41	0.094	1	02/17/16 06:51	02/19/16 11:35	108-60-1	
2-Chloronaphthalene	**<0.064**	mg/kg	0.41	0.064	1	02/17/16 06:51	02/19/16 11:35	91-58-7	
2-Chlorophenol	**<0.095**	mg/kg	0.41	0.095	1	02/17/16 06:51	02/19/16 11:35	95-57-8	
4-Chlorophenylphenyl ether	**<0.047**	mg/kg	0.41	0.047	1	02/17/16 06:51	02/19/16 11:35	7005-72-3	
Chrysene	**<0.055**	mg/kg	0.41	0.055	1	02/17/16 06:51	02/19/16 11:35	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	132-64-9	
1,2-Dichlorobenzene	**<0.026**	mg/kg	0.41	0.026	1	02/17/16 06:51	02/19/16 11:35	95-50-1	
1,3-Dichlorobenzene	**<0.026**	mg/kg	0.41	0.026	1	02/17/16 06:51	02/19/16 11:35	541-73-1	
1,4-Dichlorobenzene	**<0.027**	mg/kg	0.41	0.027	1	02/17/16 06:51	02/19/16 11:35	106-46-7	
3,3'-Dichlorobenzidine	**<0.057**	mg/kg	0.41	0.057	1	02/17/16 06:51	02/19/16 11:35	91-94-1	
2,4-Dichlorophenol	**<0.077**	mg/kg	0.41	0.077	1	02/17/16 06:51	02/19/16 11:35	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	84-66-2	
2,4-Dimethylphenol	**<0.077**	mg/kg	0.41	0.077	1	02/17/16 06:51	02/19/16 11:35	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	131-11-3	
Di-n-butylphthalate	**<0.057**	mg/kg	0.41	0.057	1	02/17/16 06:51	02/19/16 11:35	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.081**	mg/kg	2.1	0.081	1	02/17/16 06:51	02/19/16 11:35	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (5-8) **Lab ID: 10338253004** Collected: 02/10/16 10:55 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	121-14-2	
2,6-Dinitrotoluene	**<0.035**	mg/kg	0.41	0.035	1	02/17/16 06:51	02/19/16 11:35	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.070**	mg/kg	0.41	0.070	1	02/17/16 06:51	02/19/16 11:35	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	206-44-0	
Fluorene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	86-73-7	
Hexachloro-1,3-butadiene	**<0.034**	mg/kg	0.41	0.034	1	02/17/16 06:51	02/19/16 11:35	87-68-3	
Hexachlorobenzene	**<0.054**	mg/kg	0.41	0.054	1	02/17/16 06:51	02/19/16 11:35	118-74-1	
Hexachloroethane	**<0.026**	mg/kg	0.41	0.026	1	02/17/16 06:51	02/19/16 11:35	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	193-39-5	
Isophorone	**<0.065**	mg/kg	0.41	0.065	1	02/17/16 06:51	02/19/16 11:35	78-59-1	
1-Methylnaphthalene	**<0.071**	mg/kg	0.41	0.071	1	02/17/16 06:51	02/19/16 11:35	90-12-0	
2-Methylnaphthalene	**<0.073**	mg/kg	0.41	0.073	1	02/17/16 06:51	02/19/16 11:35	91-57-6	
2-Methylphenol(o-Cresol)	**<0.089**	mg/kg	0.41	0.089	1	02/17/16 06:51	02/19/16 11:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.082**	mg/kg	0.82	0.082	1	02/17/16 06:51	02/19/16 11:35		
Naphthalene	**<0.077**	mg/kg	0.41	0.077	1	02/17/16 06:51	02/19/16 11:35	91-20-3	
2-Nitroaniline	**<0.044**	mg/kg	0.41	0.044	1	02/17/16 06:51	02/19/16 11:35	88-74-4	
3-Nitroaniline	**<0.042**	mg/kg	0.41	0.042	1	02/17/16 06:51	02/19/16 11:35	99-09-2	
4-Nitroaniline	**<0.036**	mg/kg	0.41	0.036	1	02/17/16 06:51	02/19/16 11:35	100-01-6	
Nitrobenzene	**<0.083**	mg/kg	0.41	0.083	1	02/17/16 06:51	02/19/16 11:35	98-95-3	
2-Nitrophenol	**<0.070**	mg/kg	0.41	0.070	1	02/17/16 06:51	02/19/16 11:35	88-75-5	
4-Nitrophenol	**<0.043**	mg/kg	0.41	0.043	1	02/17/16 06:51	02/19/16 11:35	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	62-75-9	
N-Nitroso-di-n-propylamine	**<0.056**	mg/kg	0.41	0.056	1	02/17/16 06:51	02/19/16 11:35	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.41	0.20	1	02/17/16 06:51	02/19/16 11:35	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.83	0.20	1	02/17/16 06:51	02/19/16 11:35	87-86-5	
Phenanthrene	**<0.059**	mg/kg	0.41	0.059	1	02/17/16 06:51	02/19/16 11:35	85-01-8	
Phenol	**<0.089**	mg/kg	0.41	0.089	1	02/17/16 06:51	02/19/16 11:35	108-95-2	
Pyrene	**<0.052**	mg/kg	0.41	0.052	1	02/17/16 06:51	02/19/16 11:35	129-00-0	
1,2,4-Trichlorobenzene	**<0.067**	mg/kg	0.41	0.067	1	02/17/16 06:51	02/19/16 11:35	120-82-1	
2,4,5-Trichlorophenol	**<0.049**	mg/kg	0.41	0.049	1	02/17/16 06:51	02/19/16 11:35	95-95-4	
2,4,6-Trichlorophenol	**<0.053**	mg/kg	0.41	0.053	1	02/17/16 06:51	02/19/16 11:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%.	30-125		1	02/17/16 06:51	02/19/16 11:35	4165-60-0	
2-Fluorobiphenyl (S)	70	%.	30-130		1	02/17/16 06:51	02/19/16 11:35	321-60-8	
p-Terphenyl-d14 (S)	88	%.	30-148		1	02/17/16 06:51	02/19/16 11:35	1718-51-0	
Phenol-d6 (S)	68	%.	30-125		1	02/17/16 06:51	02/19/16 11:35	13127-88-3	
2-Fluorophenol (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 11:35	367-12-4	
2,4,6-Tribromophenol (S)	69	%.	30-141		1	02/17/16 06:51	02/19/16 11:35	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.27**	mg/kg	1.2	0.27	1	02/12/16 13:53	02/15/16 15:05	67-64-1	
Allyl chloride	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:05	107-05-1	
Benzene	**<0.0085**	mg/kg	0.024	0.0085	1	02/12/16 13:53	02/15/16 15:05	71-43-2	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (5-8) **Lab ID: 10338253004** Collected: 02/10/16 10:55 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.015**	mg/kg	0.061	0.015	1	02/12/16 13:53	02/15/16 15:05	108-86-1	
Bromochloromethane	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.061	0.011	1	02/12/16 13:53	02/15/16 15:05	75-27-4	
Bromoform	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:05	75-25-2	
Bromomethane	**<0.11**	mg/kg	0.61	0.11	1	02/12/16 13:53	02/15/16 15:05	74-83-9	
2-Butanone (MEK)	**<0.10**	mg/kg	0.30	0.10	1	02/12/16 13:53	02/15/16 15:05	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.24	0.011	1	02/12/16 13:53	02/15/16 15:05	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.061	0.016	1	02/12/16 13:53	02/15/16 15:05	98-06-6	
Carbon tetrachloride	**<0.015**	mg/kg	0.061	0.015	1	02/12/16 13:53	02/15/16 15:05	56-23-5	
Chlorobenzene	**<0.0099**	mg/kg	0.061	0.0099	1	02/12/16 13:53	02/15/16 15:05	108-90-7	
Chloroethane	**<0.029**	mg/kg	0.61	0.029	1	02/12/16 13:53	02/15/16 15:05	75-00-3	
Chloroform	**<0.010**	mg/kg	0.061	0.010	1	02/12/16 13:53	02/15/16 15:05	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.24	0.012	1	02/12/16 13:53	02/15/16 15:05	74-87-3	
2-Chlorotoluene	**<0.013**	mg/kg	0.061	0.013	1	02/12/16 13:53	02/15/16 15:05	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.061	0.011	1	02/12/16 13:53	02/15/16 15:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.047**	mg/kg	0.61	0.047	1	02/12/16 13:53	02/15/16 15:05	96-12-8	
Dibromochloromethane	**<0.0094**	mg/kg	0.24	0.0094	1	02/12/16 13:53	02/15/16 15:05	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0098**	mg/kg	0.061	0.0098	1	02/12/16 13:53	02/15/16 15:05	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.061	0.014	1	02/12/16 13:53	02/15/16 15:05	74-95-3	
1,2-Dichlorobenzene	**<0.015**	mg/kg	0.061	0.015	1	02/12/16 13:53	02/15/16 15:05	95-50-1	
1,3-Dichlorobenzene	**<0.015**	mg/kg	0.061	0.015	1	02/12/16 13:53	02/15/16 15:05	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.061	0.013	1	02/12/16 13:53	02/15/16 15:05	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:05	75-71-8	
1,1-Dichloroethane	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	75-34-3	
1,2-Dichloroethane	**<0.014**	mg/kg	0.061	0.014	1	02/12/16 13:53	02/15/16 15:05	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.061	0.014	1	02/12/16 13:53	02/15/16 15:05	75-35-4	
cis-1,2-Dichloroethene	**<0.022**	mg/kg	0.061	0.022	1	02/12/16 13:53	02/15/16 15:05	156-59-2	
trans-1,2-Dichloroethene	**<0.010**	mg/kg	0.061	0.010	1	02/12/16 13:53	02/15/16 15:05	156-60-5	
Dichlorofluoromethane	**<0.057**	mg/kg	0.61	0.057	1	02/12/16 13:53	02/15/16 15:05	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	78-87-5	
1,3-Dichloropropane	**<0.0095**	mg/kg	0.061	0.0095	1	02/12/16 13:53	02/15/16 15:05	142-28-9	
2,2-Dichloropropane	**<0.025**	mg/kg	0.24	0.025	1	02/12/16 13:53	02/15/16 15:05	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	563-58-6	
cis-1,3-Dichloropropene	**<0.0063**	mg/kg	0.061	0.0063	1	02/12/16 13:53	02/15/16 15:05	10061-01-5	
trans-1,3-Dichloropropene	**<0.024**	mg/kg	0.061	0.024	1	02/12/16 13:53	02/15/16 15:05	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.020**	mg/kg	0.24	0.020	1	02/12/16 13:53	02/15/16 15:05	60-29-7	
Ethylbenzene	**<0.0091**	mg/kg	0.061	0.0091	1	02/12/16 13:53	02/15/16 15:05	100-41-4	
Hexachloro-1,3-butadiene	**<0.026**	mg/kg	0.30	0.026	1	02/12/16 13:53	02/15/16 15:05	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.061	0.011	1	02/12/16 13:53	02/15/16 15:05	98-82-8	
p-Isopropyltoluene	**<0.011**	mg/kg	0.061	0.011	1	02/12/16 13:53	02/15/16 15:05	99-87-6	
Methylene Chloride	**0.024J**	mg/kg	0.24	0.018	1	02/12/16 13:53	02/15/16 15:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.078**	mg/kg	0.30	0.078	1	02/12/16 13:53	02/15/16 15:05	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.061	0.011	1	02/12/16 13:53	02/15/16 15:05	1634-04-4	
Naphthalene	**<0.088**	mg/kg	0.24	0.088	1	02/12/16 13:53	02/15/16 15:05	91-20-3	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (5-8) **Lab ID: 10338253004** Collected: 02/10/16 10:55 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.061	0.013	1	02/12/16 13:53	02/15/16 15:05	103-65-1	
Styrene	**<0.0097**	mg/kg	0.061	0.0097	1	02/12/16 13:53	02/15/16 15:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	79-34-5	
Tetrachloroethene	**<0.013**	mg/kg	0.061	0.013	1	02/12/16 13:53	02/15/16 15:05	127-18-4	
Tetrahydrofuran	**<0.096**	mg/kg	2.4	0.096	1	02/12/16 13:53	02/15/16 15:05	109-99-9	
Toluene	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	108-88-3	
1,2,3-Trichlorobenzene	**<0.024**	mg/kg	0.061	0.024	1	02/12/16 13:53	02/15/16 15:05	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.061	0.011	1	02/12/16 13:53	02/15/16 15:05	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	71-55-6	
1,1,2-Trichloroethane	**<0.017**	mg/kg	0.061	0.017	1	02/12/16 13:53	02/15/16 15:05	79-00-5	
Trichloroethene	**<0.015**	mg/kg	0.061	0.015	1	02/12/16 13:53	02/15/16 15:05	79-01-6	
Trichlorofluoromethane	**<0.042**	mg/kg	0.61	0.042	1	02/12/16 13:53	02/15/16 15:05	75-69-4	
1,2,3-Trichloropropane	**<0.017**	mg/kg	0.24	0.017	1	02/12/16 13:53	02/15/16 15:05	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 15:05	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.012**	mg/kg	0.061	0.012	1	02/12/16 13:53	02/15/16 15:05	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.024	0.011	1	02/12/16 13:53	02/15/16 15:05	75-01-4	
Xylene (Total)	**<0.036**	mg/kg	0.18	0.036	1	02/12/16 13:53	02/15/16 15:05	1330-20-7	
m&p-Xylene	**<0.026**	mg/kg	0.12	0.026	1	02/12/16 13:53	02/15/16 15:05	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.061	0.010	1	02/12/16 13:53	02/15/16 15:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-129		1	02/12/16 13:53	02/15/16 15:05	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 15:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 15:05	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**19.6**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.4**	mg/kg	12.4	2.4	1	02/16/16 08:01	02/18/16 16:02		N2
Surrogates									
1-Chloro-octadecane (S)	58	%.	40-140		1	02/16/16 08:01	02/18/16 16:02	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.025**	mg/kg	0.062	0.025	1	02/11/16 14:47	02/16/16 18:31	1634-04-4	N2
Benzene	**<0.0035**	mg/kg	0.031	0.0035	1	02/11/16 14:47	02/16/16 18:31	71-43-2	N2
Toluene	**<0.0054**	mg/kg	0.062	0.0054	1	02/11/16 14:47	02/16/16 18:31	108-88-3	N2
Ethylbenzene	**<0.0046**	mg/kg	0.062	0.0046	1	02/11/16 14:47	02/16/16 18:31	100-41-4	N2
m&p-Xylene	**<0.032**	mg/kg	0.12	0.032	1	02/11/16 14:47	02/16/16 18:31	179601-23-1	N2
o-Xylene	**<0.0075**	mg/kg	0.12	0.0075	1	02/11/16 14:47	02/16/16 18:31	95-47-6	N2
Xylene (Total)	**<0.039**	mg/kg	0.25	0.039	1	02/11/16 14:47	02/16/16 18:31	1330-20-7	N2
Naphthalene	**<0.023**	mg/kg	0.74	0.023	1	02/11/16 14:47	02/16/16 18:31	91-20-3	N2
Aromatic (C09-C10)	**<0.0062**	mg/kg	1.2	0.0062	1	02/11/16 14:47	02/16/16 18:31		N2
Aliphatic (C05-C08),Unadjusted	**<0.35**	mg/kg	6.2	0.35	1	02/11/16 14:47	02/16/16 18:31		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-2 (5-8) **Lab ID: 10338253004** Collected: 02/10/16 10:55 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<1.0**	mg/kg	6.2	1.0	1	02/11/16 14:47	02/16/16 18:31		N2
Total Purgeable Hydro Carbons	**<0.45**	mg/kg	12.3	0.45	1	02/11/16 14:47	02/16/16 18:31		N2
Aliphatic, Adjusted(C05-C08)	**<0.35**	mg/kg	6.2	0.35	1	02/11/16 14:47	02/16/16 18:31		N2
Aliphatic, Adjusted(C09-C12)	**<1.0**	mg/kg	6.2	1.0	1	02/11/16 14:47	02/16/16 18:31		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	84	%.	70-130		1	02/11/16 14:47	02/16/16 18:31	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (3-5) **Lab ID: 10338253005** Collected: 02/10/16 12:05 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**7.3**	mg/kg	0.88	0.21	1	02/15/16 15:53	02/16/16 14:43	7440-38-2	
Barium	**140**	mg/kg	0.44	0.044	1	02/15/16 15:53	02/16/16 14:43	7440-39-3	
Cadmium	**0.40**	mg/kg	0.13	0.033	1	02/15/16 15:53	02/16/16 14:43	7440-43-9	
Chromium	**11.6**	mg/kg	0.44	0.066	1	02/15/16 15:53	02/16/16 14:43	7440-47-3	
Lead	**65.2**	mg/kg	0.44	0.11	1	02/15/16 15:53	02/16/16 14:43	7439-92-1	
Selenium	**<0.36**	mg/kg	0.88	0.36	1	02/15/16 15:53	02/16/16 14:43	7782-49-2	
Silver	**<0.10**	mg/kg	0.44	0.10	1	02/15/16 15:53	02/16/16 14:43	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.048**	mg/kg	0.020	0.0071	1	02/14/16 19:44	02/14/16 21:55	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 12:02	83-32-9	
Acenaphthylene	**<0.053**	mg/kg	0.40	0.053	1	02/17/16 06:51	02/19/16 12:02	208-96-8	
Anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	50-32-8	
Benzo(b)fluoranthene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 12:02	205-99-2	
Benzo(g,h,i)perylene	**<0.049**	mg/kg	0.40	0.049	1	02/17/16 06:51	02/19/16 12:02	191-24-2	
Benzo(k)fluoranthene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 12:02	207-08-9	
4-Bromophenylphenyl ether	**<0.043**	mg/kg	0.40	0.043	1	02/17/16 06:51	02/19/16 12:02	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	85-68-7	
Carbazole	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	59-50-7	
4-Chloroaniline	**<0.062**	mg/kg	0.40	0.062	1	02/17/16 06:51	02/19/16 12:02	106-47-8	
bis(2-Chloroethoxy)methane	**<0.078**	mg/kg	0.40	0.078	1	02/17/16 06:51	02/19/16 12:02	111-91-1	
bis(2-Chloroethyl) ether	**<0.028**	mg/kg	0.40	0.028	1	02/17/16 06:51	02/19/16 12:02	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.093**	mg/kg	0.40	0.093	1	02/17/16 06:51	02/19/16 12:02	108-60-1	
2-Chloronaphthalene	**<0.063**	mg/kg	0.40	0.063	1	02/17/16 06:51	02/19/16 12:02	91-58-7	
2-Chlorophenol	**<0.094**	mg/kg	0.40	0.094	1	02/17/16 06:51	02/19/16 12:02	95-57-8	
4-Chlorophenylphenyl ether	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 12:02	7005-72-3	
Chrysene	**<0.054**	mg/kg	0.40	0.054	1	02/17/16 06:51	02/19/16 12:02	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	132-64-9	
1,2-Dichlorobenzene	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 12:02	95-50-1	
1,3-Dichlorobenzene	**<0.025**	mg/kg	0.40	0.025	1	02/17/16 06:51	02/19/16 12:02	541-73-1	
1,4-Dichlorobenzene	**<0.027**	mg/kg	0.40	0.027	1	02/17/16 06:51	02/19/16 12:02	106-46-7	
3,3'-Dichlorobenzidine	**<0.056**	mg/kg	0.40	0.056	1	02/17/16 06:51	02/19/16 12:02	91-94-1	
2,4-Dichlorophenol	**<0.076**	mg/kg	0.40	0.076	1	02/17/16 06:51	02/19/16 12:02	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	84-66-2	
2,4-Dimethylphenol	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 12:02	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	131-11-3	
Di-n-butylphthalate	**<0.056**	mg/kg	0.40	0.056	1	02/17/16 06:51	02/19/16 12:02	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.080**	mg/kg	2.1	0.080	1	02/17/16 06:51	02/19/16 12:02	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	51-28-5	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (3-5) **Lab ID: 10338253005** Collected: 02/10/16 12:05 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	121-14-2	
2,6-Dinitrotoluene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 12:02	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 12:02	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	206-44-0	
Fluorene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	86-73-7	
Hexachloro-1,3-butadiene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 12:02	87-68-3	
Hexachlorobenzene	**<0.053**	mg/kg	0.40	0.053	1	02/17/16 06:51	02/19/16 12:02	118-74-1	
Hexachloroethane	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 12:02	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	193-39-5	
Isophorone	**<0.064**	mg/kg	0.40	0.064	1	02/17/16 06:51	02/19/16 12:02	78-59-1	
1-Methylnaphthalene	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 12:02	90-12-0	
2-Methylnaphthalene	**<0.072**	mg/kg	0.40	0.072	1	02/17/16 06:51	02/19/16 12:02	91-57-6	
2-Methylphenol(o-Cresol)	**<0.087**	mg/kg	0.40	0.087	1	02/17/16 06:51	02/19/16 12:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.080**	mg/kg	0.80	0.080	1	02/17/16 06:51	02/19/16 12:02		
Naphthalene	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 12:02	91-20-3	
2-Nitroaniline	**<0.044**	mg/kg	0.40	0.044	1	02/17/16 06:51	02/19/16 12:02	88-74-4	
3-Nitroaniline	**<0.041**	mg/kg	0.40	0.041	1	02/17/16 06:51	02/19/16 12:02	99-09-2	
4-Nitroaniline	**<0.035**	mg/kg	0.40	0.035	1	02/17/16 06:51	02/19/16 12:02	100-01-6	
Nitrobenzene	**<0.081**	mg/kg	0.40	0.081	1	02/17/16 06:51	02/19/16 12:02	98-95-3	
2-Nitrophenol	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 12:02	88-75-5	
4-Nitrophenol	**<0.042**	mg/kg	0.40	0.042	1	02/17/16 06:51	02/19/16 12:02	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	62-75-9	
N-Nitroso-di-n-propylamine	**<0.055**	mg/kg	0.40	0.055	1	02/17/16 06:51	02/19/16 12:02	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:02	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.81	0.20	1	02/17/16 06:51	02/19/16 12:02	87-86-5	
Phenanthrene	**<0.057**	mg/kg	0.40	0.057	1	02/17/16 06:51	02/19/16 12:02	85-01-8	
Phenol	**<0.088**	mg/kg	0.40	0.088	1	02/17/16 06:51	02/19/16 12:02	108-95-2	
Pyrene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 12:02	129-00-0	
1,2,4-Trichlorobenzene	**<0.066**	mg/kg	0.40	0.066	1	02/17/16 06:51	02/19/16 12:02	120-82-1	
2,4,5-Trichlorophenol	**<0.048**	mg/kg	0.40	0.048	1	02/17/16 06:51	02/19/16 12:02	95-95-4	
2,4,6-Trichlorophenol	**<0.052**	mg/kg	0.40	0.052	1	02/17/16 06:51	02/19/16 12:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%.	30-125		1	02/17/16 06:51	02/19/16 12:02	4165-60-0	
2-Fluorobiphenyl (S)	84	%.	30-130		1	02/17/16 06:51	02/19/16 12:02	321-60-8	
p-Terphenyl-d14 (S)	91	%.	30-148		1	02/17/16 06:51	02/19/16 12:02	1718-51-0	
Phenol-d6 (S)	79	%.	30-125		1	02/17/16 06:51	02/19/16 12:02	13127-88-3	
2-Fluorophenol (S)	74	%.	30-125		1	02/17/16 06:51	02/19/16 12:02	367-12-4	
2,4,6-Tribromophenol (S)	80	%.	30-141		1	02/17/16 06:51	02/19/16 12:02	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.27**	mg/kg	1.2	0.27	1	02/12/16 13:53	02/15/16 15:21	67-64-1	
Allyl chloride	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:21	107-05-1	
Benzene	**<0.0084**	mg/kg	0.024	0.0084	1	02/12/16 13:53	02/15/16 15:21	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (3-5) **Lab ID: 10338253005** Collected: 02/10/16 12:05 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 15:21	108-86-1	
Bromochloromethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:21	75-27-4	
Bromoform	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 15:21	75-25-2	
Bromomethane	**<0.11**	mg/kg	0.60	0.11	1	02/12/16 13:53	02/15/16 15:21	74-83-9	
2-Butanone (MEK)	**<0.10**	mg/kg	0.30	0.10	1	02/12/16 13:53	02/15/16 15:21	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.24	0.011	1	02/12/16 13:53	02/15/16 15:21	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 15:21	98-06-6	
Carbon tetrachloride	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 15:21	56-23-5	
Chlorobenzene	**<0.0098**	mg/kg	0.060	0.0098	1	02/12/16 13:53	02/15/16 15:21	108-90-7	
Chloroethane	**<0.029**	mg/kg	0.60	0.029	1	02/12/16 13:53	02/15/16 15:21	75-00-3	
Chloroform	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 15:21	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.24	0.012	1	02/12/16 13:53	02/15/16 15:21	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.047**	mg/kg	0.60	0.047	1	02/12/16 13:53	02/15/16 15:21	96-12-8	
Dibromochloromethane	**<0.0093**	mg/kg	0.24	0.0093	1	02/12/16 13:53	02/15/16 15:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0097**	mg/kg	0.060	0.0097	1	02/12/16 13:53	02/15/16 15:21	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:21	74-95-3	
1,2-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 15:21	95-50-1	
1,3-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 15:21	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 15:21	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:21	75-71-8	
1,1-Dichloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	75-34-3	
1,2-Dichloroethane	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:21	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:21	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.060	0.021	1	02/12/16 13:53	02/15/16 15:21	156-59-2	
trans-1,2-Dichloroethene	**<0.0099**	mg/kg	0.060	0.0099	1	02/12/16 13:53	02/15/16 15:21	156-60-5	
Dichlorofluoromethane	**<0.057**	mg/kg	0.60	0.057	1	02/12/16 13:53	02/15/16 15:21	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	78-87-5	
1,3-Dichloropropane	**<0.0094**	mg/kg	0.060	0.0094	1	02/12/16 13:53	02/15/16 15:21	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.24	0.024	1	02/12/16 13:53	02/15/16 15:21	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	563-58-6	
cis-1,3-Dichloropropene	**<0.0063**	mg/kg	0.060	0.0063	1	02/12/16 13:53	02/15/16 15:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 15:21	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.020**	mg/kg	0.24	0.020	1	02/12/16 13:53	02/15/16 15:21	60-29-7	
Ethylbenzene	**<0.0090**	mg/kg	0.060	0.0090	1	02/12/16 13:53	02/15/16 15:21	100-41-4	
Hexachloro-1,3-butadiene	**<0.026**	mg/kg	0.30	0.026	1	02/12/16 13:53	02/15/16 15:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:21	98-82-8	
p-Isopropyltoluene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:21	99-87-6	
Methylene Chloride	**0.031J**	mg/kg	0.24	0.018	1	02/12/16 13:53	02/15/16 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.077**	mg/kg	0.30	0.077	1	02/12/16 13:53	02/15/16 15:21	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:21	1634-04-4	
Naphthalene	**<0.087**	mg/kg	0.24	0.087	1	02/12/16 13:53	02/15/16 15:21	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (3-5) **Lab ID: 10338253005** Collected: 02/10/16 12:05 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 15:21	103-65-1	
Styrene	**<0.0096**	mg/kg	0.060	0.0096	1	02/12/16 13:53	02/15/16 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	127-18-4	
Tetrahydrofuran	**<0.095**	mg/kg	2.4	0.095	1	02/12/16 13:53	02/15/16 15:21	109-99-9	
Toluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 15:21	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:21	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	71-55-6	
1,1,2-Trichloroethane	**<0.017**	mg/kg	0.060	0.017	1	02/12/16 13:53	02/15/16 15:21	79-00-5	
Trichloroethene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 15:21	79-01-6	
Trichlorofluoromethane	**<0.042**	mg/kg	0.60	0.042	1	02/12/16 13:53	02/15/16 15:21	75-69-4	
1,2,3-Trichloropropane	**<0.017**	mg/kg	0.24	0.017	1	02/12/16 13:53	02/15/16 15:21	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 15:21	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:21	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.024	0.011	1	02/12/16 13:53	02/15/16 15:21	75-01-4	
Xylene (Total)	**<0.036**	mg/kg	0.18	0.036	1	02/12/16 13:53	02/15/16 15:21	1330-20-7	
m&p-Xylene	**<0.026**	mg/kg	0.12	0.026	1	02/12/16 13:53	02/15/16 15:21	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 15:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%.	75-129		1	02/12/16 13:53	02/15/16 15:21	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1	02/12/16 13:53	02/15/16 15:21	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 15:21	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**17.8**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**52.4**	mg/kg	24.3	4.7	2	02/16/16 08:01	02/19/16 09:17		N2
Surrogates									
1-Chloro-octadecane (S)	77	%.	40-140		2	02/16/16 08:01	02/19/16 09:17	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.024**	mg/kg	0.061	0.024	1	02/11/16 14:47	02/16/16 18:58	1634-04-4	N2
Benzene	**<0.0034**	mg/kg	0.030	0.0034	1	02/11/16 14:47	02/16/16 18:58	71-43-2	N2
Toluene	**<0.0054**	mg/kg	0.061	0.0054	1	02/11/16 14:47	02/16/16 18:58	108-88-3	N2
Ethylbenzene	**<0.0045**	mg/kg	0.061	0.0045	1	02/11/16 14:47	02/16/16 18:58	100-41-4	N2
m&p-Xylene	**<0.031**	mg/kg	0.12	0.031	1	02/11/16 14:47	02/16/16 18:58	179601-23-1	N2
o-Xylene	**<0.0074**	mg/kg	0.12	0.0074	1	02/11/16 14:47	02/16/16 18:58	95-47-6	N2
Xylene (Total)	**<0.039**	mg/kg	0.24	0.039	1	02/11/16 14:47	02/16/16 18:58	1330-20-7	N2
Naphthalene	**<0.023**	mg/kg	0.73	0.023	1	02/11/16 14:47	02/16/16 18:58	91-20-3	N2
Aromatic (C09-C10)	**0.020J**	mg/kg	1.2	0.0061	1	02/11/16 14:47	02/16/16 18:58		N2
Aliphatic (C05-C08),Unadjusted	**<0.34**	mg/kg	6.1	0.34	1	02/11/16 14:47	02/16/16 18:58		N2

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (3-5) **Lab ID: 10338253005** Collected: 02/10/16 12:05 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<1.0**	mg/kg	6.1	1.0	1	02/11/16 14:47	02/16/16 18:58		N2
Total Purgeable Hydro Carbons	**<0.45**	mg/kg	12.2	0.45	1	02/11/16 14:47	02/16/16 18:58		N2
Aliphatic, Adjusted(C05-C08)	**<0.34**	mg/kg	6.1	0.34	1	02/11/16 14:47	02/16/16 18:58		N2
Aliphatic, Adjusted(C09-C12)	**<1.0**	mg/kg	6.1	1.0	1	02/11/16 14:47	02/16/16 18:58		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	83	%.	70-130		1	02/11/16 14:47	02/16/16 18:58	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (7-9) **Lab ID: 10338253006** Collected: 02/10/16 12:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**9.1**	mg/kg	0.92	0.22	1	02/15/16 15:53	02/16/16 14:46	7440-38-2	
Barium	**100**	mg/kg	0.46	0.046	1	02/15/16 15:53	02/16/16 14:46	7440-39-3	
Cadmium	**0.089J**	mg/kg	0.14	0.035	1	02/15/16 15:53	02/16/16 14:46	7440-43-9	
Chromium	**15.6**	mg/kg	0.46	0.069	1	02/15/16 15:53	02/16/16 14:46	7440-47-3	
Lead	**9.4**	mg/kg	0.46	0.11	1	02/15/16 15:53	02/16/16 14:46	7439-92-1	
Selenium	**<0.37**	mg/kg	0.92	0.37	1	02/15/16 15:53	02/16/16 14:46	7782-49-2	
Silver	**<0.11**	mg/kg	0.46	0.11	1	02/15/16 15:53	02/16/16 14:46	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.0089J**	mg/kg	0.022	0.0077	1	02/14/16 19:44	02/14/16 21:58	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 12:29	83-32-9	
Acenaphthylene	**<0.053**	mg/kg	0.40	0.053	1	02/17/16 06:51	02/19/16 12:29	208-96-8	
Anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	50-32-8	
Benzo(b)fluoranthene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 12:29	205-99-2	
Benzo(g,h,i)perylene	**<0.049**	mg/kg	0.40	0.049	1	02/17/16 06:51	02/19/16 12:29	191-24-2	
Benzo(k)fluoranthene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 12:29	207-08-9	
4-Bromophenylphenyl ether	**<0.043**	mg/kg	0.40	0.043	1	02/17/16 06:51	02/19/16 12:29	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	85-68-7	
Carbazole	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	59-50-7	
4-Chloroaniline	**<0.062**	mg/kg	0.40	0.062	1	02/17/16 06:51	02/19/16 12:29	106-47-8	
bis(2-Chloroethoxy)methane	**<0.079**	mg/kg	0.40	0.079	1	02/17/16 06:51	02/19/16 12:29	111-91-1	
bis(2-Chloroethyl) ether	**<0.028**	mg/kg	0.40	0.028	1	02/17/16 06:51	02/19/16 12:29	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.093**	mg/kg	0.40	0.093	1	02/17/16 06:51	02/19/16 12:29	108-60-1	
2-Chloronaphthalene	**<0.063**	mg/kg	0.40	0.063	1	02/17/16 06:51	02/19/16 12:29	91-58-7	
2-Chlorophenol	**<0.094**	mg/kg	0.40	0.094	1	02/17/16 06:51	02/19/16 12:29	95-57-8	
4-Chlorophenylphenyl ether	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 12:29	7005-72-3	
Chrysene	**<0.054**	mg/kg	0.40	0.054	1	02/17/16 06:51	02/19/16 12:29	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	132-64-9	
1,2-Dichlorobenzene	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 12:29	95-50-1	
1,3-Dichlorobenzene	**<0.025**	mg/kg	0.40	0.025	1	02/17/16 06:51	02/19/16 12:29	541-73-1	
1,4-Dichlorobenzene	**<0.027**	mg/kg	0.40	0.027	1	02/17/16 06:51	02/19/16 12:29	106-46-7	
3,3'-Dichlorobenzidine	**<0.056**	mg/kg	0.40	0.056	1	02/17/16 06:51	02/19/16 12:29	91-94-1	
2,4-Dichlorophenol	**<0.076**	mg/kg	0.40	0.076	1	02/17/16 06:51	02/19/16 12:29	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	84-66-2	
2,4-Dimethylphenol	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 12:29	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	131-11-3	
Di-n-butylphthalate	**<0.056**	mg/kg	0.40	0.056	1	02/17/16 06:51	02/19/16 12:29	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.080**	mg/kg	2.1	0.080	1	02/17/16 06:51	02/19/16 12:29	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (7-9) **Lab ID: 10338253006** Collected: 02/10/16 12:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	121-14-2	
2,6-Dinitrotoluene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 12:29	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 12:29	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	206-44-0	
Fluorene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	86-73-7	
Hexachloro-1,3-butadiene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 12:29	87-68-3	
Hexachlorobenzene	**<0.053**	mg/kg	0.40	0.053	1	02/17/16 06:51	02/19/16 12:29	118-74-1	
Hexachloroethane	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 12:29	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	193-39-5	
Isophorone	**<0.064**	mg/kg	0.40	0.064	1	02/17/16 06:51	02/19/16 12:29	78-59-1	
1-Methylnaphthalene	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 12:29	90-12-0	
2-Methylnaphthalene	**<0.072**	mg/kg	0.40	0.072	1	02/17/16 06:51	02/19/16 12:29	91-57-6	
2-Methylphenol(o-Cresol)	**<0.087**	mg/kg	0.40	0.087	1	02/17/16 06:51	02/19/16 12:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.080**	mg/kg	0.80	0.080	1	02/17/16 06:51	02/19/16 12:29		
Naphthalene	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 12:29	91-20-3	
2-Nitroaniline	**<0.044**	mg/kg	0.40	0.044	1	02/17/16 06:51	02/19/16 12:29	88-74-4	
3-Nitroaniline	**<0.041**	mg/kg	0.40	0.041	1	02/17/16 06:51	02/19/16 12:29	99-09-2	
4-Nitroaniline	**<0.035**	mg/kg	0.40	0.035	1	02/17/16 06:51	02/19/16 12:29	100-01-6	
Nitrobenzene	**<0.081**	mg/kg	0.40	0.081	1	02/17/16 06:51	02/19/16 12:29	98-95-3	
2-Nitrophenol	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 12:29	88-75-5	
4-Nitrophenol	**<0.042**	mg/kg	0.40	0.042	1	02/17/16 06:51	02/19/16 12:29	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	62-75-9	
N-Nitroso-di-n-propylamine	**<0.055**	mg/kg	0.40	0.055	1	02/17/16 06:51	02/19/16 12:29	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 12:29	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.82	0.20	1	02/17/16 06:51	02/19/16 12:29	87-86-5	
Phenanthrene	**<0.057**	mg/kg	0.40	0.057	1	02/17/16 06:51	02/19/16 12:29	85-01-8	
Phenol	**<0.088**	mg/kg	0.40	0.088	1	02/17/16 06:51	02/19/16 12:29	108-95-2	
Pyrene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 12:29	129-00-0	
1,2,4-Trichlorobenzene	**<0.066**	mg/kg	0.40	0.066	1	02/17/16 06:51	02/19/16 12:29	120-82-1	
2,4,5-Trichlorophenol	**<0.048**	mg/kg	0.40	0.048	1	02/17/16 06:51	02/19/16 12:29	95-95-4	
2,4,6-Trichlorophenol	**<0.052**	mg/kg	0.40	0.052	1	02/17/16 06:51	02/19/16 12:29	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%.	30-125		1	02/17/16 06:51	02/19/16 12:29	4165-60-0	
2-Fluorobiphenyl (S)	73	%.	30-130		1	02/17/16 06:51	02/19/16 12:29	321-60-8	
p-Terphenyl-d14 (S)	85	%.	30-148		1	02/17/16 06:51	02/19/16 12:29	1718-51-0	
Phenol-d6 (S)	72	%.	30-125		1	02/17/16 06:51	02/19/16 12:29	13127-88-3	
2-Fluorophenol (S)	71	%.	30-125		1	02/17/16 06:51	02/19/16 12:29	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	30-141		1	02/17/16 06:51	02/19/16 12:29	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.27**	mg/kg	1.2	0.27	1	02/12/16 13:53	02/15/16 15:37	67-64-1	
Allyl chloride	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:37	107-05-1	
Benzene	**<0.0084**	mg/kg	0.024	0.0084	1	02/12/16 13:53	02/15/16 15:37	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (7-9) **Lab ID: 10338253006** Collected: 02/10/16 12:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:37	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	75-27-4	
Bromoform	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 15:37	75-25-2	
Bromomethane	**<0.10**	mg/kg	0.60	0.10	1	02/12/16 13:53	02/15/16 15:37	74-83-9	
2-Butanone (MEK)	**<0.099**	mg/kg	0.30	0.099	1	02/12/16 13:53	02/15/16 15:37	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.24	0.011	1	02/12/16 13:53	02/15/16 15:37	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 15:37	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:37	56-23-5	
Chlorobenzene	**<0.0097**	mg/kg	0.060	0.0097	1	02/12/16 13:53	02/15/16 15:37	108-90-7	
Chloroethane	**<0.029**	mg/kg	0.60	0.029	1	02/12/16 13:53	02/15/16 15:37	75-00-3	
Chloroform	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 15:37	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.24	0.012	1	02/12/16 13:53	02/15/16 15:37	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.046**	mg/kg	0.60	0.046	1	02/12/16 13:53	02/15/16 15:37	96-12-8	
Dibromochloromethane	**<0.0093**	mg/kg	0.24	0.0093	1	02/12/16 13:53	02/15/16 15:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0096**	mg/kg	0.060	0.0096	1	02/12/16 13:53	02/15/16 15:37	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:37	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:37	95-50-1	
1,3-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 15:37	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 15:37	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 15:37	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 15:37	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:37	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.060	0.021	1	02/12/16 13:53	02/15/16 15:37	156-59-2	
trans-1,2-Dichloroethene	**<0.0098**	mg/kg	0.060	0.0098	1	02/12/16 13:53	02/15/16 15:37	156-60-5	
Dichlorofluoromethane	**<0.056**	mg/kg	0.60	0.056	1	02/12/16 13:53	02/15/16 15:37	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	78-87-5	
1,3-Dichloropropane	**<0.0094**	mg/kg	0.060	0.0094	1	02/12/16 13:53	02/15/16 15:37	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.24	0.024	1	02/12/16 13:53	02/15/16 15:37	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	563-58-6	
cis-1,3-Dichloropropene	**<0.0062**	mg/kg	0.060	0.0062	1	02/12/16 13:53	02/15/16 15:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 15:37	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.019**	mg/kg	0.24	0.019	1	02/12/16 13:53	02/15/16 15:37	60-29-7	
Ethylbenzene	**<0.0089**	mg/kg	0.060	0.0089	1	02/12/16 13:53	02/15/16 15:37	100-41-4	
Hexachloro-1,3-butadiene	**<0.025**	mg/kg	0.30	0.025	1	02/12/16 13:53	02/15/16 15:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	98-82-8	
p-Isopropyltoluene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 15:37	99-87-6	
Methylene Chloride	**0.020J**	mg/kg	0.24	0.018	1	02/12/16 13:53	02/15/16 15:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.076**	mg/kg	0.30	0.076	1	02/12/16 13:53	02/15/16 15:37	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	1634-04-4	
Naphthalene	**<0.086**	mg/kg	0.24	0.086	1	02/12/16 13:53	02/15/16 15:37	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (7-9) **Lab ID: 10338253006** Collected: 02/10/16 12:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 15:37	103-65-1	
Styrene	**<0.0095**	mg/kg	0.060	0.0095	1	02/12/16 13:53	02/15/16 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	127-18-4	
Tetrahydrofuran	**<0.095**	mg/kg	2.4	0.095	1	02/12/16 13:53	02/15/16 15:37	109-99-9	
Toluene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 15:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 15:37	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 15:37	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 15:37	79-01-6	
Trichlorofluoromethane	**<0.041**	mg/kg	0.60	0.041	1	02/12/16 13:53	02/15/16 15:37	75-69-4	
1,2,3-Trichloropropane	**<0.017**	mg/kg	0.24	0.017	1	02/12/16 13:53	02/15/16 15:37	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 15:37	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 15:37	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.024	0.011	1	02/12/16 13:53	02/15/16 15:37	75-01-4	
Xylene (Total)	**<0.036**	mg/kg	0.18	0.036	1	02/12/16 13:53	02/15/16 15:37	1330-20-7	
m&p-Xylene	**<0.026**	mg/kg	0.12	0.026	1	02/12/16 13:53	02/15/16 15:37	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 15:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-129		1	02/12/16 13:53	02/15/16 15:37	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 15:37	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 15:37	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**18.2**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.4**	mg/kg	12.2	2.4	1	02/16/16 08:01	02/18/16 20:45		N2
Surrogates									
1-Chloro-octadecane (S)	80	%.	40-140		1	02/16/16 08:01	02/18/16 20:45	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.024**	mg/kg	0.060	0.024	1	02/11/16 14:47	02/16/16 19:25	1634-04-4	N2
Benzene	**<0.0034**	mg/kg	0.030	0.0034	1	02/11/16 14:47	02/16/16 19:25	71-43-2	N2
Toluene	**<0.0053**	mg/kg	0.060	0.0053	1	02/11/16 14:47	02/16/16 19:25	108-88-3	N2
Ethylbenzene	**<0.0044**	mg/kg	0.060	0.0044	1	02/11/16 14:47	02/16/16 19:25	100-41-4	N2
m&p-Xylene	**<0.031**	mg/kg	0.12	0.031	1	02/11/16 14:47	02/16/16 19:25	179601-23-1	N2
o-Xylene	**<0.0073**	mg/kg	0.12	0.0073	1	02/11/16 14:47	02/16/16 19:25	95-47-6	N2
Xylene (Total)	**<0.038**	mg/kg	0.24	0.038	1	02/11/16 14:47	02/16/16 19:25	1330-20-7	N2
Naphthalene	**<0.023**	mg/kg	0.72	0.023	1	02/11/16 14:47	02/16/16 19:25	91-20-3	N2
Aromatic (C09-C10)	**0.016J**	mg/kg	1.2	0.0060	1	02/11/16 14:47	02/16/16 19:25		N2
Aliphatic (C05-C08),Unadjusted	**<0.34**	mg/kg	6.0	0.34	1	02/11/16 14:47	02/16/16 19:25		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-3 (7-9) **Lab ID: 10338253006** Collected: 02/10/16 12:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<1.0**	mg/kg	6.0	1.0	1	02/11/16 14:47	02/16/16 19:25		N2
Total Purgeable Hydro Carbons	**<0.44**	mg/kg	12.0	0.44	1	02/11/16 14:47	02/16/16 19:25		N2
Aliphatic, Adjusted(C05-C08)	**<0.34**	mg/kg	6.0	0.34	1	02/11/16 14:47	02/16/16 19:25		N2
Aliphatic, Adjusted(C09-C12)	**<1.0**	mg/kg	6.0	1.0	1	02/11/16 14:47	02/16/16 19:25		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	88	%.	70-130		1	02/11/16 14:47	02/16/16 19:25	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (3-5) **Lab ID: 10338253007** Collected: 02/09/16 14:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**7.1**	mg/kg	1.0	0.24	1	02/15/16 15:53	02/16/16 14:55	7440-38-2	
Barium	**138**	mg/kg	0.51	0.051	1	02/15/16 15:53	02/16/16 14:55	7440-39-3	
Cadmium	**0.24**	mg/kg	0.15	0.039	1	02/15/16 15:53	02/16/16 14:55	7440-43-9	
Chromium	**15.6**	mg/kg	0.51	0.076	1	02/15/16 15:53	02/16/16 14:55	7440-47-3	
Lead	**9.9**	mg/kg	0.51	0.12	1	02/15/16 15:53	02/16/16 14:55	7439-92-1	
Selenium	**0.51J**	mg/kg	1.0	0.41	1	02/15/16 15:53	02/16/16 14:55	7782-49-2	
Silver	**<0.12**	mg/kg	0.51	0.12	1	02/15/16 15:53	02/16/16 14:55	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.046**	mg/kg	0.022	0.0077	1	02/14/16 19:44	02/14/16 22:00	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 12:57	83-32-9	
Acenaphthylene	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 12:57	208-96-8	
Anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	120-12-7	
Benzo(a)anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	56-55-3	
Benzo(a)pyrene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	50-32-8	
Benzo(b)fluoranthene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 12:57	205-99-2	
Benzo(g,h,i)perylene	**<0.047**	mg/kg	0.39	0.047	1	02/17/16 06:51	02/19/16 12:57	191-24-2	
Benzo(k)fluoranthene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 12:57	207-08-9	
4-Bromophenylphenyl ether	**<0.041**	mg/kg	0.39	0.041	1	02/17/16 06:51	02/19/16 12:57	101-55-3	
Butylbenzylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	85-68-7	
Carbazole	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	86-74-8	
4-Chloro-3-methylphenol	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	59-50-7	
4-Chloroaniline	**<0.059**	mg/kg	0.39	0.059	1	02/17/16 06:51	02/19/16 12:57	106-47-8	
bis(2-Chloroethoxy)methane	**<0.076**	mg/kg	0.39	0.076	1	02/17/16 06:51	02/19/16 12:57	111-91-1	
bis(2-Chloroethyl) ether	**<0.027**	mg/kg	0.39	0.027	1	02/17/16 06:51	02/19/16 12:57	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.089**	mg/kg	0.39	0.089	1	02/17/16 06:51	02/19/16 12:57	108-60-1	
2-Chloronaphthalene	**<0.061**	mg/kg	0.39	0.061	1	02/17/16 06:51	02/19/16 12:57	91-58-7	
2-Chlorophenol	**<0.090**	mg/kg	0.39	0.090	1	02/17/16 06:51	02/19/16 12:57	95-57-8	
4-Chlorophenylphenyl ether	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 12:57	7005-72-3	
Chrysene	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 12:57	218-01-9	
Dibenz(a,h)anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	53-70-3	
Dibenzofuran	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	132-64-9	
1,2-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 12:57	95-50-1	
1,3-Dichlorobenzene	**<0.024**	mg/kg	0.39	0.024	1	02/17/16 06:51	02/19/16 12:57	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.39	0.026	1	02/17/16 06:51	02/19/16 12:57	106-46-7	
3,3'-Dichlorobenzidine	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 12:57	91-94-1	
2,4-Dichlorophenol	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 12:57	120-83-2	
Diethylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	84-66-2	
2,4-Dimethylphenol	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 12:57	105-67-9	
Dimethylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	131-11-3	
Di-n-butylphthalate	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 12:57	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.077**	mg/kg	2.0	0.077	1	02/17/16 06:51	02/19/16 12:57	534-52-1	
2,4-Dinitrophenol	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (3-5) **Lab ID: 10338253007** Collected: 02/09/16 14:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	121-14-2	
2,6-Dinitrotoluene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 12:57	606-20-2	
Di-n-octylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	117-84-0	
1,2-Diphenylhydrazine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.066**	mg/kg	0.39	0.066	1	02/17/16 06:51	02/19/16 12:57	117-81-7	
Fluoranthene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	206-44-0	
Fluorene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	86-73-7	
Hexachloro-1,3-butadiene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 12:57	87-68-3	
Hexachlorobenzene	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 12:57	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 12:57	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	193-39-5	
Isophorone	**<0.062**	mg/kg	0.39	0.062	1	02/17/16 06:51	02/19/16 12:57	78-59-1	
1-Methylnaphthalene	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 12:57	90-12-0	
2-Methylnaphthalene	**<0.069**	mg/kg	0.39	0.069	1	02/17/16 06:51	02/19/16 12:57	91-57-6	
2-Methylphenol(o-Cresol)	**<0.084**	mg/kg	0.39	0.084	1	02/17/16 06:51	02/19/16 12:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.077**	mg/kg	0.77	0.077	1	02/17/16 06:51	02/19/16 12:57		
Naphthalene	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 12:57	91-20-3	
2-Nitroaniline	**<0.042**	mg/kg	0.39	0.042	1	02/17/16 06:51	02/19/16 12:57	88-74-4	
3-Nitroaniline	**<0.040**	mg/kg	0.39	0.040	1	02/17/16 06:51	02/19/16 12:57	99-09-2	
4-Nitroaniline	**<0.034**	mg/kg	0.39	0.034	1	02/17/16 06:51	02/19/16 12:57	100-01-6	
Nitrobenzene	**<0.078**	mg/kg	0.39	0.078	1	02/17/16 06:51	02/19/16 12:57	98-95-3	
2-Nitrophenol	**<0.066**	mg/kg	0.39	0.066	1	02/17/16 06:51	02/19/16 12:57	88-75-5	
4-Nitrophenol	**<0.041**	mg/kg	0.39	0.041	1	02/17/16 06:51	02/19/16 12:57	100-02-7	
N-Nitrosodimethylamine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	62-75-9	
N-Nitroso-di-n-propylamine	**<0.053**	mg/kg	0.39	0.053	1	02/17/16 06:51	02/19/16 12:57	621-64-7	
N-Nitrosodiphenylamine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 12:57	86-30-6	
Pentachlorophenol	**<0.19**	mg/kg	0.79	0.19	1	02/17/16 06:51	02/19/16 12:57	87-86-5	
Phenanthrene	**<0.055**	mg/kg	0.39	0.055	1	02/17/16 06:51	02/19/16 12:57	85-01-8	
Phenol	**<0.085**	mg/kg	0.39	0.085	1	02/17/16 06:51	02/19/16 12:57	108-95-2	
Pyrene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 12:57	129-00-0	
1,2,4-Trichlorobenzene	**<0.064**	mg/kg	0.39	0.064	1	02/17/16 06:51	02/19/16 12:57	120-82-1	
2,4,5-Trichlorophenol	**<0.046**	mg/kg	0.39	0.046	1	02/17/16 06:51	02/19/16 12:57	95-95-4	
2,4,6-Trichlorophenol	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 12:57	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%.	30-125		1	02/17/16 06:51	02/19/16 12:57	4165-60-0	
2-Fluorobiphenyl (S)	79	%.	30-130		1	02/17/16 06:51	02/19/16 12:57	321-60-8	
p-Terphenyl-d14 (S)	89	%.	30-148		1	02/17/16 06:51	02/19/16 12:57	1718-51-0	
Phenol-d6 (S)	74	%.	30-125		1	02/17/16 06:51	02/19/16 12:57	13127-88-3	
2-Fluorophenol (S)	70	%.	30-125		1	02/17/16 06:51	02/19/16 12:57	367-12-4	
2,4,6-Tribromophenol (S)	80	%.	30-141		1	02/17/16 06:51	02/19/16 12:57	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.26**	mg/kg	1.2	0.26	1	02/12/16 13:53	02/15/16 15:53	67-64-1	
Allyl chloride	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 15:53	107-05-1	
Benzene	**<0.0082**	mg/kg	0.023	0.0082	1	02/12/16 13:53	02/15/16 15:53	71-43-2	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (3-5) **Lab ID: 10338253007** Collected: 02/09/16 14:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.058	0.014	1	02/12/16 13:53	02/15/16 15:53	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	74-97-5	
Bromodichloromethane	**<0.010**	mg/kg	0.058	0.010	1	02/12/16 13:53	02/15/16 15:53	75-27-4	
Bromoform	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 15:53	75-25-2	
Bromomethane	**<0.10**	mg/kg	0.58	0.10	1	02/12/16 13:53	02/15/16 15:53	74-83-9	
2-Butanone (MEK)	**<0.097**	mg/kg	0.29	0.097	1	02/12/16 13:53	02/15/16 15:53	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 15:53	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.058	0.016	1	02/12/16 13:53	02/15/16 15:53	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.058	0.014	1	02/12/16 13:53	02/15/16 15:53	56-23-5	
Chlorobenzene	**<0.0095**	mg/kg	0.058	0.0095	1	02/12/16 13:53	02/15/16 15:53	108-90-7	
Chloroethane	**<0.028**	mg/kg	0.58	0.028	1	02/12/16 13:53	02/15/16 15:53	75-00-3	
Chloroform	**<0.0098**	mg/kg	0.058	0.0098	1	02/12/16 13:53	02/15/16 15:53	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.23	0.012	1	02/12/16 13:53	02/15/16 15:53	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.045**	mg/kg	0.58	0.045	1	02/12/16 13:53	02/15/16 15:53	96-12-8	
Dibromochloromethane	**<0.0090**	mg/kg	0.23	0.0090	1	02/12/16 13:53	02/15/16 15:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0094**	mg/kg	0.058	0.0094	1	02/12/16 13:53	02/15/16 15:53	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.058	0.014	1	02/12/16 13:53	02/15/16 15:53	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.058	0.014	1	02/12/16 13:53	02/15/16 15:53	95-50-1	
1,3-Dichlorobenzene	**<0.014**	mg/kg	0.058	0.014	1	02/12/16 13:53	02/15/16 15:53	541-73-1	
1,4-Dichlorobenzene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	106-46-7	
Dichlorodifluoromethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 15:53	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.058	0.013	1	02/12/16 13:53	02/15/16 15:53	107-06-2	
1,1-Dichloroethene	**<0.013**	mg/kg	0.058	0.013	1	02/12/16 13:53	02/15/16 15:53	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.058	0.021	1	02/12/16 13:53	02/15/16 15:53	156-59-2	
trans-1,2-Dichloroethene	**<0.0096**	mg/kg	0.058	0.0096	1	02/12/16 13:53	02/15/16 15:53	156-60-5	
Dichlorofluoromethane	**<0.055**	mg/kg	0.58	0.055	1	02/12/16 13:53	02/15/16 15:53	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	78-87-5	
1,3-Dichloropropane	**<0.0091**	mg/kg	0.058	0.0091	1	02/12/16 13:53	02/15/16 15:53	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.23	0.024	1	02/12/16 13:53	02/15/16 15:53	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	563-58-6	
cis-1,3-Dichloropropene	**<0.0061**	mg/kg	0.058	0.0061	1	02/12/16 13:53	02/15/16 15:53	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.058	0.023	1	02/12/16 13:53	02/15/16 15:53	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.019**	mg/kg	0.23	0.019	1	02/12/16 13:53	02/15/16 15:53	60-29-7	
Ethylbenzene	**<0.0087**	mg/kg	0.058	0.0087	1	02/12/16 13:53	02/15/16 15:53	100-41-4	
Hexachloro-1,3-butadiene	**<0.025**	mg/kg	0.29	0.025	1	02/12/16 13:53	02/15/16 15:53	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	98-82-8	
p-Isopropyltoluene	**<0.010**	mg/kg	0.058	0.010	1	02/12/16 13:53	02/15/16 15:53	99-87-6	
Methylene Chloride	**0.023J**	mg/kg	0.23	0.017	1	02/12/16 13:53	02/15/16 15:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.074**	mg/kg	0.29	0.074	1	02/12/16 13:53	02/15/16 15:53	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	1634-04-4	
Naphthalene	**<0.084**	mg/kg	0.23	0.084	1	02/12/16 13:53	02/15/16 15:53	91-20-3	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (3-5) **Lab ID: 10338253007** Collected: 02/09/16 14:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	103-65-1	
Styrene	**<0.0093**	mg/kg	0.058	0.0093	1	02/12/16 13:53	02/15/16 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	127-18-4	
Tetrahydrofuran	**<0.092**	mg/kg	2.3	0.092	1	02/12/16 13:53	02/15/16 15:53	109-99-9	
Toluene	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.058	0.023	1	02/12/16 13:53	02/15/16 15:53	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	120-82-1	
1,1,1-Trichloroethane	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.058	0.016	1	02/12/16 13:53	02/15/16 15:53	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.058	0.014	1	02/12/16 13:53	02/15/16 15:53	79-01-6	
Trichlorofluoromethane	**<0.040**	mg/kg	0.58	0.040	1	02/12/16 13:53	02/15/16 15:53	75-69-4	
1,2,3-Trichloropropane	**<0.016**	mg/kg	0.23	0.016	1	02/12/16 13:53	02/15/16 15:53	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 15:53	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.058	0.012	1	02/12/16 13:53	02/15/16 15:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.011**	mg/kg	0.058	0.011	1	02/12/16 13:53	02/15/16 15:53	108-67-8	
Vinyl chloride	**<0.010**	mg/kg	0.023	0.010	1	02/12/16 13:53	02/15/16 15:53	75-01-4	
Xylene (Total)	**<0.035**	mg/kg	0.18	0.035	1	02/12/16 13:53	02/15/16 15:53	1330-20-7	
m&p-Xylene	**<0.025**	mg/kg	0.12	0.025	1	02/12/16 13:53	02/15/16 15:53	179601-23-1	
o-Xylene	**<0.0099**	mg/kg	0.058	0.0099	1	02/12/16 13:53	02/15/16 15:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%.	75-129		1	02/12/16 13:53	02/15/16 15:53	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1	02/12/16 13:53	02/15/16 15:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 15:53	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**14.8**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**10.9J**	mg/kg	11.7	2.3	1	02/16/16 08:01	02/19/16 09:50		N2
Surrogates									
1-Chloro-octadecane (S)	66	%.	40-140		1	02/16/16 08:01	02/19/16 09:50	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.020**	mg/kg	0.051	0.020	1	02/11/16 14:47	02/16/16 19:52	1634-04-4	N2
Benzene	**<0.0029**	mg/kg	0.025	0.0029	1	02/11/16 14:47	02/16/16 19:52	71-43-2	N2
Toluene	**<0.0045**	mg/kg	0.051	0.0045	1	02/11/16 14:47	02/16/16 19:52	108-88-3	N2
Ethylbenzene	**<0.0038**	mg/kg	0.051	0.0038	1	02/11/16 14:47	02/16/16 19:52	100-41-4	N2
m&p-Xylene	**<0.026**	mg/kg	0.10	0.026	1	02/11/16 14:47	02/16/16 19:52	179601-23-1	N2
o-Xylene	**0.014J**	mg/kg	0.10	0.0062	1	02/11/16 14:47	02/16/16 19:52	95-47-6	N2
Xylene (Total)	**<0.033**	mg/kg	0.20	0.033	1	02/11/16 14:47	02/16/16 19:52	1330-20-7	N2
Naphthalene	**0.020J**	mg/kg	0.61	0.019	1	02/11/16 14:47	02/16/16 19:52	91-20-3	B,N2
Aromatic (C09-C10)	**0.017J**	mg/kg	1.0	0.0051	1	02/11/16 14:47	02/16/16 19:52		N2
Aliphatic (C05-C08),Unadjusted	**<0.29**	mg/kg	5.1	0.29	1	02/11/16 14:47	02/16/16 19:52		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (3-5) **Lab ID: 10338253007** Collected: 02/09/16 14:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.86**	mg/kg	5.1	0.86	1	02/11/16 14:47	02/16/16 19:52		N2
Total Purgeable Hydro Carbons	**<0.37**	mg/kg	10.2	0.37	1	02/11/16 14:47	02/16/16 19:52		N2
Aliphatic, Adjusted(C05-C08)	**<0.29**	mg/kg	5.1	0.29	1	02/11/16 14:47	02/16/16 19:52		N2
Aliphatic, Adjusted(C09-C12)	**<0.86**	mg/kg	5.1	0.86	1	02/11/16 14:47	02/16/16 19:52		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	91	%.	70-130		1	02/11/16 14:47	02/16/16 19:52	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (7-9) **Lab ID: 10338253008** Collected: 02/09/16 14:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.8**	mg/kg	0.87	0.21	1	02/15/16 15:53	02/16/16 14:58	7440-38-2	
Barium	**72.4**	mg/kg	0.43	0.043	1	02/15/16 15:53	02/16/16 14:58	7440-39-3	
Cadmium	**<0.033**	mg/kg	0.13	0.033	1	02/15/16 15:53	02/16/16 14:58	7440-43-9	
Chromium	**10.1**	mg/kg	0.43	0.065	1	02/15/16 15:53	02/16/16 14:58	7440-47-3	
Lead	**4.5**	mg/kg	0.43	0.10	1	02/15/16 15:53	02/16/16 14:58	7439-92-1	
Selenium	**<0.35**	mg/kg	0.87	0.35	1	02/15/16 15:53	02/16/16 14:58	7782-49-2	
Silver	**<0.10**	mg/kg	0.43	0.10	1	02/15/16 15:53	02/16/16 14:58	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.0078**	mg/kg	0.022	0.0078	1	02/14/16 19:44	02/14/16 22:02	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.044**	mg/kg	0.38	0.044	1	02/17/16 06:51	02/19/16 13:24	83-32-9	
Acenaphthylene	**<0.050**	mg/kg	0.38	0.050	1	02/17/16 06:51	02/19/16 13:24	208-96-8	
Anthracene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	120-12-7	
Benzo(a)anthracene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	56-55-3	
Benzo(a)pyrene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	50-32-8	
Benzo(b)fluoranthene	**<0.049**	mg/kg	0.38	0.049	1	02/17/16 06:51	02/19/16 13:24	205-99-2	
Benzo(g,h,i)perylene	**<0.047**	mg/kg	0.38	0.047	1	02/17/16 06:51	02/19/16 13:24	191-24-2	
Benzo(k)fluoranthene	**<0.049**	mg/kg	0.38	0.049	1	02/17/16 06:51	02/19/16 13:24	207-08-9	
4-Bromophenylphenyl ether	**<0.041**	mg/kg	0.38	0.041	1	02/17/16 06:51	02/19/16 13:24	101-55-3	
Butylbenzylphthalate	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	85-68-7	
Carbazole	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	86-74-8	
4-Chloro-3-methylphenol	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	59-50-7	
4-Chloroaniline	**<0.059**	mg/kg	0.38	0.059	1	02/17/16 06:51	02/19/16 13:24	106-47-8	
bis(2-Chloroethoxy)methane	**<0.075**	mg/kg	0.38	0.075	1	02/17/16 06:51	02/19/16 13:24	111-91-1	
bis(2-Chloroethyl) ether	**<0.027**	mg/kg	0.38	0.027	1	02/17/16 06:51	02/19/16 13:24	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.088**	mg/kg	0.38	0.088	1	02/17/16 06:51	02/19/16 13:24	108-60-1	
2-Chloronaphthalene	**<0.060**	mg/kg	0.38	0.060	1	02/17/16 06:51	02/19/16 13:24	91-58-7	
2-Chlorophenol	**<0.089**	mg/kg	0.38	0.089	1	02/17/16 06:51	02/19/16 13:24	95-57-8	
4-Chlorophenylphenyl ether	**<0.044**	mg/kg	0.38	0.044	1	02/17/16 06:51	02/19/16 13:24	7005-72-3	
Chrysene	**<0.051**	mg/kg	0.38	0.051	1	02/17/16 06:51	02/19/16 13:24	218-01-9	
Dibenz(a,h)anthracene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	53-70-3	
Dibenzofuran	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	132-64-9	
1,2-Dichlorobenzene	**<0.025**	mg/kg	0.38	0.025	1	02/17/16 06:51	02/19/16 13:24	95-50-1	
1,3-Dichlorobenzene	**<0.024**	mg/kg	0.38	0.024	1	02/17/16 06:51	02/19/16 13:24	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.38	0.026	1	02/17/16 06:51	02/19/16 13:24	106-46-7	
3,3'-Dichlorobenzidine	**<0.053**	mg/kg	0.38	0.053	1	02/17/16 06:51	02/19/16 13:24	91-94-1	
2,4-Dichlorophenol	**<0.072**	mg/kg	0.38	0.072	1	02/17/16 06:51	02/19/16 13:24	120-83-2	
Diethylphthalate	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	84-66-2	
2,4-Dimethylphenol	**<0.072**	mg/kg	0.38	0.072	1	02/17/16 06:51	02/19/16 13:24	105-67-9	
Dimethylphthalate	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	131-11-3	
Di-n-butylphthalate	**<0.053**	mg/kg	0.38	0.053	1	02/17/16 06:51	02/19/16 13:24	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.076**	mg/kg	2.0	0.076	1	02/17/16 06:51	02/19/16 13:24	534-52-1	
2,4-Dinitrophenol	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	51-28-5	

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150 N Ninth Street
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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (7-9) **Lab ID: 10338253008** Collected: 02/09/16 14:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	121-14-2	
2,6-Dinitrotoluene	**<0.033**	mg/kg	0.38	0.033	1	02/17/16 06:51	02/19/16 13:24	606-20-2	
Di-n-octylphthalate	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	117-84-0	
1,2-Diphenylhydrazine	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.065**	mg/kg	0.38	0.065	1	02/17/16 06:51	02/19/16 13:24	117-81-7	
Fluoranthene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	206-44-0	
Fluorene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	86-73-7	
Hexachloro-1,3-butadiene	**<0.032**	mg/kg	0.38	0.032	1	02/17/16 06:51	02/19/16 13:24	87-68-3	
Hexachlorobenzene	**<0.050**	mg/kg	0.38	0.050	1	02/17/16 06:51	02/19/16 13:24	118-74-1	
Hexachloroethane	**<0.024**	mg/kg	0.38	0.024	1	02/17/16 06:51	02/19/16 13:24	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	193-39-5	
Isophorone	**<0.061**	mg/kg	0.38	0.061	1	02/17/16 06:51	02/19/16 13:24	78-59-1	
1-Methylnaphthalene	**<0.066**	mg/kg	0.38	0.066	1	02/17/16 06:51	02/19/16 13:24	90-12-0	
2-Methylnaphthalene	**<0.068**	mg/kg	0.38	0.068	1	02/17/16 06:51	02/19/16 13:24	91-57-6	
2-Methylphenol(o-Cresol)	**<0.083**	mg/kg	0.38	0.083	1	02/17/16 06:51	02/19/16 13:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.077**	mg/kg	0.77	0.077	1	02/17/16 06:51	02/19/16 13:24		
Naphthalene	**<0.072**	mg/kg	0.38	0.072	1	02/17/16 06:51	02/19/16 13:24	91-20-3	
2-Nitroaniline	**<0.042**	mg/kg	0.38	0.042	1	02/17/16 06:51	02/19/16 13:24	88-74-4	
3-Nitroaniline	**<0.039**	mg/kg	0.38	0.039	1	02/17/16 06:51	02/19/16 13:24	99-09-2	
4-Nitroaniline	**<0.034**	mg/kg	0.38	0.034	1	02/17/16 06:51	02/19/16 13:24	100-01-6	
Nitrobenzene	**<0.077**	mg/kg	0.38	0.077	1	02/17/16 06:51	02/19/16 13:24	98-95-3	
2-Nitrophenol	**<0.065**	mg/kg	0.38	0.065	1	02/17/16 06:51	02/19/16 13:24	88-75-5	
4-Nitrophenol	**<0.040**	mg/kg	0.38	0.040	1	02/17/16 06:51	02/19/16 13:24	100-02-7	
N-Nitrosodimethylamine	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	62-75-9	
N-Nitroso-di-n-propylamine	**<0.052**	mg/kg	0.38	0.052	1	02/17/16 06:51	02/19/16 13:24	621-64-7	
N-Nitrosodiphenylamine	**<0.19**	mg/kg	0.38	0.19	1	02/17/16 06:51	02/19/16 13:24	86-30-6	
Pentachlorophenol	**<0.19**	mg/kg	0.78	0.19	1	02/17/16 06:51	02/19/16 13:24	87-86-5	
Phenanthrene	**<0.055**	mg/kg	0.38	0.055	1	02/17/16 06:51	02/19/16 13:24	85-01-8	
Phenol	**<0.084**	mg/kg	0.38	0.084	1	02/17/16 06:51	02/19/16 13:24	108-95-2	
Pyrene	**<0.048**	mg/kg	0.38	0.048	1	02/17/16 06:51	02/19/16 13:24	129-00-0	
1,2,4-Trichlorobenzene	**<0.063**	mg/kg	0.38	0.063	1	02/17/16 06:51	02/19/16 13:24	120-82-1	
2,4,5-Trichlorophenol	**<0.046**	mg/kg	0.38	0.046	1	02/17/16 06:51	02/19/16 13:24	95-95-4	
2,4,6-Trichlorophenol	**<0.049**	mg/kg	0.38	0.049	1	02/17/16 06:51	02/19/16 13:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%.	30-125		1	02/17/16 06:51	02/19/16 13:24	4165-60-0	
2-Fluorobiphenyl (S)	62	%.	30-130		1	02/17/16 06:51	02/19/16 13:24	321-60-8	
p-Terphenyl-d14 (S)	84	%.	30-148		1	02/17/16 06:51	02/19/16 13:24	1718-51-0	
Phenol-d6 (S)	60	%.	30-125		1	02/17/16 06:51	02/19/16 13:24	13127-88-3	
2-Fluorophenol (S)	60	%.	30-125		1	02/17/16 06:51	02/19/16 13:24	367-12-4	
2,4,6-Tribromophenol (S)	75	%.	30-141		1	02/17/16 06:51	02/19/16 13:24	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.25**	mg/kg	1.1	0.25	1	02/12/16 13:53	02/15/16 16:09	67-64-1	
Allyl chloride	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:09	107-05-1	
Benzene	**<0.0079**	mg/kg	0.023	0.0079	1	02/12/16 13:53	02/15/16 16:09	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (7-9) **Lab ID: 10338253008** Collected: 02/09/16 14:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.056	0.014	1	02/12/16 13:53	02/15/16 16:09	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	74-97-5	
Bromodichloromethane	**<0.010**	mg/kg	0.056	0.010	1	02/12/16 13:53	02/15/16 16:09	75-27-4	
Bromoform	**<0.013**	mg/kg	0.23	0.013	1	02/12/16 13:53	02/15/16 16:09	75-25-2	
Bromomethane	**<0.099**	mg/kg	0.56	0.099	1	02/12/16 13:53	02/15/16 16:09	74-83-9	
2-Butanone (MEK)	**<0.094**	mg/kg	0.28	0.094	1	02/12/16 13:53	02/15/16 16:09	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 16:09	104-51-8	
sec-Butylbenzene	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	135-98-8	
tert-Butylbenzene	**<0.015**	mg/kg	0.056	0.015	1	02/12/16 13:53	02/15/16 16:09	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.056	0.014	1	02/12/16 13:53	02/15/16 16:09	56-23-5	
Chlorobenzene	**<0.0091**	mg/kg	0.056	0.0091	1	02/12/16 13:53	02/15/16 16:09	108-90-7	
Chloroethane	**<0.027**	mg/kg	0.56	0.027	1	02/12/16 13:53	02/15/16 16:09	75-00-3	
Chloroform	**<0.0094**	mg/kg	0.056	0.0094	1	02/12/16 13:53	02/15/16 16:09	67-66-3	
Chloromethane	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 16:09	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.056	0.012	1	02/12/16 13:53	02/15/16 16:09	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.044**	mg/kg	0.56	0.044	1	02/12/16 13:53	02/15/16 16:09	96-12-8	
Dibromochloromethane	**<0.0087**	mg/kg	0.23	0.0087	1	02/12/16 13:53	02/15/16 16:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0091**	mg/kg	0.056	0.0091	1	02/12/16 13:53	02/15/16 16:09	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.056	0.013	1	02/12/16 13:53	02/15/16 16:09	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.056	0.014	1	02/12/16 13:53	02/15/16 16:09	95-50-1	
1,3-Dichlorobenzene	**<0.014**	mg/kg	0.056	0.014	1	02/12/16 13:53	02/15/16 16:09	541-73-1	
1,4-Dichlorobenzene	**<0.012**	mg/kg	0.056	0.012	1	02/12/16 13:53	02/15/16 16:09	106-46-7	
Dichlorodifluoromethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:09	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.056	0.013	1	02/12/16 13:53	02/15/16 16:09	107-06-2	
1,1-Dichloroethene	**<0.013**	mg/kg	0.056	0.013	1	02/12/16 13:53	02/15/16 16:09	75-35-4	
cis-1,2-Dichloroethene	**<0.020**	mg/kg	0.056	0.020	1	02/12/16 13:53	02/15/16 16:09	156-59-2	
trans-1,2-Dichloroethene	**<0.0093**	mg/kg	0.056	0.0093	1	02/12/16 13:53	02/15/16 16:09	156-60-5	
Dichlorofluoromethane	**<0.053**	mg/kg	0.56	0.053	1	02/12/16 13:53	02/15/16 16:09	75-43-4	
1,2-Dichloropropane	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	78-87-5	
1,3-Dichloropropane	**<0.0088**	mg/kg	0.056	0.0088	1	02/12/16 13:53	02/15/16 16:09	142-28-9	
2,2-Dichloropropane	**<0.023**	mg/kg	0.23	0.023	1	02/12/16 13:53	02/15/16 16:09	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	563-58-6	
cis-1,3-Dichloropropene	**<0.0058**	mg/kg	0.056	0.0058	1	02/12/16 13:53	02/15/16 16:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.022**	mg/kg	0.056	0.022	1	02/12/16 13:53	02/15/16 16:09	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.018**	mg/kg	0.23	0.018	1	02/12/16 13:53	02/15/16 16:09	60-29-7	
Ethylbenzene	**<0.0084**	mg/kg	0.056	0.0084	1	02/12/16 13:53	02/15/16 16:09	100-41-4	
Hexachloro-1,3-butadiene	**<0.024**	mg/kg	0.28	0.024	1	02/12/16 13:53	02/15/16 16:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.010**	mg/kg	0.056	0.010	1	02/12/16 13:53	02/15/16 16:09	98-82-8	
p-Isopropyltoluene	**<0.0098**	mg/kg	0.056	0.0098	1	02/12/16 13:53	02/15/16 16:09	99-87-6	
Methylene Chloride	**0.017J**	mg/kg	0.23	0.017	1	02/12/16 13:53	02/15/16 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.072**	mg/kg	0.28	0.072	1	02/12/16 13:53	02/15/16 16:09	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	1634-04-4	
Naphthalene	**<0.081**	mg/kg	0.23	0.081	1	02/12/16 13:53	02/15/16 16:09	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (7-9) **Lab ID: 10338253008** Collected: 02/09/16 14:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.012**	mg/kg	0.056	0.012	1	02/12/16 13:53	02/15/16 16:09	103-65-1	
Styrene	**<0.0089**	mg/kg	0.056	0.0089	1	02/12/16 13:53	02/15/16 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.056	0.012	1	02/12/16 13:53	02/15/16 16:09	127-18-4	
Tetrahydrofuran	**<0.089**	mg/kg	2.3	0.089	1	02/12/16 13:53	02/15/16 16:09	109-99-9	
Toluene	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	108-88-3	
1,2,3-Trichlorobenzene	**<0.022**	mg/kg	0.056	0.022	1	02/12/16 13:53	02/15/16 16:09	87-61-6	
1,2,4-Trichlorobenzene	**<0.010**	mg/kg	0.056	0.010	1	02/12/16 13:53	02/15/16 16:09	120-82-1	
1,1,1-Trichloroethane	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	71-55-6	
1,1,2-Trichloroethane	**<0.015**	mg/kg	0.056	0.015	1	02/12/16 13:53	02/15/16 16:09	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.056	0.014	1	02/12/16 13:53	02/15/16 16:09	79-01-6	
Trichlorofluoromethane	**<0.039**	mg/kg	0.56	0.039	1	02/12/16 13:53	02/15/16 16:09	75-69-4	
1,2,3-Trichloropropane	**<0.016**	mg/kg	0.23	0.016	1	02/12/16 13:53	02/15/16 16:09	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.23	0.013	1	02/12/16 13:53	02/15/16 16:09	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.011**	mg/kg	0.056	0.011	1	02/12/16 13:53	02/15/16 16:09	108-67-8	
Vinyl chloride	**<0.010**	mg/kg	0.023	0.010	1	02/12/16 13:53	02/15/16 16:09	75-01-4	
Xylene (Total)	**<0.034**	mg/kg	0.17	0.034	1	02/12/16 13:53	02/15/16 16:09	1330-20-7	
m&p-Xylene	**<0.024**	mg/kg	0.11	0.024	1	02/12/16 13:53	02/15/16 16:09	179601-23-1	
o-Xylene	**<0.0095**	mg/kg	0.056	0.0095	1	02/12/16 13:53	02/15/16 16:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%.	75-129		1	02/12/16 13:53	02/15/16 16:09	17060-07-0	1M
Toluene-d8 (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 16:09	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 16:09	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**13.8**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.3**	mg/kg	11.6	2.3	1	02/16/16 08:01	02/18/16 22:23		N2
Surrogates									
1-Chloro-octadecane (S)	84	%.	40-140		1	02/16/16 08:01	02/18/16 22:23	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.024**	mg/kg	0.061	0.024	1	02/11/16 14:47	02/16/16 20:19	1634-04-4	N2
Benzene	**<0.0034**	mg/kg	0.030	0.0034	1	02/11/16 14:47	02/16/16 20:19	71-43-2	N2
Toluene	**<0.0053**	mg/kg	0.061	0.0053	1	02/11/16 14:47	02/16/16 20:19	108-88-3	N2
Ethylbenzene	**<0.0045**	mg/kg	0.061	0.0045	1	02/11/16 14:47	02/16/16 20:19	100-41-4	N2
m&p-Xylene	**<0.031**	mg/kg	0.12	0.031	1	02/11/16 14:47	02/16/16 20:19	179601-23-1	N2
o-Xylene	**<0.0074**	mg/kg	0.12	0.0074	1	02/11/16 14:47	02/16/16 20:19	95-47-6	N2
Xylene (Total)	**<0.039**	mg/kg	0.24	0.039	1	02/11/16 14:47	02/16/16 20:19	1330-20-7	N2
Naphthalene	**<0.023**	mg/kg	0.73	0.023	1	02/11/16 14:47	02/16/16 20:19	91-20-3	N2
Aromatic (C09-C10)	**<0.0061**	mg/kg	1.2	0.0061	1	02/11/16 14:47	02/16/16 20:19		N2
Aliphatic (C05-C08),Unadjusted	**<0.34**	mg/kg	6.1	0.34	1	02/11/16 14:47	02/16/16 20:19		N2

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Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-4 (7-9) **Lab ID: 10338253008** Collected: 02/09/16 14:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<1.0**	mg/kg	6.1	1.0	1	02/11/16 14:47	02/16/16 20:19		N2
Total Purgeable Hydro Carbons	**<0.44**	mg/kg	12.1	0.44	1	02/11/16 14:47	02/16/16 20:19		N2
Aliphatic, Adjusted(C05-C08)	**<0.34**	mg/kg	6.1	0.34	1	02/11/16 14:47	02/16/16 20:19		N2
Aliphatic, Adjusted(C09-C12)	**<1.0**	mg/kg	6.1	1.0	1	02/11/16 14:47	02/16/16 20:19		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	80	%.	70-130		1	02/11/16 14:47	02/16/16 20:19	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (2-5) **Lab ID: 10338253009** Collected: 02/09/16 13:15 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.7**	mg/kg	0.90	0.22	1	02/15/16 15:53	02/16/16 15:01	7440-38-2	
Barium	**124**	mg/kg	0.45	0.045	1	02/15/16 15:53	02/16/16 15:01	7440-39-3	
Cadmium	**0.11J**	mg/kg	0.14	0.034	1	02/15/16 15:53	02/16/16 15:01	7440-43-9	
Chromium	**17.9**	mg/kg	0.45	0.067	1	02/15/16 15:53	02/16/16 15:01	7440-47-3	
Lead	**7.9**	mg/kg	0.45	0.11	1	02/15/16 15:53	02/16/16 15:01	7439-92-1	
Selenium	**<0.36**	mg/kg	0.90	0.36	1	02/15/16 15:53	02/16/16 15:01	7782-49-2	
Silver	**<0.10**	mg/kg	0.45	0.10	1	02/15/16 15:53	02/16/16 15:01	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.026**	mg/kg	0.024	0.0083	1	02/14/16 19:44	02/14/16 22:08	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 13:52	83-32-9	
Acenaphthylene	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 13:52	208-96-8	
Anthracene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	50-32-8	
Benzo(b)fluoranthene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 13:52	205-99-2	
Benzo(g,h,i)perylene	**<0.048**	mg/kg	0.39	0.048	1	02/17/16 06:51	02/19/16 13:52	191-24-2	
Benzo(k)fluoranthene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 13:52	207-08-9	
4-Bromophenylphenyl ether	**<0.042**	mg/kg	0.39	0.042	1	02/17/16 06:51	02/19/16 13:52	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	85-68-7	
Carbazole	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	59-50-7	
4-Chloroaniline	**<0.060**	mg/kg	0.39	0.060	1	02/17/16 06:51	02/19/16 13:52	106-47-8	
bis(2-Chloroethoxy)methane	**<0.077**	mg/kg	0.39	0.077	1	02/17/16 06:51	02/19/16 13:52	111-91-1	
bis(2-Chloroethyl) ether	**<0.027**	mg/kg	0.39	0.027	1	02/17/16 06:51	02/19/16 13:52	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.091**	mg/kg	0.39	0.091	1	02/17/16 06:51	02/19/16 13:52	108-60-1	
2-Chloronaphthalene	**<0.061**	mg/kg	0.39	0.061	1	02/17/16 06:51	02/19/16 13:52	91-58-7	
2-Chlorophenol	**<0.091**	mg/kg	0.39	0.091	1	02/17/16 06:51	02/19/16 13:52	95-57-8	
4-Chlorophenylphenyl ether	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 13:52	7005-72-3	
Chrysene	**<0.053**	mg/kg	0.39	0.053	1	02/17/16 06:51	02/19/16 13:52	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	132-64-9	
1,2-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 13:52	95-50-1	
1,3-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 13:52	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.39	0.026	1	02/17/16 06:51	02/19/16 13:52	106-46-7	
3,3'-Dichlorobenzidine	**<0.055**	mg/kg	0.39	0.055	1	02/17/16 06:51	02/19/16 13:52	91-94-1	
2,4-Dichlorophenol	**<0.074**	mg/kg	0.39	0.074	1	02/17/16 06:51	02/19/16 13:52	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	84-66-2	
2,4-Dimethylphenol	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 13:52	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	131-11-3	
Di-n-butylphthalate	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 13:52	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.078**	mg/kg	2.0	0.078	1	02/17/16 06:51	02/19/16 13:52	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (2-5) **Lab ID: 10338253009** Collected: 02/09/16 13:15 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	121-14-2	
2,6-Dinitrotoluene	**<0.034**	mg/kg	0.39	0.034	1	02/17/16 06:51	02/19/16 13:52	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 13:52	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	206-44-0	
Fluorene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	86-73-7	
Hexachloro-1,3-butadiene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 13:52	87-68-3	
Hexachlorobenzene	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 13:52	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 13:52	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	193-39-5	
Isophorone	**<0.063**	mg/kg	0.39	0.063	1	02/17/16 06:51	02/19/16 13:52	78-59-1	
1-Methylnaphthalene	**<0.068**	mg/kg	0.39	0.068	1	02/17/16 06:51	02/19/16 13:52	90-12-0	
2-Methylnaphthalene	**<0.070**	mg/kg	0.39	0.070	1	02/17/16 06:51	02/19/16 13:52	91-57-6	
2-Methylphenol(o-Cresol)	**<0.085**	mg/kg	0.39	0.085	1	02/17/16 06:51	02/19/16 13:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.078**	mg/kg	0.78	0.078	1	02/17/16 06:51	02/19/16 13:52		
Naphthalene	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 13:52	91-20-3	
2-Nitroaniline	**<0.043**	mg/kg	0.39	0.043	1	02/17/16 06:51	02/19/16 13:52	88-74-4	
3-Nitroaniline	**<0.040**	mg/kg	0.39	0.040	1	02/17/16 06:51	02/19/16 13:52	99-09-2	
4-Nitroaniline	**<0.034**	mg/kg	0.39	0.034	1	02/17/16 06:51	02/19/16 13:52	100-01-6	
Nitrobenzene	**<0.079**	mg/kg	0.39	0.079	1	02/17/16 06:51	02/19/16 13:52	98-95-3	
2-Nitrophenol	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 13:52	88-75-5	
4-Nitrophenol	**<0.041**	mg/kg	0.39	0.041	1	02/17/16 06:51	02/19/16 13:52	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	62-75-9	
N-Nitroso-di-n-propylamine	**<0.053**	mg/kg	0.39	0.053	1	02/17/16 06:51	02/19/16 13:52	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 13:52	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.80	0.20	1	02/17/16 06:51	02/19/16 13:52	87-86-5	
Phenanthrene	**<0.056**	mg/kg	0.39	0.056	1	02/17/16 06:51	02/19/16 13:52	85-01-8	
Phenol	**<0.086**	mg/kg	0.39	0.086	1	02/17/16 06:51	02/19/16 13:52	108-95-2	
Pyrene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 13:52	129-00-0	
1,2,4-Trichlorobenzene	**<0.065**	mg/kg	0.39	0.065	1	02/17/16 06:51	02/19/16 13:52	120-82-1	
2,4,5-Trichlorophenol	**<0.047**	mg/kg	0.39	0.047	1	02/17/16 06:51	02/19/16 13:52	95-95-4	
2,4,6-Trichlorophenol	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 13:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%.	30-125		1	02/17/16 06:51	02/19/16 13:52	4165-60-0	
2-Fluorobiphenyl (S)	73	%.	30-130		1	02/17/16 06:51	02/19/16 13:52	321-60-8	
p-Terphenyl-d14 (S)	80	%.	30-148		1	02/17/16 06:51	02/19/16 13:52	1718-51-0	
Phenol-d6 (S)	71	%.	30-125		1	02/17/16 06:51	02/19/16 13:52	13127-88-3	
2-Fluorophenol (S)	71	%.	30-125		1	02/17/16 06:51	02/19/16 13:52	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	30-141		1	02/17/16 06:51	02/19/16 13:52	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.26**	mg/kg	1.2	0.26	1	02/12/16 13:53	02/15/16 16:25	67-64-1	
Allyl chloride	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:25	107-05-1	
Benzene	**<0.0082**	mg/kg	0.023	0.0082	1	02/12/16 13:53	02/15/16 16:25	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (2-5) **Lab ID: 10338253009** Collected: 02/09/16 13:15 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 16:25	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	74-97-5	
Bromodichloromethane	**<0.010**	mg/kg	0.059	0.010	1	02/12/16 13:53	02/15/16 16:25	75-27-4	
Bromoform	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:25	75-25-2	
Bromomethane	**<0.10**	mg/kg	0.59	0.10	1	02/12/16 13:53	02/15/16 16:25	74-83-9	
2-Butanone (MEK)	**<0.097**	mg/kg	0.29	0.097	1	02/12/16 13:53	02/15/16 16:25	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 16:25	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.059	0.016	1	02/12/16 13:53	02/15/16 16:25	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 16:25	56-23-5	
Chlorobenzene	**<0.0095**	mg/kg	0.059	0.0095	1	02/12/16 13:53	02/15/16 16:25	108-90-7	
Chloroethane	**<0.028**	mg/kg	0.59	0.028	1	02/12/16 13:53	02/15/16 16:25	75-00-3	
Chloroform	**<0.0098**	mg/kg	0.059	0.0098	1	02/12/16 13:53	02/15/16 16:25	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.23	0.012	1	02/12/16 13:53	02/15/16 16:25	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.045**	mg/kg	0.59	0.045	1	02/12/16 13:53	02/15/16 16:25	96-12-8	
Dibromochloromethane	**<0.0091**	mg/kg	0.23	0.0091	1	02/12/16 13:53	02/15/16 16:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0094**	mg/kg	0.059	0.0094	1	02/12/16 13:53	02/15/16 16:25	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 16:25	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 16:25	95-50-1	
1,3-Dichlorobenzene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 16:25	541-73-1	
1,4-Dichlorobenzene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	106-46-7	
Dichlorodifluoromethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:25	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.059	0.013	1	02/12/16 13:53	02/15/16 16:25	107-06-2	
1,1-Dichloroethene	**<0.013**	mg/kg	0.059	0.013	1	02/12/16 13:53	02/15/16 16:25	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.059	0.021	1	02/12/16 13:53	02/15/16 16:25	156-59-2	
trans-1,2-Dichloroethene	**<0.0096**	mg/kg	0.059	0.0096	1	02/12/16 13:53	02/15/16 16:25	156-60-5	
Dichlorofluoromethane	**<0.055**	mg/kg	0.59	0.055	1	02/12/16 13:53	02/15/16 16:25	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	78-87-5	
1,3-Dichloropropane	**<0.0092**	mg/kg	0.059	0.0092	1	02/12/16 13:53	02/15/16 16:25	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.23	0.024	1	02/12/16 13:53	02/15/16 16:25	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	563-58-6	
cis-1,3-Dichloropropene	**<0.0061**	mg/kg	0.059	0.0061	1	02/12/16 13:53	02/15/16 16:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.059	0.023	1	02/12/16 13:53	02/15/16 16:25	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.019**	mg/kg	0.23	0.019	1	02/12/16 13:53	02/15/16 16:25	60-29-7	
Ethylbenzene	**<0.0088**	mg/kg	0.059	0.0088	1	02/12/16 13:53	02/15/16 16:25	100-41-4	
Hexachloro-1,3-butadiene	**<0.025**	mg/kg	0.29	0.025	1	02/12/16 13:53	02/15/16 16:25	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	98-82-8	
p-Isopropyltoluene	**<0.010**	mg/kg	0.059	0.010	1	02/12/16 13:53	02/15/16 16:25	99-87-6	
Methylene Chloride	**0.017J**	mg/kg	0.23	0.017	1	02/12/16 13:53	02/15/16 16:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.075**	mg/kg	0.29	0.075	1	02/12/16 13:53	02/15/16 16:25	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	1634-04-4	
Naphthalene	**<0.085**	mg/kg	0.23	0.085	1	02/12/16 13:53	02/15/16 16:25	91-20-3	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (2-5) **Lab ID: 10338253009** Collected: 02/09/16 13:15 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.059	0.013	1	02/12/16 13:53	02/15/16 16:25	103-65-1	
Styrene	**<0.0093**	mg/kg	0.059	0.0093	1	02/12/16 13:53	02/15/16 16:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	127-18-4	
Tetrahydrofuran	**<0.093**	mg/kg	2.3	0.093	1	02/12/16 13:53	02/15/16 16:25	109-99-9	
Toluene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.059	0.023	1	02/12/16 13:53	02/15/16 16:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	120-82-1	
1,1,1-Trichloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.059	0.016	1	02/12/16 13:53	02/15/16 16:25	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 16:25	79-01-6	
Trichlorofluoromethane	**<0.041**	mg/kg	0.59	0.041	1	02/12/16 13:53	02/15/16 16:25	75-69-4	
1,2,3-Trichloropropane	**<0.016**	mg/kg	0.23	0.016	1	02/12/16 13:53	02/15/16 16:25	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:25	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 16:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 16:25	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.023	0.011	1	02/12/16 13:53	02/15/16 16:25	75-01-4	
Xylene (Total)	**<0.035**	mg/kg	0.18	0.035	1	02/12/16 13:53	02/15/16 16:25	1330-20-7	
m&p-Xylene	**<0.025**	mg/kg	0.12	0.025	1	02/12/16 13:53	02/15/16 16:25	179601-23-1	
o-Xylene	**<0.0099**	mg/kg	0.059	0.0099	1	02/12/16 13:53	02/15/16 16:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	117	%.	75-129		1	02/12/16 13:53	02/15/16 16:25	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1	02/12/16 13:53	02/15/16 16:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 16:25	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**15.8**	%	0.10	0.10	1		02/12/16 12:51		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**2.6J**	mg/kg	11.9	2.3	1	02/16/16 08:01	02/18/16 22:56		N2
Surrogates									
1-Chloro-octadecane (S)	69	%.	40-140		1	02/16/16 08:01	02/18/16 22:56	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.023**	mg/kg	0.058	0.023	1	02/11/16 14:47	02/16/16 20:49	1634-04-4	N2
Benzene	**<0.0032**	mg/kg	0.029	0.0032	1	02/11/16 14:47	02/16/16 20:49	71-43-2	N2
Toluene	**<0.0051**	mg/kg	0.058	0.0051	1	02/11/16 14:47	02/16/16 20:49	108-88-3	N2
Ethylbenzene	**<0.0043**	mg/kg	0.058	0.0043	1	02/11/16 14:47	02/16/16 20:49	100-41-4	N2
m&p-Xylene	**<0.030**	mg/kg	0.12	0.030	1	02/11/16 14:47	02/16/16 20:49	179601-23-1	N2
o-Xylene	**<0.0071**	mg/kg	0.12	0.0071	1	02/11/16 14:47	02/16/16 20:49	95-47-6	N2
Xylene (Total)	**<0.037**	mg/kg	0.23	0.037	1	02/11/16 14:47	02/16/16 20:49	1330-20-7	N2
Naphthalene	**<0.022**	mg/kg	0.69	0.022	1	02/11/16 14:47	02/16/16 20:49	91-20-3	N2
Aromatic (C09-C10)	**<0.0058**	mg/kg	1.2	0.0058	1	02/11/16 14:47	02/16/16 20:49		N2
Aliphatic (C05-C08),Unadjusted	**<0.33**	mg/kg	5.8	0.33	1	02/11/16 14:47	02/16/16 20:49		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (2-5) **Lab ID: 10338253009** Collected: 02/09/16 13:15 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.98**	mg/kg	5.8	0.98	1	02/11/16 14:47	02/16/16 20:49		N2
Total Purgeable Hydro Carbons	**<0.42**	mg/kg	11.6	0.42	1	02/11/16 14:47	02/16/16 20:49		N2
Aliphatic, Adjusted(C05-C08)	**<0.33**	mg/kg	5.8	0.33	1	02/11/16 14:47	02/16/16 20:49		N2
Aliphatic, Adjusted(C09-C12)	**<0.98**	mg/kg	5.8	0.98	1	02/11/16 14:47	02/16/16 20:49		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	90	%.	70-130		1	02/11/16 14:47	02/16/16 20:49	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (7-10) **Lab ID: 10338253010** Collected: 02/09/16 13:25 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.1**	mg/kg	0.97	0.23	1	02/15/16 15:53	02/16/16 15:04	7440-38-2	
Barium	**82.6**	mg/kg	0.49	0.049	1	02/15/16 15:53	02/16/16 15:04	7440-39-3	
Cadmium	**<0.037**	mg/kg	0.15	0.037	1	02/15/16 15:53	02/16/16 15:04	7440-43-9	
Chromium	**15.2**	mg/kg	0.49	0.073	1	02/15/16 15:53	02/16/16 15:04	7440-47-3	
Lead	**5.0**	mg/kg	0.49	0.12	1	02/15/16 15:53	02/16/16 15:04	7439-92-1	
Selenium	**<0.39**	mg/kg	0.97	0.39	1	02/15/16 15:53	02/16/16 15:04	7782-49-2	
Silver	**<0.11**	mg/kg	0.49	0.11	1	02/15/16 15:53	02/16/16 15:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.0064**	mg/kg	0.019	0.0064	1	02/14/16 19:44	02/14/16 22:10	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.041**	mg/kg	0.35	0.041	1	02/17/16 06:51	02/19/16 14:20	83-32-9	
Acenaphthylene	**<0.046**	mg/kg	0.35	0.046	1	02/17/16 06:51	02/19/16 14:20	208-96-8	
Anthracene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	120-12-7	
Benzo(a)anthracene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	56-55-3	
Benzo(a)pyrene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	50-32-8	
Benzo(b)fluoranthene	**<0.045**	mg/kg	0.35	0.045	1	02/17/16 06:51	02/19/16 14:20	205-99-2	
Benzo(g,h,i)perylene	**<0.043**	mg/kg	0.35	0.043	1	02/17/16 06:51	02/19/16 14:20	191-24-2	
Benzo(k)fluoranthene	**<0.045**	mg/kg	0.35	0.045	1	02/17/16 06:51	02/19/16 14:20	207-08-9	
4-Bromophenylphenyl ether	**<0.038**	mg/kg	0.35	0.038	1	02/17/16 06:51	02/19/16 14:20	101-55-3	
Butylbenzylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	85-68-7	
Carbazole	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	86-74-8	
4-Chloro-3-methylphenol	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	59-50-7	
4-Chloroaniline	**<0.054**	mg/kg	0.35	0.054	1	02/17/16 06:51	02/19/16 14:20	106-47-8	
bis(2-Chloroethoxy)methane	**<0.069**	mg/kg	0.35	0.069	1	02/17/16 06:51	02/19/16 14:20	111-91-1	
bis(2-Chloroethyl) ether	**<0.025**	mg/kg	0.35	0.025	1	02/17/16 06:51	02/19/16 14:20	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.082**	mg/kg	0.35	0.082	1	02/17/16 06:51	02/19/16 14:20	108-60-1	
2-Chloronaphthalene	**<0.056**	mg/kg	0.35	0.056	1	02/17/16 06:51	02/19/16 14:20	91-58-7	
2-Chlorophenol	**<0.083**	mg/kg	0.35	0.083	1	02/17/16 06:51	02/19/16 14:20	95-57-8	
4-Chlorophenylphenyl ether	**<0.041**	mg/kg	0.35	0.041	1	02/17/16 06:51	02/19/16 14:20	7005-72-3	
Chrysene	**<0.048**	mg/kg	0.35	0.048	1	02/17/16 06:51	02/19/16 14:20	218-01-9	
Dibenz(a,h)anthracene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	53-70-3	
Dibenzofuran	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	132-64-9	
1,2-Dichlorobenzene	**<0.023**	mg/kg	0.35	0.023	1	02/17/16 06:51	02/19/16 14:20	95-50-1	
1,3-Dichlorobenzene	**<0.022**	mg/kg	0.35	0.022	1	02/17/16 06:51	02/19/16 14:20	541-73-1	
1,4-Dichlorobenzene	**<0.024**	mg/kg	0.35	0.024	1	02/17/16 06:51	02/19/16 14:20	106-46-7	
3,3'-Dichlorobenzidine	**<0.049**	mg/kg	0.35	0.049	1	02/17/16 06:51	02/19/16 14:20	91-94-1	
2,4-Dichlorophenol	**<0.067**	mg/kg	0.35	0.067	1	02/17/16 06:51	02/19/16 14:20	120-83-2	
Diethylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	84-66-2	
2,4-Dimethylphenol	**<0.066**	mg/kg	0.35	0.066	1	02/17/16 06:51	02/19/16 14:20	105-67-9	
Dimethylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	131-11-3	
Di-n-butylphthalate	**<0.049**	mg/kg	0.35	0.049	1	02/17/16 06:51	02/19/16 14:20	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.071**	mg/kg	1.8	0.071	1	02/17/16 06:51	02/19/16 14:20	534-52-1	
2,4-Dinitrophenol	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (7-10) **Lab ID: 10338253010** Collected: 02/09/16 13:25 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	121-14-2	
2,6-Dinitrotoluene	**<0.030**	mg/kg	0.35	0.030	1	02/17/16 06:51	02/19/16 14:20	606-20-2	
Di-n-octylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	117-84-0	
1,2-Diphenylhydrazine	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.061**	mg/kg	0.35	0.061	1	02/17/16 06:51	02/19/16 14:20	117-81-7	
Fluoranthene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	206-44-0	
Fluorene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	86-73-7	
Hexachloro-1,3-butadiene	**<0.030**	mg/kg	0.35	0.030	1	02/17/16 06:51	02/19/16 14:20	87-68-3	
Hexachlorobenzene	**<0.047**	mg/kg	0.35	0.047	1	02/17/16 06:51	02/19/16 14:20	118-74-1	
Hexachloroethane	**<0.023**	mg/kg	0.35	0.023	1	02/17/16 06:51	02/19/16 14:20	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	193-39-5	
Isophorone	**<0.057**	mg/kg	0.35	0.057	1	02/17/16 06:51	02/19/16 14:20	78-59-1	
1-Methylnaphthalene	**<0.061**	mg/kg	0.35	0.061	1	02/17/16 06:51	02/19/16 14:20	90-12-0	
2-Methylnaphthalene	**<0.063**	mg/kg	0.35	0.063	1	02/17/16 06:51	02/19/16 14:20	91-57-6	
2-Methylphenol(o-Cresol)	**<0.077**	mg/kg	0.35	0.077	1	02/17/16 06:51	02/19/16 14:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.071**	mg/kg	0.71	0.071	1	02/17/16 06:51	02/19/16 14:20		
Naphthalene	**<0.066**	mg/kg	0.35	0.066	1	02/17/16 06:51	02/19/16 14:20	91-20-3	
2-Nitroaniline	**<0.039**	mg/kg	0.35	0.039	1	02/17/16 06:51	02/19/16 14:20	88-74-4	
3-Nitroaniline	**<0.036**	mg/kg	0.35	0.036	1	02/17/16 06:51	02/19/16 14:20	99-09-2	
4-Nitroaniline	**<0.031**	mg/kg	0.35	0.031	1	02/17/16 06:51	02/19/16 14:20	100-01-6	
Nitrobenzene	**<0.072**	mg/kg	0.35	0.072	1	02/17/16 06:51	02/19/16 14:20	98-95-3	
2-Nitrophenol	**<0.061**	mg/kg	0.35	0.061	1	02/17/16 06:51	02/19/16 14:20	88-75-5	
4-Nitrophenol	**<0.037**	mg/kg	0.35	0.037	1	02/17/16 06:51	02/19/16 14:20	100-02-7	
N-Nitrosodimethylamine	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	62-75-9	
N-Nitroso-di-n-propylamine	**<0.048**	mg/kg	0.35	0.048	1	02/17/16 06:51	02/19/16 14:20	621-64-7	
N-Nitrosodiphenylamine	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 14:20	86-30-6	
Pentachlorophenol	**<0.18**	mg/kg	0.72	0.18	1	02/17/16 06:51	02/19/16 14:20	87-86-5	
Phenanthrene	**<0.051**	mg/kg	0.35	0.051	1	02/17/16 06:51	02/19/16 14:20	85-01-8	
Phenol	**<0.078**	mg/kg	0.35	0.078	1	02/17/16 06:51	02/19/16 14:20	108-95-2	
Pyrene	**<0.045**	mg/kg	0.35	0.045	1	02/17/16 06:51	02/19/16 14:20	129-00-0	
1,2,4-Trichlorobenzene	**<0.059**	mg/kg	0.35	0.059	1	02/17/16 06:51	02/19/16 14:20	120-82-1	
2,4,5-Trichlorophenol	**<0.042**	mg/kg	0.35	0.042	1	02/17/16 06:51	02/19/16 14:20	95-95-4	
2,4,6-Trichlorophenol	**<0.046**	mg/kg	0.35	0.046	1	02/17/16 06:51	02/19/16 14:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	74	%.	30-125		1	02/17/16 06:51	02/19/16 14:20	4165-60-0	
2-Fluorobiphenyl (S)	75	%.	30-130		1	02/17/16 06:51	02/19/16 14:20	321-60-8	
p-Terphenyl-d14 (S)	91	%.	30-148		1	02/17/16 06:51	02/19/16 14:20	1718-51-0	
Phenol-d6 (S)	75	%.	30-125		1	02/17/16 06:51	02/19/16 14:20	13127-88-3	
2-Fluorophenol (S)	73	%.	30-125		1	02/17/16 06:51	02/19/16 14:20	367-12-4	
2,4,6-Tribromophenol (S)	75	%.	30-141		1	02/17/16 06:51	02/19/16 14:20	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.24**	mg/kg	1.1	0.24	1	02/12/16 13:53	02/15/16 16:41	67-64-1	
Allyl chloride	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 16:41	107-05-1	
Benzene	**<0.0074**	mg/kg	0.021	0.0074	1	02/12/16 13:53	02/15/16 16:41	71-43-2	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (7-10) **Lab ID: 10338253010** Collected: 02/09/16 13:25 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 16:41	108-86-1	
Bromochloromethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	74-97-5	
Bromodichloromethane	**<0.0094**	mg/kg	0.053	0.0094	1	02/12/16 13:53	02/15/16 16:41	75-27-4	
Bromoform	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 16:41	75-25-2	
Bromomethane	**<0.093**	mg/kg	0.53	0.093	1	02/12/16 13:53	02/15/16 16:41	74-83-9	
2-Butanone (MEK)	**<0.088**	mg/kg	0.27	0.088	1	02/12/16 13:53	02/15/16 16:41	78-93-3	
n-Butylbenzene	**<0.010**	mg/kg	0.21	0.010	1	02/12/16 13:53	02/15/16 16:41	104-51-8	
sec-Butylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	135-98-8	
tert-Butylbenzene	**<0.014**	mg/kg	0.053	0.014	1	02/12/16 13:53	02/15/16 16:41	98-06-6	
Carbon tetrachloride	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 16:41	56-23-5	
Chlorobenzene	**<0.0086**	mg/kg	0.053	0.0086	1	02/12/16 13:53	02/15/16 16:41	108-90-7	
Chloroethane	**<0.025**	mg/kg	0.53	0.025	1	02/12/16 13:53	02/15/16 16:41	75-00-3	
Chloroform	**<0.0089**	mg/kg	0.053	0.0089	1	02/12/16 13:53	02/15/16 16:41	67-66-3	
Chloromethane	**<0.011**	mg/kg	0.21	0.011	1	02/12/16 13:53	02/15/16 16:41	74-87-3	
2-Chlorotoluene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	95-49-8	
4-Chlorotoluene	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.041**	mg/kg	0.53	0.041	1	02/12/16 13:53	02/15/16 16:41	96-12-8	
Dibromochloromethane	**<0.0082**	mg/kg	0.21	0.0082	1	02/12/16 13:53	02/15/16 16:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0085**	mg/kg	0.053	0.0085	1	02/12/16 13:53	02/15/16 16:41	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 16:41	74-95-3	
1,2-Dichlorobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 16:41	95-50-1	
1,3-Dichlorobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 16:41	541-73-1	
1,4-Dichlorobenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	106-46-7	
Dichlorodifluoromethane	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 16:41	75-71-8	
1,1-Dichloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	75-34-3	
1,2-Dichloroethane	**<0.012**	mg/kg	0.053	0.012	1	02/12/16 13:53	02/15/16 16:41	107-06-2	
1,1-Dichloroethene	**<0.012**	mg/kg	0.053	0.012	1	02/12/16 13:53	02/15/16 16:41	75-35-4	
cis-1,2-Dichloroethene	**<0.019**	mg/kg	0.053	0.019	1	02/12/16 13:53	02/15/16 16:41	156-59-2	
trans-1,2-Dichloroethene	**<0.0087**	mg/kg	0.053	0.0087	1	02/12/16 13:53	02/15/16 16:41	156-60-5	
Dichlorofluoromethane	**<0.050**	mg/kg	0.53	0.050	1	02/12/16 13:53	02/15/16 16:41	75-43-4	
1,2-Dichloropropane	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	78-87-5	
1,3-Dichloropropane	**<0.0083**	mg/kg	0.053	0.0083	1	02/12/16 13:53	02/15/16 16:41	142-28-9	
2,2-Dichloropropane	**<0.021**	mg/kg	0.21	0.021	1	02/12/16 13:53	02/15/16 16:41	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	563-58-6	
cis-1,3-Dichloropropene	**<0.0055**	mg/kg	0.053	0.0055	1	02/12/16 13:53	02/15/16 16:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.021**	mg/kg	0.053	0.021	1	02/12/16 13:53	02/15/16 16:41	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.017**	mg/kg	0.21	0.017	1	02/12/16 13:53	02/15/16 16:41	60-29-7	
Ethylbenzene	**<0.0079**	mg/kg	0.053	0.0079	1	02/12/16 13:53	02/15/16 16:41	100-41-4	
Hexachloro-1,3-butadiene	**<0.023**	mg/kg	0.27	0.023	1	02/12/16 13:53	02/15/16 16:41	87-68-3	
Isopropylbenzene (Cumene)	**<0.0096**	mg/kg	0.053	0.0096	1	02/12/16 13:53	02/15/16 16:41	98-82-8	
p-Isopropyltoluene	**<0.0093**	mg/kg	0.053	0.0093	1	02/12/16 13:53	02/15/16 16:41	99-87-6	
Methylene Chloride	**0.016J**	mg/kg	0.21	0.016	1	02/12/16 13:53	02/15/16 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.067**	mg/kg	0.27	0.067	1	02/12/16 13:53	02/15/16 16:41	108-10-1	
Methyl-tert-butyl ether	**<0.0099**	mg/kg	0.053	0.0099	1	02/12/16 13:53	02/15/16 16:41	1634-04-4	
Naphthalene	**<0.077**	mg/kg	0.21	0.077	1	02/12/16 13:53	02/15/16 16:41	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (7-10) **Lab ID: 10338253010** Collected: 02/09/16 13:25 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	103-65-1	
Styrene	**<0.0084**	mg/kg	0.053	0.0084	1	02/12/16 13:53	02/15/16 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	79-34-5	
Tetrachloroethene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	127-18-4	
Tetrahydrofuran	**<0.084**	mg/kg	2.1	0.084	1	02/12/16 13:53	02/15/16 16:41	109-99-9	
Toluene	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	108-88-3	
1,2,3-Trichlorobenzene	**<0.021**	mg/kg	0.053	0.021	1	02/12/16 13:53	02/15/16 16:41	87-61-6	
1,2,4-Trichlorobenzene	**<0.0097**	mg/kg	0.053	0.0097	1	02/12/16 13:53	02/15/16 16:41	120-82-1	
1,1,1-Trichloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	71-55-6	
1,1,2-Trichloroethane	**<0.015**	mg/kg	0.053	0.015	1	02/12/16 13:53	02/15/16 16:41	79-00-5	
Trichloroethene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 16:41	79-01-6	
Trichlorofluoromethane	**<0.037**	mg/kg	0.53	0.037	1	02/12/16 13:53	02/15/16 16:41	75-69-4	
1,2,3-Trichloropropane	**<0.015**	mg/kg	0.21	0.015	1	02/12/16 13:53	02/15/16 16:41	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 16:41	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 16:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 16:41	108-67-8	
Vinyl chloride	**<0.0095**	mg/kg	0.021	0.0095	1	02/12/16 13:53	02/15/16 16:41	75-01-4	
Xylene (Total)	**<0.032**	mg/kg	0.16	0.032	1	02/12/16 13:53	02/15/16 16:41	1330-20-7	
m&p-Xylene	**<0.023**	mg/kg	0.11	0.023	1	02/12/16 13:53	02/15/16 16:41	179601-23-1	
o-Xylene	**<0.0090**	mg/kg	0.053	0.0090	1	02/12/16 13:53	02/15/16 16:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-129		1	02/12/16 13:53	02/15/16 16:41	17060-07-0	1M
Toluene-d8 (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 16:41	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1	02/12/16 13:53	02/15/16 16:41	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**7.3**	%	0.10	0.10	1		02/12/16 13:00		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**3.2J**	mg/kg	10.8	2.1	1	02/16/16 08:01	02/18/16 23:29		N2
Surrogates									
1-Chloro-octadecane (S)	74	%.	40-140		1	02/16/16 08:01	02/18/16 23:29	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.021**	mg/kg	0.054	0.021	1	02/11/16 14:47	02/16/16 21:16	1634-04-4	N2
Benzene	**<0.0030**	mg/kg	0.027	0.0030	1	02/11/16 14:47	02/16/16 21:16	71-43-2	N2
Toluene	**<0.0047**	mg/kg	0.054	0.0047	1	02/11/16 14:47	02/16/16 21:16	108-88-3	N2
Ethylbenzene	**<0.0040**	mg/kg	0.054	0.0040	1	02/11/16 14:47	02/16/16 21:16	100-41-4	N2
m&p-Xylene	**<0.027**	mg/kg	0.11	0.027	1	02/11/16 14:47	02/16/16 21:16	179601-23-1	N2
o-Xylene	**<0.0065**	mg/kg	0.11	0.0065	1	02/11/16 14:47	02/16/16 21:16	95-47-6	N2
Xylene (Total)	**<0.034**	mg/kg	0.21	0.034	1	02/11/16 14:47	02/16/16 21:16	1330-20-7	N2
Naphthalene	**<0.020**	mg/kg	0.64	0.020	1	02/11/16 14:47	02/16/16 21:16	91-20-3	N2
Aromatic (C09-C10)	**<0.0054**	mg/kg	1.1	0.0054	1	02/11/16 14:47	02/16/16 21:16		N2
Aliphatic (C05-C08),Unadjusted	**<0.30**	mg/kg	5.4	0.30	1	02/11/16 14:47	02/16/16 21:16		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-5 (7-10) **Lab ID: 10338253010** Collected: 02/09/16 13:25 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.90**	mg/kg	5.4	0.90	1	02/11/16 14:47	02/16/16 21:16		N2
Total Purgeable Hydro Carbons	**<0.39**	mg/kg	10.7	0.39	1	02/11/16 14:47	02/16/16 21:16		N2
Aliphatic, Adjusted(C05-C08)	**<0.30**	mg/kg	5.4	0.30	1	02/11/16 14:47	02/16/16 21:16		N2
Aliphatic, Adjusted(C09-C12)	**<0.90**	mg/kg	5.4	0.90	1	02/11/16 14:47	02/16/16 21:16		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	89	%.	70-130		1	02/11/16 14:47	02/16/16 21:16	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (2-5) **Lab ID: 10338253011** Collected: 02/09/16 11:10 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**5.8**	mg/kg	1.2	0.28	1	02/15/16 15:53	02/16/16 15:07	7440-38-2	
Barium	**121**	mg/kg	0.58	0.058	1	02/15/16 15:53	02/16/16 15:07	7440-39-3	
Cadmium	**0.13J**	mg/kg	0.17	0.044	1	02/15/16 15:53	02/16/16 15:07	7440-43-9	
Chromium	**15.5**	mg/kg	0.58	0.086	1	02/15/16 15:53	02/16/16 15:07	7440-47-3	
Lead	**9.4**	mg/kg	0.58	0.14	1	02/15/16 15:53	02/16/16 15:07	7439-92-1	
Selenium	**<0.47**	mg/kg	1.2	0.47	1	02/15/16 15:53	02/16/16 15:07	7782-49-2	
Silver	**<0.13**	mg/kg	0.58	0.13	1	02/15/16 15:53	02/16/16 15:07	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.014J**	mg/kg	0.022	0.0076	1	02/14/16 19:44	02/14/16 22:12	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 14:48	83-32-9	
Acenaphthylene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 14:48	208-96-8	
Anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	120-12-7	
Benzo(a)anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	56-55-3	
Benzo(a)pyrene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	50-32-8	
Benzo(b)fluoranthene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 14:48	205-99-2	
Benzo(g,h,i)perylene	**<0.047**	mg/kg	0.39	0.047	1	02/17/16 06:51	02/19/16 14:48	191-24-2	
Benzo(k)fluoranthene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 14:48	207-08-9	
4-Bromophenylphenyl ether	**<0.041**	mg/kg	0.39	0.041	1	02/17/16 06:51	02/19/16 14:48	101-55-3	
Butylbenzylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	85-68-7	
Carbazole	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	86-74-8	
4-Chloro-3-methylphenol	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	59-50-7	
4-Chloroaniline	**<0.059**	mg/kg	0.39	0.059	1	02/17/16 06:51	02/19/16 14:48	106-47-8	
bis(2-Chloroethoxy)methane	**<0.075**	mg/kg	0.39	0.075	1	02/17/16 06:51	02/19/16 14:48	111-91-1	
bis(2-Chloroethyl) ether	**<0.027**	mg/kg	0.39	0.027	1	02/17/16 06:51	02/19/16 14:48	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.089**	mg/kg	0.39	0.089	1	02/17/16 06:51	02/19/16 14:48	108-60-1	
2-Chloronaphthalene	**<0.060**	mg/kg	0.39	0.060	1	02/17/16 06:51	02/19/16 14:48	91-58-7	
2-Chlorophenol	**<0.090**	mg/kg	0.39	0.090	1	02/17/16 06:51	02/19/16 14:48	95-57-8	
4-Chlorophenylphenyl ether	**<0.044**	mg/kg	0.39	0.044	1	02/17/16 06:51	02/19/16 14:48	7005-72-3	
Chrysene	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 14:48	218-01-9	
Dibenz(a,h)anthracene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	53-70-3	
Dibenzofuran	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	132-64-9	
1,2-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 14:48	95-50-1	
1,3-Dichlorobenzene	**<0.024**	mg/kg	0.39	0.024	1	02/17/16 06:51	02/19/16 14:48	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.39	0.026	1	02/17/16 06:51	02/19/16 14:48	106-46-7	
3,3'-Dichlorobenzidine	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 14:48	91-94-1	
2,4-Dichlorophenol	**<0.073**	mg/kg	0.39	0.073	1	02/17/16 06:51	02/19/16 14:48	120-83-2	
Diethylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	84-66-2	
2,4-Dimethylphenol	**<0.072**	mg/kg	0.39	0.072	1	02/17/16 06:51	02/19/16 14:48	105-67-9	
Dimethylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	131-11-3	
Di-n-butylphthalate	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 14:48	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.077**	mg/kg	2.0	0.077	1	02/17/16 06:51	02/19/16 14:48	534-52-1	
2,4-Dinitrophenol	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	51-28-5	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (2-5) **Lab ID: 10338253011** Collected: 02/09/16 11:10 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	121-14-2	
2,6-Dinitrotoluene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 14:48	606-20-2	
Di-n-octylphthalate	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	117-84-0	
1,2-Diphenylhydrazine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.066**	mg/kg	0.39	0.066	1	02/17/16 06:51	02/19/16 14:48	117-81-7	
Fluoranthene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	206-44-0	
Fluorene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	86-73-7	
Hexachloro-1,3-butadiene	**<0.032**	mg/kg	0.39	0.032	1	02/17/16 06:51	02/19/16 14:48	87-68-3	
Hexachlorobenzene	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 14:48	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 14:48	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	193-39-5	
Isophorone	**<0.062**	mg/kg	0.39	0.062	1	02/17/16 06:51	02/19/16 14:48	78-59-1	
1-Methylnaphthalene	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 14:48	90-12-0	
2-Methylnaphthalene	**<0.069**	mg/kg	0.39	0.069	1	02/17/16 06:51	02/19/16 14:48	91-57-6	
2-Methylphenol(o-Cresol)	**<0.083**	mg/kg	0.39	0.083	1	02/17/16 06:51	02/19/16 14:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.077**	mg/kg	0.77	0.077	1	02/17/16 06:51	02/19/16 14:48		
Naphthalene	**<0.072**	mg/kg	0.39	0.072	1	02/17/16 06:51	02/19/16 14:48	91-20-3	
2-Nitroaniline	**<0.042**	mg/kg	0.39	0.042	1	02/17/16 06:51	02/19/16 14:48	88-74-4	
3-Nitroaniline	**<0.039**	mg/kg	0.39	0.039	1	02/17/16 06:51	02/19/16 14:48	99-09-2	
4-Nitroaniline	**<0.034**	mg/kg	0.39	0.034	1	02/17/16 06:51	02/19/16 14:48	100-01-6	
Nitrobenzene	**<0.078**	mg/kg	0.39	0.078	1	02/17/16 06:51	02/19/16 14:48	98-95-3	
2-Nitrophenol	**<0.066**	mg/kg	0.39	0.066	1	02/17/16 06:51	02/19/16 14:48	88-75-5	
4-Nitrophenol	**<0.040**	mg/kg	0.39	0.040	1	02/17/16 06:51	02/19/16 14:48	100-02-7	
N-Nitrosodimethylamine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	62-75-9	
N-Nitroso-di-n-propylamine	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 14:48	621-64-7	
N-Nitrosodiphenylamine	**<0.19**	mg/kg	0.39	0.19	1	02/17/16 06:51	02/19/16 14:48	86-30-6	
Pentachlorophenol	**<0.19**	mg/kg	0.78	0.19	1	02/17/16 06:51	02/19/16 14:48	87-86-5	
Phenanthrene	**<0.055**	mg/kg	0.39	0.055	1	02/17/16 06:51	02/19/16 14:48	85-01-8	
Phenol	**<0.084**	mg/kg	0.39	0.084	1	02/17/16 06:51	02/19/16 14:48	108-95-2	
Pyrene	**<0.049**	mg/kg	0.39	0.049	1	02/17/16 06:51	02/19/16 14:48	129-00-0	
1,2,4-Trichlorobenzene	**<0.064**	mg/kg	0.39	0.064	1	02/17/16 06:51	02/19/16 14:48	120-82-1	
2,4,5-Trichlorophenol	**<0.046**	mg/kg	0.39	0.046	1	02/17/16 06:51	02/19/16 14:48	95-95-4	
2,4,6-Trichlorophenol	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 14:48	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%.	30-125		1	02/17/16 06:51	02/19/16 14:48	4165-60-0	
2-Fluorobiphenyl (S)	72	%.	30-130		1	02/17/16 06:51	02/19/16 14:48	321-60-8	
p-Terphenyl-d14 (S)	87	%.	30-148		1	02/17/16 06:51	02/19/16 14:48	1718-51-0	
Phenol-d6 (S)	65	%.	30-125		1	02/17/16 06:51	02/19/16 14:48	13127-88-3	
2-Fluorophenol (S)	64	%.	30-125		1	02/17/16 06:51	02/19/16 14:48	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	30-141		1	02/17/16 06:51	02/19/16 14:48	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.26**	mg/kg	1.1	0.26	1	02/12/16 13:53	02/15/16 16:57	67-64-1	
Allyl chloride	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:57	107-05-1	
Benzene	**<0.0080**	mg/kg	0.023	0.0080	1	02/12/16 13:53	02/15/16 16:57	71-43-2	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (2-5) **Lab ID: 10338253011** Collected: 02/09/16 11:10 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 16:57	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	74-97-5	
Bromodichloromethane	**<0.010**	mg/kg	0.057	0.010	1	02/12/16 13:53	02/15/16 16:57	75-27-4	
Bromoform	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:57	75-25-2	
Bromomethane	**<0.10**	mg/kg	0.57	0.10	1	02/12/16 13:53	02/15/16 16:57	74-83-9	
2-Butanone (MEK)	**<0.095**	mg/kg	0.28	0.095	1	02/12/16 13:53	02/15/16 16:57	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.23	0.011	1	02/12/16 13:53	02/15/16 16:57	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 16:57	135-98-8	
tert-Butylbenzene	**<0.015**	mg/kg	0.057	0.015	1	02/12/16 13:53	02/15/16 16:57	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 16:57	56-23-5	
Chlorobenzene	**<0.0092**	mg/kg	0.057	0.0092	1	02/12/16 13:53	02/15/16 16:57	108-90-7	
Chloroethane	**<0.027**	mg/kg	0.57	0.027	1	02/12/16 13:53	02/15/16 16:57	75-00-3	
Chloroform	**<0.0095**	mg/kg	0.057	0.0095	1	02/12/16 13:53	02/15/16 16:57	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.23	0.012	1	02/12/16 13:53	02/15/16 16:57	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 16:57	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.044**	mg/kg	0.57	0.044	1	02/12/16 13:53	02/15/16 16:57	96-12-8	
Dibromochloromethane	**<0.0088**	mg/kg	0.23	0.0088	1	02/12/16 13:53	02/15/16 16:57	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0092**	mg/kg	0.057	0.0092	1	02/12/16 13:53	02/15/16 16:57	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.057	0.013	1	02/12/16 13:53	02/15/16 16:57	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 16:57	95-50-1	
1,3-Dichlorobenzene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 16:57	541-73-1	
1,4-Dichlorobenzene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 16:57	106-46-7	
Dichlorodifluoromethane	**<0.014**	mg/kg	0.23	0.014	1	02/12/16 13:53	02/15/16 16:57	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.057	0.013	1	02/12/16 13:53	02/15/16 16:57	107-06-2	
1,1-Dichloroethene	**<0.013**	mg/kg	0.057	0.013	1	02/12/16 13:53	02/15/16 16:57	75-35-4	
cis-1,2-Dichloroethene	**<0.020**	mg/kg	0.057	0.020	1	02/12/16 13:53	02/15/16 16:57	156-59-2	
trans-1,2-Dichloroethene	**<0.0094**	mg/kg	0.057	0.0094	1	02/12/16 13:53	02/15/16 16:57	156-60-5	
Dichlorofluoromethane	**<0.054**	mg/kg	0.57	0.054	1	02/12/16 13:53	02/15/16 16:57	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 16:57	78-87-5	
1,3-Dichloropropane	**<0.0089**	mg/kg	0.057	0.0089	1	02/12/16 13:53	02/15/16 16:57	142-28-9	
2,2-Dichloropropane	**<0.023**	mg/kg	0.23	0.023	1	02/12/16 13:53	02/15/16 16:57	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	563-58-6	
cis-1,3-Dichloropropene	**<0.0059**	mg/kg	0.057	0.0059	1	02/12/16 13:53	02/15/16 16:57	10061-01-5	
trans-1,3-Dichloropropene	**<0.022**	mg/kg	0.057	0.022	1	02/12/16 13:53	02/15/16 16:57	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.019**	mg/kg	0.23	0.019	1	02/12/16 13:53	02/15/16 16:57	60-29-7	
Ethylbenzene	**<0.0085**	mg/kg	0.057	0.0085	1	02/12/16 13:53	02/15/16 16:57	100-41-4	
Hexachloro-1,3-butadiene	**<0.024**	mg/kg	0.28	0.024	1	02/12/16 13:53	02/15/16 16:57	87-68-3	
Isopropylbenzene (Cumene)	**<0.010**	mg/kg	0.057	0.010	1	02/12/16 13:53	02/15/16 16:57	98-82-8	
p-Isopropyltoluene	**<0.0099**	mg/kg	0.057	0.0099	1	02/12/16 13:53	02/15/16 16:57	99-87-6	
Methylene Chloride	**0.021J**	mg/kg	0.23	0.017	1	02/12/16 13:53	02/15/16 16:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.072**	mg/kg	0.28	0.072	1	02/12/16 13:53	02/15/16 16:57	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	1634-04-4	
Naphthalene	**<0.082**	mg/kg	0.23	0.082	1	02/12/16 13:53	02/15/16 16:57	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (2-5) **Lab ID: 10338253011** Collected: 02/09/16 11:10 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 16:57	103-65-1	
Styrene	**<0.0090**	mg/kg	0.057	0.0090	1	02/12/16 13:53	02/15/16 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.057	0.012	1	02/12/16 13:53	02/15/16 16:57	127-18-4	
Tetrahydrofuran	**<0.090**	mg/kg	2.3	0.090	1	02/12/16 13:53	02/15/16 16:57	109-99-9	
Toluene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	108-88-3	
1,2,3-Trichlorobenzene	**<0.022**	mg/kg	0.057	0.022	1	02/12/16 13:53	02/15/16 16:57	87-61-6	
1,2,4-Trichlorobenzene	**<0.010**	mg/kg	0.057	0.010	1	02/12/16 13:53	02/15/16 16:57	120-82-1	
1,1,1-Trichloroethane	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.057	0.016	1	02/12/16 13:53	02/15/16 16:57	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.057	0.014	1	02/12/16 13:53	02/15/16 16:57	79-01-6	
Trichlorofluoromethane	**<0.039**	mg/kg	0.57	0.039	1	02/12/16 13:53	02/15/16 16:57	75-69-4	
1,2,3-Trichloropropane	**<0.016**	mg/kg	0.23	0.016	1	02/12/16 13:53	02/15/16 16:57	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.23	0.013	1	02/12/16 13:53	02/15/16 16:57	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.011**	mg/kg	0.057	0.011	1	02/12/16 13:53	02/15/16 16:57	108-67-8	
Vinyl chloride	**<0.010**	mg/kg	0.023	0.010	1	02/12/16 13:53	02/15/16 16:57	75-01-4	
Xylene (Total)	**<0.034**	mg/kg	0.17	0.034	1	02/12/16 13:53	02/15/16 16:57	1330-20-7	
m&p-Xylene	**<0.024**	mg/kg	0.11	0.024	1	02/12/16 13:53	02/15/16 16:57	179601-23-1	
o-Xylene	**<0.0096**	mg/kg	0.057	0.0096	1	02/12/16 13:53	02/15/16 16:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	122	%.	75-129		1	02/12/16 13:53	02/15/16 16:57	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 16:57	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1	02/12/16 13:53	02/15/16 16:57	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**14.5**	%	0.10	0.10	1		02/12/16 13:00		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**2.9J**	mg/kg	11.7	2.3	1	02/16/16 08:02	02/19/16 00:02		N2
Surrogates									
1-Chloro-octadecane (S)	76	%.	40-140		1	02/16/16 08:02	02/19/16 00:02	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.021**	mg/kg	0.053	0.021	1	02/11/16 14:47	02/16/16 21:43	1634-04-4	N2
Benzene	**<0.0030**	mg/kg	0.027	0.0030	1	02/11/16 14:47	02/16/16 21:43	71-43-2	N2
Toluene	**<0.0047**	mg/kg	0.053	0.0047	1	02/11/16 14:47	02/16/16 21:43	108-88-3	N2
Ethylbenzene	**<0.0039**	mg/kg	0.053	0.0039	1	02/11/16 14:47	02/16/16 21:43	100-41-4	N2
m&p-Xylene	**<0.027**	mg/kg	0.11	0.027	1	02/11/16 14:47	02/16/16 21:43	179601-23-1	N2
o-Xylene	**<0.0065**	mg/kg	0.11	0.0065	1	02/11/16 14:47	02/16/16 21:43	95-47-6	N2
Xylene (Total)	**<0.034**	mg/kg	0.21	0.034	1	02/11/16 14:47	02/16/16 21:43	1330-20-7	N2
Naphthalene	**<0.020**	mg/kg	0.64	0.020	1	02/11/16 14:47	02/16/16 21:43	91-20-3	N2
Aromatic (C09-C10)	**<0.0053**	mg/kg	1.1	0.0053	1	02/11/16 14:47	02/16/16 21:43		N2
Aliphatic (C05-C08),Unadjusted	**<0.30**	mg/kg	5.3	0.30	1	02/11/16 14:47	02/16/16 21:43		N2

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Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (2-5) **Lab ID: 10338253011** Collected: 02/09/16 11:10 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.90**	mg/kg	5.3	0.90	1	02/11/16 14:47	02/16/16 21:43		N2
Total Purgeable Hydro Carbons	**<0.39**	mg/kg	10.7	0.39	1	02/11/16 14:47	02/16/16 21:43		N2
Aliphatic, Adjusted(C05-C08)	**<0.30**	mg/kg	5.3	0.30	1	02/11/16 14:47	02/16/16 21:43		N2
Aliphatic, Adjusted(C09-C12)	**<0.90**	mg/kg	5.3	0.90	1	02/11/16 14:47	02/16/16 21:43		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	92	%.	70-130		1	02/11/16 14:47	02/16/16 21:43	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (7-10) **Lab ID: 10338253012** Collected: 02/09/16 11:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**3.6**	mg/kg	0.76	0.18	1	02/15/16 15:53	02/16/16 15:10	7440-38-2	
Barium	**123**	mg/kg	0.38	0.038	1	02/15/16 15:53	02/16/16 15:10	7440-39-3	
Cadmium	**0.050J**	mg/kg	0.11	0.029	1	02/15/16 15:53	02/16/16 15:10	7440-43-9	
Chromium	**12.6**	mg/kg	0.38	0.057	1	02/15/16 15:53	02/16/16 15:10	7440-47-3	
Lead	**3.7**	mg/kg	0.38	0.092	1	02/15/16 15:53	02/16/16 15:10	7439-92-1	
Selenium	**<0.31**	mg/kg	0.76	0.31	1	02/15/16 15:53	02/16/16 15:10	7782-49-2	
Silver	**<0.088**	mg/kg	0.38	0.088	1	02/15/16 15:53	02/16/16 15:10	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.0067**	mg/kg	0.019	0.0067	1	02/14/16 19:44	02/14/16 22:14	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.041**	mg/kg	0.36	0.041	1	02/17/16 06:51	02/19/16 15:16	83-32-9	
Acenaphthylene	**<0.047**	mg/kg	0.36	0.047	1	02/17/16 06:51	02/19/16 15:16	208-96-8	
Anthracene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	120-12-7	
Benzo(a)anthracene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	56-55-3	
Benzo(a)pyrene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	50-32-8	
Benzo(b)fluoranthene	**<0.046**	mg/kg	0.36	0.046	1	02/17/16 06:51	02/19/16 15:16	205-99-2	
Benzo(g,h,i)perylene	**<0.044**	mg/kg	0.36	0.044	1	02/17/16 06:51	02/19/16 15:16	191-24-2	
Benzo(k)fluoranthene	**<0.046**	mg/kg	0.36	0.046	1	02/17/16 06:51	02/19/16 15:16	207-08-9	
4-Bromophenylphenyl ether	**<0.038**	mg/kg	0.36	0.038	1	02/17/16 06:51	02/19/16 15:16	101-55-3	
Butylbenzylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	85-68-7	
Carbazole	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	86-74-8	
4-Chloro-3-methylphenol	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	59-50-7	
4-Chloroaniline	**<0.055**	mg/kg	0.36	0.055	1	02/17/16 06:51	02/19/16 15:16	106-47-8	
bis(2-Chloroethoxy)methane	**<0.070**	mg/kg	0.36	0.070	1	02/17/16 06:51	02/19/16 15:16	111-91-1	
bis(2-Chloroethyl) ether	**<0.025**	mg/kg	0.36	0.025	1	02/17/16 06:51	02/19/16 15:16	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.083**	mg/kg	0.36	0.083	1	02/17/16 06:51	02/19/16 15:16	108-60-1	
2-Chloronaphthalene	**<0.056**	mg/kg	0.36	0.056	1	02/17/16 06:51	02/19/16 15:16	91-58-7	
2-Chlorophenol	**<0.084**	mg/kg	0.36	0.084	1	02/17/16 06:51	02/19/16 15:16	95-57-8	
4-Chlorophenylphenyl ether	**<0.041**	mg/kg	0.36	0.041	1	02/17/16 06:51	02/19/16 15:16	7005-72-3	
Chrysene	**<0.048**	mg/kg	0.36	0.048	1	02/17/16 06:51	02/19/16 15:16	218-01-9	
Dibenz(a,h)anthracene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	53-70-3	
Dibenzofuran	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	132-64-9	
1,2-Dichlorobenzene	**<0.023**	mg/kg	0.36	0.023	1	02/17/16 06:51	02/19/16 15:16	95-50-1	
1,3-Dichlorobenzene	**<0.023**	mg/kg	0.36	0.023	1	02/17/16 06:51	02/19/16 15:16	541-73-1	
1,4-Dichlorobenzene	**<0.024**	mg/kg	0.36	0.024	1	02/17/16 06:51	02/19/16 15:16	106-46-7	
3,3'-Dichlorobenzidine	**<0.050**	mg/kg	0.36	0.050	1	02/17/16 06:51	02/19/16 15:16	91-94-1	
2,4-Dichlorophenol	**<0.068**	mg/kg	0.36	0.068	1	02/17/16 06:51	02/19/16 15:16	120-83-2	
Diethylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	84-66-2	
2,4-Dimethylphenol	**<0.067**	mg/kg	0.36	0.067	1	02/17/16 06:51	02/19/16 15:16	105-67-9	
Dimethylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	131-11-3	
Di-n-butylphthalate	**<0.050**	mg/kg	0.36	0.050	1	02/17/16 06:51	02/19/16 15:16	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.071**	mg/kg	1.9	0.071	1	02/17/16 06:51	02/19/16 15:16	534-52-1	
2,4-Dinitrophenol	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	51-28-5	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (7-10) **Lab ID: 10338253012** Collected: 02/09/16 11:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	121-14-2	
2,6-Dinitrotoluene	**<0.031**	mg/kg	0.36	0.031	1	02/17/16 06:51	02/19/16 15:16	606-20-2	
Di-n-octylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	117-84-0	
1,2-Diphenylhydrazine	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.061**	mg/kg	0.36	0.061	1	02/17/16 06:51	02/19/16 15:16	117-81-7	
Fluoranthene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	206-44-0	
Fluorene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	86-73-7	
Hexachloro-1,3-butadiene	**<0.030**	mg/kg	0.36	0.030	1	02/17/16 06:51	02/19/16 15:16	87-68-3	
Hexachlorobenzene	**<0.047**	mg/kg	0.36	0.047	1	02/17/16 06:51	02/19/16 15:16	118-74-1	
Hexachloroethane	**<0.023**	mg/kg	0.36	0.023	1	02/17/16 06:51	02/19/16 15:16	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	193-39-5	
Isophorone	**<0.057**	mg/kg	0.36	0.057	1	02/17/16 06:51	02/19/16 15:16	78-59-1	
1-Methylnaphthalene	**<0.062**	mg/kg	0.36	0.062	1	02/17/16 06:51	02/19/16 15:16	90-12-0	
2-Methylnaphthalene	**<0.064**	mg/kg	0.36	0.064	1	02/17/16 06:51	02/19/16 15:16	91-57-6	
2-Methylphenol(o-Cresol)	**<0.078**	mg/kg	0.36	0.078	1	02/17/16 06:51	02/19/16 15:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.072**	mg/kg	0.72	0.072	1	02/17/16 06:51	02/19/16 15:16		
Naphthalene	**<0.067**	mg/kg	0.36	0.067	1	02/17/16 06:51	02/19/16 15:16	91-20-3	
2-Nitroaniline	**<0.039**	mg/kg	0.36	0.039	1	02/17/16 06:51	02/19/16 15:16	88-74-4	
3-Nitroaniline	**<0.037**	mg/kg	0.36	0.037	1	02/17/16 06:51	02/19/16 15:16	99-09-2	
4-Nitroaniline	**<0.031**	mg/kg	0.36	0.031	1	02/17/16 06:51	02/19/16 15:16	100-01-6	
Nitrobenzene	**<0.073**	mg/kg	0.36	0.073	1	02/17/16 06:51	02/19/16 15:16	98-95-3	
2-Nitrophenol	**<0.061**	mg/kg	0.36	0.061	1	02/17/16 06:51	02/19/16 15:16	88-75-5	
4-Nitrophenol	**<0.038**	mg/kg	0.36	0.038	1	02/17/16 06:51	02/19/16 15:16	100-02-7	
N-Nitrosodimethylamine	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	62-75-9	
N-Nitroso-di-n-propylamine	**<0.049**	mg/kg	0.36	0.049	1	02/17/16 06:51	02/19/16 15:16	621-64-7	
N-Nitrosodiphenylamine	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 15:16	86-30-6	
Pentachlorophenol	**<0.18**	mg/kg	0.73	0.18	1	02/17/16 06:51	02/19/16 15:16	87-86-5	
Phenanthrene	**<0.051**	mg/kg	0.36	0.051	1	02/17/16 06:51	02/19/16 15:16	85-01-8	
Phenol	**<0.079**	mg/kg	0.36	0.079	1	02/17/16 06:51	02/19/16 15:16	108-95-2	
Pyrene	**<0.045**	mg/kg	0.36	0.045	1	02/17/16 06:51	02/19/16 15:16	129-00-0	
1,2,4-Trichlorobenzene	**<0.059**	mg/kg	0.36	0.059	1	02/17/16 06:51	02/19/16 15:16	120-82-1	
2,4,5-Trichlorophenol	**<0.043**	mg/kg	0.36	0.043	1	02/17/16 06:51	02/19/16 15:16	95-95-4	
2,4,6-Trichlorophenol	**<0.046**	mg/kg	0.36	0.046	1	02/17/16 06:51	02/19/16 15:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%.	30-125		1	02/17/16 06:51	02/19/16 15:16	4165-60-0	
2-Fluorobiphenyl (S)	74	%.	30-130		1	02/17/16 06:51	02/19/16 15:16	321-60-8	
p-Terphenyl-d14 (S)	86	%.	30-148		1	02/17/16 06:51	02/19/16 15:16	1718-51-0	
Phenol-d6 (S)	71	%.	30-125		1	02/17/16 06:51	02/19/16 15:16	13127-88-3	
2-Fluorophenol (S)	70	%.	30-125		1	02/17/16 06:51	02/19/16 15:16	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	30-141		1	02/17/16 06:51	02/19/16 15:16	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.24**	mg/kg	1.1	0.24	1	02/12/16 13:53	02/15/16 17:13	67-64-1	
Allyl chloride	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 17:13	107-05-1	
Benzene	**<0.0075**	mg/kg	0.021	0.0075	1	02/12/16 13:53	02/15/16 17:13	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (7-10) **Lab ID: 10338253012** Collected: 02/09/16 11:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 17:13	108-86-1	
Bromochloromethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	74-97-5	
Bromodichloromethane	**<0.0095**	mg/kg	0.053	0.0095	1	02/12/16 13:53	02/15/16 17:13	75-27-4	
Bromoform	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 17:13	75-25-2	
Bromomethane	**<0.094**	mg/kg	0.53	0.094	1	02/12/16 13:53	02/15/16 17:13	74-83-9	
2-Butanone (MEK)	**<0.088**	mg/kg	0.27	0.088	1	02/12/16 13:53	02/15/16 17:13	78-93-3	
n-Butylbenzene	**<0.010**	mg/kg	0.21	0.010	1	02/12/16 13:53	02/15/16 17:13	104-51-8	
sec-Butylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	135-98-8	
tert-Butylbenzene	**<0.014**	mg/kg	0.053	0.014	1	02/12/16 13:53	02/15/16 17:13	98-06-6	
Carbon tetrachloride	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 17:13	56-23-5	
Chlorobenzene	**<0.0086**	mg/kg	0.053	0.0086	1	02/12/16 13:53	02/15/16 17:13	108-90-7	
Chloroethane	**<0.025**	mg/kg	0.53	0.025	1	02/12/16 13:53	02/15/16 17:13	75-00-3	
Chloroform	**<0.0089**	mg/kg	0.053	0.0089	1	02/12/16 13:53	02/15/16 17:13	67-66-3	
Chloromethane	**<0.011**	mg/kg	0.21	0.011	1	02/12/16 13:53	02/15/16 17:13	74-87-3	
2-Chlorotoluene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	95-49-8	
4-Chlorotoluene	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.041**	mg/kg	0.53	0.041	1	02/12/16 13:53	02/15/16 17:13	96-12-8	
Dibromochloromethane	**<0.0083**	mg/kg	0.21	0.0083	1	02/12/16 13:53	02/15/16 17:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0086**	mg/kg	0.053	0.0086	1	02/12/16 13:53	02/15/16 17:13	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 17:13	74-95-3	
1,2-Dichlorobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 17:13	95-50-1	
1,3-Dichlorobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 17:13	541-73-1	
1,4-Dichlorobenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	106-46-7	
Dichlorodifluoromethane	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 17:13	75-71-8	
1,1-Dichloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	75-34-3	
1,2-Dichloroethane	**<0.012**	mg/kg	0.053	0.012	1	02/12/16 13:53	02/15/16 17:13	107-06-2	
1,1-Dichloroethene	**<0.012**	mg/kg	0.053	0.012	1	02/12/16 13:53	02/15/16 17:13	75-35-4	
cis-1,2-Dichloroethene	**<0.019**	mg/kg	0.053	0.019	1	02/12/16 13:53	02/15/16 17:13	156-59-2	
trans-1,2-Dichloroethene	**<0.0088**	mg/kg	0.053	0.0088	1	02/12/16 13:53	02/15/16 17:13	156-60-5	
Dichlorofluoromethane	**<0.050**	mg/kg	0.53	0.050	1	02/12/16 13:53	02/15/16 17:13	75-43-4	
1,2-Dichloropropane	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	78-87-5	
1,3-Dichloropropane	**<0.0083**	mg/kg	0.053	0.0083	1	02/12/16 13:53	02/15/16 17:13	142-28-9	
2,2-Dichloropropane	**<0.022**	mg/kg	0.21	0.022	1	02/12/16 13:53	02/15/16 17:13	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	563-58-6	
cis-1,3-Dichloropropene	**<0.0055**	mg/kg	0.053	0.0055	1	02/12/16 13:53	02/15/16 17:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.021**	mg/kg	0.053	0.021	1	02/12/16 13:53	02/15/16 17:13	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.017**	mg/kg	0.21	0.017	1	02/12/16 13:53	02/15/16 17:13	60-29-7	
Ethylbenzene	**<0.0080**	mg/kg	0.053	0.0080	1	02/12/16 13:53	02/15/16 17:13	100-41-4	
Hexachloro-1,3-butadiene	**<0.023**	mg/kg	0.27	0.023	1	02/12/16 13:53	02/15/16 17:13	87-68-3	
Isopropylbenzene (Cumene)	**<0.0097**	mg/kg	0.053	0.0097	1	02/12/16 13:53	02/15/16 17:13	98-82-8	
p-Isopropyltoluene	**<0.0093**	mg/kg	0.053	0.0093	1	02/12/16 13:53	02/15/16 17:13	99-87-6	
Methylene Chloride	**<0.016**	mg/kg	0.21	0.016	1	02/12/16 13:53	02/15/16 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.068**	mg/kg	0.27	0.068	1	02/12/16 13:53	02/15/16 17:13	108-10-1	
Methyl-tert-butyl ether	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	1634-04-4	
Naphthalene	**<0.077**	mg/kg	0.21	0.077	1	02/12/16 13:53	02/15/16 17:13	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (7-10) **Lab ID: 10338253012** Collected: 02/09/16 11:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	103-65-1	
Styrene	**<0.0085**	mg/kg	0.053	0.0085	1	02/12/16 13:53	02/15/16 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	79-34-5	
Tetrachloroethene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	127-18-4	
Tetrahydrofuran	**<0.084**	mg/kg	2.1	0.084	1	02/12/16 13:53	02/15/16 17:13	109-99-9	
Toluene	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	108-88-3	
1,2,3-Trichlorobenzene	**<0.021**	mg/kg	0.053	0.021	1	02/12/16 13:53	02/15/16 17:13	87-61-6	
1,2,4-Trichlorobenzene	**<0.0097**	mg/kg	0.053	0.0097	1	02/12/16 13:53	02/15/16 17:13	120-82-1	
1,1,1-Trichloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	71-55-6	
1,1,2-Trichloroethane	**<0.015**	mg/kg	0.053	0.015	1	02/12/16 13:53	02/15/16 17:13	79-00-5	
Trichloroethene	**<0.013**	mg/kg	0.053	0.013	1	02/12/16 13:53	02/15/16 17:13	79-01-6	
Trichlorofluoromethane	**<0.037**	mg/kg	0.53	0.037	1	02/12/16 13:53	02/15/16 17:13	75-69-4	
1,2,3-Trichloropropane	**<0.015**	mg/kg	0.21	0.015	1	02/12/16 13:53	02/15/16 17:13	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.21	0.013	1	02/12/16 13:53	02/15/16 17:13	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/12/16 13:53	02/15/16 17:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.010**	mg/kg	0.053	0.010	1	02/12/16 13:53	02/15/16 17:13	108-67-8	
Vinyl chloride	**<0.0096**	mg/kg	0.021	0.0096	1	02/12/16 13:53	02/15/16 17:13	75-01-4	
Xylene (Total)	**<0.032**	mg/kg	0.16	0.032	1	02/12/16 13:53	02/15/16 17:13	1330-20-7	
m&p-Xylene	**<0.023**	mg/kg	0.11	0.023	1	02/12/16 13:53	02/15/16 17:13	179601-23-1	
o-Xylene	**<0.0090**	mg/kg	0.053	0.0090	1	02/12/16 13:53	02/15/16 17:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	130	%.	75-129		1	02/12/16 13:53	02/15/16 17:13	17060-07-0	1M,S3
Toluene-d8 (S)	101	%.	75-125		1	02/12/16 13:53	02/15/16 17:13	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1	02/12/16 13:53	02/15/16 17:13	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**8.5**	%	0.10	0.10	1		02/12/16 13:00		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.1**	mg/kg	10.9	2.1	1	02/16/16 08:02	02/19/16 00:34		N2
Surrogates									
1-Chloro-octadecane (S)	75	%.	40-140		1	02/16/16 08:02	02/19/16 00:34	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.022**	mg/kg	0.054	0.022	1	02/11/16 14:47	02/16/16 22:10	1634-04-4	N2
Benzene	**<0.0030**	mg/kg	0.027	0.0030	1	02/11/16 14:47	02/16/16 22:10	71-43-2	N2
Toluene	**<0.0048**	mg/kg	0.054	0.0048	1	02/11/16 14:47	02/16/16 22:10	108-88-3	N2
Ethylbenzene	**<0.0040**	mg/kg	0.054	0.0040	1	02/11/16 14:47	02/16/16 22:10	100-41-4	N2
m&p-Xylene	**<0.028**	mg/kg	0.11	0.028	1	02/11/16 14:47	02/16/16 22:10	179601-23-1	N2
o-Xylene	**<0.0066**	mg/kg	0.11	0.0066	1	02/11/16 14:47	02/16/16 22:10	95-47-6	N2
Xylene (Total)	**<0.035**	mg/kg	0.22	0.035	1	02/11/16 14:47	02/16/16 22:10	1330-20-7	N2
Naphthalene	**<0.020**	mg/kg	0.65	0.020	1	02/11/16 14:47	02/16/16 22:10	91-20-3	N2
Aromatic (C09-C10)	**<0.0054**	mg/kg	1.1	0.0054	1	02/11/16 14:47	02/16/16 22:10		N2
Aliphatic (C05-C08),Unadjusted	**<0.30**	mg/kg	5.4	0.30	1	02/11/16 14:47	02/16/16 22:10		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-6 (7-10) **Lab ID: 10338253012** Collected: 02/09/16 11:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.91**	mg/kg	5.4	0.91	1	02/11/16 14:47	02/16/16 22:10		N2
Total Purgeable Hydro Carbons	**<0.40**	mg/kg	10.8	0.40	1	02/11/16 14:47	02/16/16 22:10		N2
Aliphatic, Adjusted(C05-C08)	**<0.30**	mg/kg	5.4	0.30	1	02/11/16 14:47	02/16/16 22:10		N2
Aliphatic, Adjusted(C09-C12)	**<0.91**	mg/kg	5.4	0.91	1	02/11/16 14:47	02/16/16 22:10		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	87	%.	70-130		1	02/11/16 14:47	02/16/16 22:10	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (0-5) **Lab ID: 10338253013** Collected: 02/09/16 09:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**8.2**	mg/kg	0.81	0.20	1	02/15/16 15:53	02/16/16 15:13	7440-38-2	
Barium	**124**	mg/kg	0.41	0.041	1	02/15/16 15:53	02/16/16 15:13	7440-39-3	
Cadmium	**0.068J**	mg/kg	0.12	0.031	1	02/15/16 15:53	02/16/16 15:13	7440-43-9	
Chromium	**17.3**	mg/kg	0.41	0.061	1	02/15/16 15:53	02/16/16 15:13	7440-47-3	
Lead	**7.1**	mg/kg	0.41	0.098	1	02/15/16 15:53	02/16/16 15:13	7439-92-1	
Selenium	**<0.33**	mg/kg	0.81	0.33	1	02/15/16 15:53	02/16/16 15:13	7782-49-2	
Silver	**<0.094**	mg/kg	0.41	0.094	1	02/15/16 15:53	02/16/16 15:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.023**	mg/kg	0.023	0.0079	1	02/14/16 19:44	02/14/16 22:16	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 15:43	83-32-9	
Acenaphthylene	**<0.052**	mg/kg	0.40	0.052	1	02/17/16 06:51	02/19/16 15:43	208-96-8	
Anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	50-32-8	
Benzo(b)fluoranthene	**<0.050**	mg/kg	0.40	0.050	1	02/17/16 06:51	02/19/16 15:43	205-99-2	
Benzo(g,h,i)perylene	**<0.048**	mg/kg	0.40	0.048	1	02/17/16 06:51	02/19/16 15:43	191-24-2	
Benzo(k)fluoranthene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 15:43	207-08-9	
4-Bromophenylphenyl ether	**<0.042**	mg/kg	0.40	0.042	1	02/17/16 06:51	02/19/16 15:43	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	85-68-7	
Carbazole	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	59-50-7	
4-Chloroaniline	**<0.061**	mg/kg	0.40	0.061	1	02/17/16 06:51	02/19/16 15:43	106-47-8	
bis(2-Chloroethoxy)methane	**<0.078**	mg/kg	0.40	0.078	1	02/17/16 06:51	02/19/16 15:43	111-91-1	
bis(2-Chloroethyl) ether	**<0.028**	mg/kg	0.40	0.028	1	02/17/16 06:51	02/19/16 15:43	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.092**	mg/kg	0.40	0.092	1	02/17/16 06:51	02/19/16 15:43	108-60-1	
2-Chloronaphthalene	**<0.062**	mg/kg	0.40	0.062	1	02/17/16 06:51	02/19/16 15:43	91-58-7	
2-Chlorophenol	**<0.093**	mg/kg	0.40	0.093	1	02/17/16 06:51	02/19/16 15:43	95-57-8	
4-Chlorophenylphenyl ether	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 15:43	7005-72-3	
Chrysene	**<0.053**	mg/kg	0.40	0.053	1	02/17/16 06:51	02/19/16 15:43	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	132-64-9	
1,2-Dichlorobenzene	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 15:43	95-50-1	
1,3-Dichlorobenzene	**<0.025**	mg/kg	0.40	0.025	1	02/17/16 06:51	02/19/16 15:43	541-73-1	
1,4-Dichlorobenzene	**<0.027**	mg/kg	0.40	0.027	1	02/17/16 06:51	02/19/16 15:43	106-46-7	
3,3'-Dichlorobenzidine	**<0.055**	mg/kg	0.40	0.055	1	02/17/16 06:51	02/19/16 15:43	91-94-1	
2,4-Dichlorophenol	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 15:43	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	84-66-2	
2,4-Dimethylphenol	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 15:43	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	131-11-3	
Di-n-butylphthalate	**<0.055**	mg/kg	0.40	0.055	1	02/17/16 06:51	02/19/16 15:43	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.079**	mg/kg	2.1	0.079	1	02/17/16 06:51	02/19/16 15:43	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (0-5) **Lab ID: 10338253013** Collected: 02/09/16 09:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	121-14-2	
2,6-Dinitrotoluene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 15:43	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.068**	mg/kg	0.40	0.068	1	02/17/16 06:51	02/19/16 15:43	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	206-44-0	
Fluorene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	86-73-7	
Hexachloro-1,3-butadiene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 15:43	87-68-3	
Hexachlorobenzene	**<0.052**	mg/kg	0.40	0.052	1	02/17/16 06:51	02/19/16 15:43	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.40	0.025	1	02/17/16 06:51	02/19/16 15:43	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	193-39-5	
Isophorone	**<0.064**	mg/kg	0.40	0.064	1	02/17/16 06:51	02/19/16 15:43	78-59-1	
1-Methylnaphthalene	**<0.069**	mg/kg	0.40	0.069	1	02/17/16 06:51	02/19/16 15:43	90-12-0	
2-Methylnaphthalene	**<0.071**	mg/kg	0.40	0.071	1	02/17/16 06:51	02/19/16 15:43	91-57-6	
2-Methylphenol(o-Cresol)	**<0.086**	mg/kg	0.40	0.086	1	02/17/16 06:51	02/19/16 15:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.080**	mg/kg	0.80	0.080	1	02/17/16 06:51	02/19/16 15:43		
Naphthalene	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 15:43	91-20-3	
2-Nitroaniline	**<0.043**	mg/kg	0.40	0.043	1	02/17/16 06:51	02/19/16 15:43	88-74-4	
3-Nitroaniline	**<0.041**	mg/kg	0.40	0.041	1	02/17/16 06:51	02/19/16 15:43	99-09-2	
4-Nitroaniline	**<0.035**	mg/kg	0.40	0.035	1	02/17/16 06:51	02/19/16 15:43	100-01-6	
Nitrobenzene	**<0.080**	mg/kg	0.40	0.080	1	02/17/16 06:51	02/19/16 15:43	98-95-3	
2-Nitrophenol	**<0.068**	mg/kg	0.40	0.068	1	02/17/16 06:51	02/19/16 15:43	88-75-5	
4-Nitrophenol	**<0.042**	mg/kg	0.40	0.042	1	02/17/16 06:51	02/19/16 15:43	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	62-75-9	
N-Nitroso-di-n-propylamine	**<0.054**	mg/kg	0.40	0.054	1	02/17/16 06:51	02/19/16 15:43	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 15:43	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.81	0.20	1	02/17/16 06:51	02/19/16 15:43	87-86-5	
Phenanthrene	**<0.057**	mg/kg	0.40	0.057	1	02/17/16 06:51	02/19/16 15:43	85-01-8	
Phenol	**<0.087**	mg/kg	0.40	0.087	1	02/17/16 06:51	02/19/16 15:43	108-95-2	
Pyrene	**<0.050**	mg/kg	0.40	0.050	1	02/17/16 06:51	02/19/16 15:43	129-00-0	
1,2,4-Trichlorobenzene	**<0.066**	mg/kg	0.40	0.066	1	02/17/16 06:51	02/19/16 15:43	120-82-1	
2,4,5-Trichlorophenol	**<0.048**	mg/kg	0.40	0.048	1	02/17/16 06:51	02/19/16 15:43	95-95-4	
2,4,6-Trichlorophenol	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 15:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%.	30-125		1	02/17/16 06:51	02/19/16 15:43	4165-60-0	
2-Fluorobiphenyl (S)	67	%.	30-130		1	02/17/16 06:51	02/19/16 15:43	321-60-8	
p-Terphenyl-d14 (S)	94	%.	30-148		1	02/17/16 06:51	02/19/16 15:43	1718-51-0	
Phenol-d6 (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 15:43	13127-88-3	
2-Fluorophenol (S)	64	%.	30-125		1	02/17/16 06:51	02/19/16 15:43	367-12-4	
2,4,6-Tribromophenol (S)	73	%.	30-141		1	02/17/16 06:51	02/19/16 15:43	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.27**	mg/kg	1.2	0.27	1	02/12/16 13:53	02/15/16 17:29	67-64-1	
Allyl chloride	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 17:29	107-05-1	
Benzene	**<0.0084**	mg/kg	0.024	0.0084	1	02/12/16 13:53	02/15/16 17:29	71-43-2	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (0-5) **Lab ID: 10338253013** Collected: 02/09/16 09:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 17:29	108-86-1	
Bromochloromethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	75-27-4	
Bromoform	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 17:29	75-25-2	
Bromomethane	**<0.11**	mg/kg	0.60	0.11	1	02/12/16 13:53	02/15/16 17:29	74-83-9	
2-Butanone (MEK)	**<0.10**	mg/kg	0.30	0.10	1	02/12/16 13:53	02/15/16 17:29	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.24	0.011	1	02/12/16 13:53	02/15/16 17:29	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 17:29	98-06-6	
Carbon tetrachloride	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 17:29	56-23-5	
Chlorobenzene	**<0.0097**	mg/kg	0.060	0.0097	1	02/12/16 13:53	02/15/16 17:29	108-90-7	
Chloroethane	**<0.029**	mg/kg	0.60	0.029	1	02/12/16 13:53	02/15/16 17:29	75-00-3	
Chloroform	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 17:29	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.24	0.012	1	02/12/16 13:53	02/15/16 17:29	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.046**	mg/kg	0.60	0.046	1	02/12/16 13:53	02/15/16 17:29	96-12-8	
Dibromochloromethane	**<0.0093**	mg/kg	0.24	0.0093	1	02/12/16 13:53	02/15/16 17:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0097**	mg/kg	0.060	0.0097	1	02/12/16 13:53	02/15/16 17:29	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 17:29	74-95-3	
1,2-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 17:29	95-50-1	
1,3-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 17:29	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 17:29	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 17:29	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 17:29	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 17:29	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.060	0.021	1	02/12/16 13:53	02/15/16 17:29	156-59-2	
trans-1,2-Dichloroethene	**<0.0099**	mg/kg	0.060	0.0099	1	02/12/16 13:53	02/15/16 17:29	156-60-5	
Dichlorofluoromethane	**<0.056**	mg/kg	0.60	0.056	1	02/12/16 13:53	02/15/16 17:29	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	78-87-5	
1,3-Dichloropropane	**<0.0094**	mg/kg	0.060	0.0094	1	02/12/16 13:53	02/15/16 17:29	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.24	0.024	1	02/12/16 13:53	02/15/16 17:29	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	563-58-6	
cis-1,3-Dichloropropene	**<0.0062**	mg/kg	0.060	0.0062	1	02/12/16 13:53	02/15/16 17:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 17:29	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.020**	mg/kg	0.24	0.020	1	02/12/16 13:53	02/15/16 17:29	60-29-7	
Ethylbenzene	**<0.0090**	mg/kg	0.060	0.0090	1	02/12/16 13:53	02/15/16 17:29	100-41-4	
Hexachloro-1,3-butadiene	**<0.026**	mg/kg	0.30	0.026	1	02/12/16 13:53	02/15/16 17:29	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	98-82-8	
p-Isopropyltoluene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 17:29	99-87-6	
Methylene Chloride	**0.022J**	mg/kg	0.24	0.018	1	02/12/16 13:53	02/15/16 17:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.076**	mg/kg	0.30	0.076	1	02/12/16 13:53	02/15/16 17:29	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	1634-04-4	
Naphthalene	**<0.087**	mg/kg	0.24	0.087	1	02/12/16 13:53	02/15/16 17:29	91-20-3	

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Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (0-5) **Lab ID: 10338253013** Collected: 02/09/16 09:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 17:29	103-65-1	
Styrene	**<0.0095**	mg/kg	0.060	0.0095	1	02/12/16 13:53	02/15/16 17:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	127-18-4	
Tetrahydrofuran	**<0.095**	mg/kg	2.4	0.095	1	02/12/16 13:53	02/15/16 17:29	109-99-9	
Toluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 17:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 17:29	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 17:29	79-00-5	
Trichloroethene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 17:29	79-01-6	
Trichlorofluoromethane	**<0.042**	mg/kg	0.60	0.042	1	02/12/16 13:53	02/15/16 17:29	75-69-4	
1,2,3-Trichloropropane	**<0.017**	mg/kg	0.24	0.017	1	02/12/16 13:53	02/15/16 17:29	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 17:29	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 17:29	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.024	0.011	1	02/12/16 13:53	02/15/16 17:29	75-01-4	
Xylene (Total)	**<0.036**	mg/kg	0.18	0.036	1	02/12/16 13:53	02/15/16 17:29	1330-20-7	
m&p-Xylene	**<0.026**	mg/kg	0.12	0.026	1	02/12/16 13:53	02/15/16 17:29	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 17:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	122	%.	75-129		1	02/12/16 13:53	02/15/16 17:29	17060-07-0	1M
Toluene-d8 (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 17:29	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 17:29	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**17.1**	%	0.10	0.10	1		02/12/16 13:00		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.3**	mg/kg	12.0	2.3	1	02/16/16 08:02	02/19/16 01:07		N2
Surrogates									
1-Chloro-octadecane (S)	67	%.	40-140		1	02/16/16 08:02	02/19/16 01:07	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.023**	mg/kg	0.057	0.023	1	02/11/16 14:47	02/16/16 23:30	1634-04-4	N2
Benzene	**<0.0032**	mg/kg	0.029	0.0032	1	02/11/16 14:47	02/16/16 23:30	71-43-2	N2
Toluene	**<0.0050**	mg/kg	0.057	0.0050	1	02/11/16 14:47	02/16/16 23:30	108-88-3	N2
Ethylbenzene	**<0.0042**	mg/kg	0.057	0.0042	1	02/11/16 14:47	02/16/16 23:30	100-41-4	N2
m&p-Xylene	**<0.029**	mg/kg	0.11	0.029	1	02/11/16 14:47	02/16/16 23:30	179601-23-1	N2
o-Xylene	**<0.0070**	mg/kg	0.11	0.0070	1	02/11/16 14:47	02/16/16 23:30	95-47-6	N2
Xylene (Total)	**<0.037**	mg/kg	0.23	0.037	1	02/11/16 14:47	02/16/16 23:30	1330-20-7	N2
Naphthalene	**0.037J**	mg/kg	0.69	0.022	1	02/11/16 14:47	02/16/16 23:30	91-20-3	B,N2
Aromatic (C09-C10)	**<0.0057**	mg/kg	1.1	0.0057	1	02/11/16 14:47	02/16/16 23:30		N2
Aliphatic (C05-C08),Unadjusted	**<0.32**	mg/kg	5.7	0.32	1	02/11/16 14:47	02/16/16 23:30		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (0-5) **Lab ID: 10338253013** Collected: 02/09/16 09:20 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.97**	mg/kg	5.7	0.97	1	02/11/16 14:47	02/16/16 23:30		N2
Total Purgeable Hydro Carbons	**<0.42**	mg/kg	11.5	0.42	1	02/11/16 14:47	02/16/16 23:30		N2
Aliphatic, Adjusted(C05-C08)	**<0.32**	mg/kg	5.7	0.32	1	02/11/16 14:47	02/16/16 23:30		N2
Aliphatic, Adjusted(C09-C12)	**<0.97**	mg/kg	5.7	0.97	1	02/11/16 14:47	02/16/16 23:30		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	87	%.	70-130		1	02/11/16 14:47	02/16/16 23:30	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (5-10) **Lab ID: 10338253014** Collected: 02/09/16 09:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.8**	mg/kg	0.86	0.21	1	02/15/16 15:53	02/16/16 15:16	7440-38-2	
Barium	**102**	mg/kg	0.43	0.043	1	02/15/16 15:53	02/16/16 15:16	7440-39-3	
Cadmium	**<0.033**	mg/kg	0.13	0.033	1	02/15/16 15:53	02/16/16 15:16	7440-43-9	
Chromium	**10.8**	mg/kg	0.43	0.064	1	02/15/16 15:53	02/16/16 15:16	7440-47-3	
Lead	**4.5**	mg/kg	0.43	0.10	1	02/15/16 15:53	02/16/16 15:16	7439-92-1	
Selenium	**<0.35**	mg/kg	0.86	0.35	1	02/15/16 15:53	02/16/16 15:16	7782-49-2	
Silver	**<0.099**	mg/kg	0.43	0.099	1	02/15/16 15:53	02/16/16 15:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.0067**	mg/kg	0.019	0.0067	1	02/14/16 19:44	02/14/16 22:18	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.042**	mg/kg	0.36	0.042	1	02/17/16 06:51	02/19/16 16:11	83-32-9	
Acenaphthylene	**<0.047**	mg/kg	0.36	0.047	1	02/17/16 06:51	02/19/16 16:11	208-96-8	
Anthracene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	120-12-7	
Benzo(a)anthracene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	56-55-3	
Benzo(a)pyrene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	50-32-8	
Benzo(b)fluoranthene	**<0.046**	mg/kg	0.36	0.046	1	02/17/16 06:51	02/19/16 16:11	205-99-2	
Benzo(g,h,i)perylene	**<0.044**	mg/kg	0.36	0.044	1	02/17/16 06:51	02/19/16 16:11	191-24-2	
Benzo(k)fluoranthene	**<0.046**	mg/kg	0.36	0.046	1	02/17/16 06:51	02/19/16 16:11	207-08-9	
4-Bromophenylphenyl ether	**<0.038**	mg/kg	0.36	0.038	1	02/17/16 06:51	02/19/16 16:11	101-55-3	
Butylbenzylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	85-68-7	
Carbazole	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	86-74-8	
4-Chloro-3-methylphenol	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	59-50-7	
4-Chloroaniline	**<0.055**	mg/kg	0.36	0.055	1	02/17/16 06:51	02/19/16 16:11	106-47-8	
bis(2-Chloroethoxy)methane	**<0.071**	mg/kg	0.36	0.071	1	02/17/16 06:51	02/19/16 16:11	111-91-1	
bis(2-Chloroethyl) ether	**<0.025**	mg/kg	0.36	0.025	1	02/17/16 06:51	02/19/16 16:11	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.083**	mg/kg	0.36	0.083	1	02/17/16 06:51	02/19/16 16:11	108-60-1	
2-Chloronaphthalene	**<0.057**	mg/kg	0.36	0.057	1	02/17/16 06:51	02/19/16 16:11	91-58-7	
2-Chlorophenol	**<0.084**	mg/kg	0.36	0.084	1	02/17/16 06:51	02/19/16 16:11	95-57-8	
4-Chlorophenylphenyl ether	**<0.042**	mg/kg	0.36	0.042	1	02/17/16 06:51	02/19/16 16:11	7005-72-3	
Chrysene	**<0.049**	mg/kg	0.36	0.049	1	02/17/16 06:51	02/19/16 16:11	218-01-9	
Dibenz(a,h)anthracene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	53-70-3	
Dibenzofuran	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	132-64-9	
1,2-Dichlorobenzene	**<0.023**	mg/kg	0.36	0.023	1	02/17/16 06:51	02/19/16 16:11	95-50-1	
1,3-Dichlorobenzene	**<0.023**	mg/kg	0.36	0.023	1	02/17/16 06:51	02/19/16 16:11	541-73-1	
1,4-Dichlorobenzene	**<0.024**	mg/kg	0.36	0.024	1	02/17/16 06:51	02/19/16 16:11	106-46-7	
3,3'-Dichlorobenzidine	**<0.050**	mg/kg	0.36	0.050	1	02/17/16 06:51	02/19/16 16:11	91-94-1	
2,4-Dichlorophenol	**<0.068**	mg/kg	0.36	0.068	1	02/17/16 06:51	02/19/16 16:11	120-83-2	
Diethylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	84-66-2	
2,4-Dimethylphenol	**<0.068**	mg/kg	0.36	0.068	1	02/17/16 06:51	02/19/16 16:11	105-67-9	
Dimethylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	131-11-3	
Di-n-butylphthalate	**<0.050**	mg/kg	0.36	0.050	1	02/17/16 06:51	02/19/16 16:11	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.072**	mg/kg	1.9	0.072	1	02/17/16 06:51	02/19/16 16:11	534-52-1	
2,4-Dinitrophenol	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	51-28-5	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (5-10) **Lab ID: 10338253014** Collected: 02/09/16 09:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	121-14-2	
2,6-Dinitrotoluene	**<0.031**	mg/kg	0.36	0.031	1	02/17/16 06:51	02/19/16 16:11	606-20-2	
Di-n-octylphthalate	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	117-84-0	
1,2-Diphenylhydrazine	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.062**	mg/kg	0.36	0.062	1	02/17/16 06:51	02/19/16 16:11	117-81-7	
Fluoranthene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	206-44-0	
Fluorene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	86-73-7	
Hexachloro-1,3-butadiene	**<0.030**	mg/kg	0.36	0.030	1	02/17/16 06:51	02/19/16 16:11	87-68-3	
Hexachlorobenzene	**<0.048**	mg/kg	0.36	0.048	1	02/17/16 06:51	02/19/16 16:11	118-74-1	
Hexachloroethane	**<0.023**	mg/kg	0.36	0.023	1	02/17/16 06:51	02/19/16 16:11	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	193-39-5	
Isophorone	**<0.058**	mg/kg	0.36	0.058	1	02/17/16 06:51	02/19/16 16:11	78-59-1	
1-Methylnaphthalene	**<0.062**	mg/kg	0.36	0.062	1	02/17/16 06:51	02/19/16 16:11	90-12-0	
2-Methylnaphthalene	**<0.065**	mg/kg	0.36	0.065	1	02/17/16 06:51	02/19/16 16:11	91-57-6	
2-Methylphenol(o-Cresol)	**<0.078**	mg/kg	0.36	0.078	1	02/17/16 06:51	02/19/16 16:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.072**	mg/kg	0.72	0.072	1	02/17/16 06:51	02/19/16 16:11		
Naphthalene	**<0.068**	mg/kg	0.36	0.068	1	02/17/16 06:51	02/19/16 16:11	91-20-3	
2-Nitroaniline	**<0.039**	mg/kg	0.36	0.039	1	02/17/16 06:51	02/19/16 16:11	88-74-4	
3-Nitroaniline	**<0.037**	mg/kg	0.36	0.037	1	02/17/16 06:51	02/19/16 16:11	99-09-2	
4-Nitroaniline	**<0.032**	mg/kg	0.36	0.032	1	02/17/16 06:51	02/19/16 16:11	100-01-6	
Nitrobenzene	**<0.073**	mg/kg	0.36	0.073	1	02/17/16 06:51	02/19/16 16:11	98-95-3	
2-Nitrophenol	**<0.062**	mg/kg	0.36	0.062	1	02/17/16 06:51	02/19/16 16:11	88-75-5	
4-Nitrophenol	**<0.038**	mg/kg	0.36	0.038	1	02/17/16 06:51	02/19/16 16:11	100-02-7	
N-Nitrosodimethylamine	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	62-75-9	
N-Nitroso-di-n-propylamine	**<0.049**	mg/kg	0.36	0.049	1	02/17/16 06:51	02/19/16 16:11	621-64-7	
N-Nitrosodiphenylamine	**<0.18**	mg/kg	0.36	0.18	1	02/17/16 06:51	02/19/16 16:11	86-30-6	
Pentachlorophenol	**<0.18**	mg/kg	0.73	0.18	1	02/17/16 06:51	02/19/16 16:11	87-86-5	
Phenanthrene	**<0.052**	mg/kg	0.36	0.052	1	02/17/16 06:51	02/19/16 16:11	85-01-8	
Phenol	**<0.079**	mg/kg	0.36	0.079	1	02/17/16 06:51	02/19/16 16:11	108-95-2	
Pyrene	**<0.046**	mg/kg	0.36	0.046	1	02/17/16 06:51	02/19/16 16:11	129-00-0	
1,2,4-Trichlorobenzene	**<0.060**	mg/kg	0.36	0.060	1	02/17/16 06:51	02/19/16 16:11	120-82-1	
2,4,5-Trichlorophenol	**<0.043**	mg/kg	0.36	0.043	1	02/17/16 06:51	02/19/16 16:11	95-95-4	
2,4,6-Trichlorophenol	**<0.047**	mg/kg	0.36	0.047	1	02/17/16 06:51	02/19/16 16:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%.	30-125		1	02/17/16 06:51	02/19/16 16:11	4165-60-0	
2-Fluorobiphenyl (S)	70	%.	30-130		1	02/17/16 06:51	02/19/16 16:11	321-60-8	
p-Terphenyl-d14 (S)	88	%.	30-148		1	02/17/16 06:51	02/19/16 16:11	1718-51-0	
Phenol-d6 (S)	67	%.	30-125		1	02/17/16 06:51	02/19/16 16:11	13127-88-3	
2-Fluorophenol (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 16:11	367-12-4	
2,4,6-Tribromophenol (S)	70	%.	30-141		1	02/17/16 06:51	02/19/16 16:11	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.24**	mg/kg	1.1	0.24	1	02/12/16 13:53	02/15/16 17:45	67-64-1	
Allyl chloride	**<0.013**	mg/kg	0.22	0.013	1	02/12/16 13:53	02/15/16 17:45	107-05-1	
Benzene	**<0.0076**	mg/kg	0.022	0.0076	1	02/12/16 13:53	02/15/16 17:45	71-43-2	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (5-10) **Lab ID: 10338253014** Collected: 02/09/16 09:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.013**	mg/kg	0.054	0.013	1	02/12/16 13:53	02/15/16 17:45	108-86-1	
Bromochloromethane	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	74-97-5	
Bromodichloromethane	**<0.0096**	mg/kg	0.054	0.0096	1	02/12/16 13:53	02/15/16 17:45	75-27-4	
Bromoform	**<0.013**	mg/kg	0.22	0.013	1	02/12/16 13:53	02/15/16 17:45	75-25-2	
Bromomethane	**<0.095**	mg/kg	0.54	0.095	1	02/12/16 13:53	02/15/16 17:45	74-83-9	
2-Butanone (MEK)	**<0.090**	mg/kg	0.27	0.090	1	02/12/16 13:53	02/15/16 17:45	78-93-3	
n-Butylbenzene	**<0.010**	mg/kg	0.22	0.010	1	02/12/16 13:53	02/15/16 17:45	104-51-8	
sec-Butylbenzene	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	135-98-8	
tert-Butylbenzene	**<0.015**	mg/kg	0.054	0.015	1	02/12/16 13:53	02/15/16 17:45	98-06-6	
Carbon tetrachloride	**<0.013**	mg/kg	0.054	0.013	1	02/12/16 13:53	02/15/16 17:45	56-23-5	
Chlorobenzene	**<0.0088**	mg/kg	0.054	0.0088	1	02/12/16 13:53	02/15/16 17:45	108-90-7	
Chloroethane	**<0.026**	mg/kg	0.54	0.026	1	02/12/16 13:53	02/15/16 17:45	75-00-3	
Chloroform	**<0.0091**	mg/kg	0.054	0.0091	1	02/12/16 13:53	02/15/16 17:45	67-66-3	
Chloromethane	**<0.011**	mg/kg	0.22	0.011	1	02/12/16 13:53	02/15/16 17:45	74-87-3	
2-Chlorotoluene	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	95-49-8	
4-Chlorotoluene	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.042**	mg/kg	0.54	0.042	1	02/12/16 13:53	02/15/16 17:45	96-12-8	
Dibromochloromethane	**<0.0084**	mg/kg	0.22	0.0084	1	02/12/16 13:53	02/15/16 17:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0087**	mg/kg	0.054	0.0087	1	02/12/16 13:53	02/15/16 17:45	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.054	0.013	1	02/12/16 13:53	02/15/16 17:45	74-95-3	
1,2-Dichlorobenzene	**<0.013**	mg/kg	0.054	0.013	1	02/12/16 13:53	02/15/16 17:45	95-50-1	
1,3-Dichlorobenzene	**<0.013**	mg/kg	0.054	0.013	1	02/12/16 13:53	02/15/16 17:45	541-73-1	
1,4-Dichlorobenzene	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	106-46-7	
Dichlorodifluoromethane	**<0.013**	mg/kg	0.22	0.013	1	02/12/16 13:53	02/15/16 17:45	75-71-8	
1,1-Dichloroethane	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	75-34-3	
1,2-Dichloroethane	**<0.012**	mg/kg	0.054	0.012	1	02/12/16 13:53	02/15/16 17:45	107-06-2	
1,1-Dichloroethene	**<0.012**	mg/kg	0.054	0.012	1	02/12/16 13:53	02/15/16 17:45	75-35-4	
cis-1,2-Dichloroethene	**<0.019**	mg/kg	0.054	0.019	1	02/12/16 13:53	02/15/16 17:45	156-59-2	
trans-1,2-Dichloroethene	**<0.0089**	mg/kg	0.054	0.0089	1	02/12/16 13:53	02/15/16 17:45	156-60-5	
Dichlorofluoromethane	**<0.051**	mg/kg	0.54	0.051	1	02/12/16 13:53	02/15/16 17:45	75-43-4	
1,2-Dichloropropane	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	78-87-5	
1,3-Dichloropropane	**<0.0085**	mg/kg	0.054	0.0085	1	02/12/16 13:53	02/15/16 17:45	142-28-9	
2,2-Dichloropropane	**<0.022**	mg/kg	0.22	0.022	1	02/12/16 13:53	02/15/16 17:45	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	563-58-6	
cis-1,3-Dichloropropene	**<0.0056**	mg/kg	0.054	0.0056	1	02/12/16 13:53	02/15/16 17:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.021**	mg/kg	0.054	0.021	1	02/12/16 13:53	02/15/16 17:45	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.018**	mg/kg	0.22	0.018	1	02/12/16 13:53	02/15/16 17:45	60-29-7	
Ethylbenzene	**<0.0081**	mg/kg	0.054	0.0081	1	02/12/16 13:53	02/15/16 17:45	100-41-4	
Hexachloro-1,3-butadiene	**<0.023**	mg/kg	0.27	0.023	1	02/12/16 13:53	02/15/16 17:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.0098**	mg/kg	0.054	0.0098	1	02/12/16 13:53	02/15/16 17:45	98-82-8	
p-Isopropyltoluene	**<0.0095**	mg/kg	0.054	0.0095	1	02/12/16 13:53	02/15/16 17:45	99-87-6	
Methylene Chloride	**<0.016**	mg/kg	0.22	0.016	1	02/12/16 13:53	02/15/16 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.069**	mg/kg	0.27	0.069	1	02/12/16 13:53	02/15/16 17:45	108-10-1	
Methyl-tert-butyl ether	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	1634-04-4	
Naphthalene	**<0.078**	mg/kg	0.22	0.078	1	02/12/16 13:53	02/15/16 17:45	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (5-10) **Lab ID: 10338253014** Collected: 02/09/16 09:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.012**	mg/kg	0.054	0.012	1	02/12/16 13:53	02/15/16 17:45	103-65-1	
Styrene	**<0.0086**	mg/kg	0.054	0.0086	1	02/12/16 13:53	02/15/16 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	79-34-5	
Tetrachloroethene	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	127-18-4	
Tetrahydrofuran	**<0.086**	mg/kg	2.2	0.086	1	02/12/16 13:53	02/15/16 17:45	109-99-9	
Toluene	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	108-88-3	
1,2,3-Trichlorobenzene	**<0.021**	mg/kg	0.054	0.021	1	02/12/16 13:53	02/15/16 17:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.0099**	mg/kg	0.054	0.0099	1	02/12/16 13:53	02/15/16 17:45	120-82-1	
1,1,1-Trichloroethane	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	71-55-6	
1,1,2-Trichloroethane	**<0.015**	mg/kg	0.054	0.015	1	02/12/16 13:53	02/15/16 17:45	79-00-5	
Trichloroethene	**<0.013**	mg/kg	0.054	0.013	1	02/12/16 13:53	02/15/16 17:45	79-01-6	
Trichlorofluoromethane	**<0.037**	mg/kg	0.54	0.037	1	02/12/16 13:53	02/15/16 17:45	75-69-4	
1,2,3-Trichloropropane	**<0.015**	mg/kg	0.22	0.015	1	02/12/16 13:53	02/15/16 17:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.22	0.013	1	02/12/16 13:53	02/15/16 17:45	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.054	0.011	1	02/12/16 13:53	02/15/16 17:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.010**	mg/kg	0.054	0.010	1	02/12/16 13:53	02/15/16 17:45	108-67-8	
Vinyl chloride	**<0.0097**	mg/kg	0.022	0.0097	1	02/12/16 13:53	02/15/16 17:45	75-01-4	
Xylene (Total)	**<0.032**	mg/kg	0.16	0.032	1	02/12/16 13:53	02/15/16 17:45	1330-20-7	
m&p-Xylene	**<0.023**	mg/kg	0.11	0.023	1	02/12/16 13:53	02/15/16 17:45	179601-23-1	
o-Xylene	**<0.0092**	mg/kg	0.054	0.0092	1	02/12/16 13:53	02/15/16 17:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	132	%.	75-129		1	02/12/16 13:53	02/15/16 17:45	17060-07-0	S3
Toluene-d8 (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 17:45	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1	02/12/16 13:53	02/15/16 17:45	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**8.7**	%	0.10	0.10	1		02/12/16 13:00		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.1**	mg/kg	10.9	2.1	1	02/16/16 08:02	02/19/16 01:40		N2
Surrogates									
1-Chloro-octadecane (S)	64	%.	40-140		1	02/16/16 08:02	02/19/16 01:40	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.023**	mg/kg	0.057	0.023	1	02/11/16 14:47	02/16/16 23:57	1634-04-4	N2
Benzene	**<0.0032**	mg/kg	0.029	0.0032	1	02/11/16 14:47	02/16/16 23:57	71-43-2	N2
Toluene	**<0.0051**	mg/kg	0.057	0.0051	1	02/11/16 14:47	02/16/16 23:57	108-88-3	N2
Ethylbenzene	**<0.0042**	mg/kg	0.057	0.0042	1	02/11/16 14:47	02/16/16 23:57	100-41-4	N2
m&p-Xylene	**<0.029**	mg/kg	0.11	0.029	1	02/11/16 14:47	02/16/16 23:57	179601-23-1	N2
o-Xylene	**<0.0070**	mg/kg	0.11	0.0070	1	02/11/16 14:47	02/16/16 23:57	95-47-6	N2
Xylene (Total)	**<0.037**	mg/kg	0.23	0.037	1	02/11/16 14:47	02/16/16 23:57	1330-20-7	N2
Naphthalene	**0.022J**	mg/kg	0.69	0.022	1	02/11/16 14:47	02/16/16 23:57	91-20-3	B,N2
Aromatic (C09-C10)	**<0.0057**	mg/kg	1.1	0.0057	1	02/11/16 14:47	02/16/16 23:57		N2
Aliphatic (C05-C08),Unadjusted	**<0.32**	mg/kg	5.7	0.32	1	02/11/16 14:47	02/16/16 23:57		N2

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Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-7 (5-10) **Lab ID: 10338253014** Collected: 02/09/16 09:30 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.97**	mg/kg	5.7	0.97	1	02/11/16 14:47	02/16/16 23:57		N2
Total Purgeable Hydro Carbons	**<0.42**	mg/kg	11.5	0.42	1	02/11/16 14:47	02/16/16 23:57		N2
Aliphatic, Adjusted(C05-C08)	**<0.32**	mg/kg	5.7	0.32	1	02/11/16 14:47	02/16/16 23:57		N2
Aliphatic, Adjusted(C09-C12)	**<0.97**	mg/kg	5.7	0.97	1	02/11/16 14:47	02/16/16 23:57		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	90	%.	70-130		1	02/11/16 14:47	02/16/16 23:57	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (1-5) **Lab ID: 10338253015** Collected: 02/10/16 09:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**9.9**	mg/kg	1.1	0.26	1	02/15/16 15:53	02/16/16 15:19	7440-38-2	
Barium	**143**	mg/kg	0.55	0.055	1	02/15/16 15:53	02/16/16 15:19	7440-39-3	
Cadmium	**0.15J**	mg/kg	0.16	0.041	1	02/15/16 15:53	02/16/16 15:19	7440-43-9	
Chromium	**19.0**	mg/kg	0.55	0.082	1	02/15/16 15:53	02/16/16 15:19	7440-47-3	
Lead	**8.9**	mg/kg	0.55	0.13	1	02/15/16 15:53	02/16/16 15:19	7439-92-1	
Selenium	**<0.44**	mg/kg	1.1	0.44	1	02/15/16 15:53	02/16/16 15:19	7782-49-2	
Silver	**<0.13**	mg/kg	0.55	0.13	1	02/15/16 15:53	02/16/16 15:19	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.042**	mg/kg	0.021	0.0074	1	02/14/16 19:44	02/14/16 22:20	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 16:39	83-32-9	
Acenaphthylene	**<0.052**	mg/kg	0.40	0.052	1	02/17/16 06:51	02/19/16 16:39	208-96-8	
Anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	50-32-8	
Benzo(b)fluoranthene	**<0.050**	mg/kg	0.40	0.050	1	02/17/16 06:51	02/19/16 16:39	205-99-2	
Benzo(g,h,i)perylene	**<0.048**	mg/kg	0.40	0.048	1	02/17/16 06:51	02/19/16 16:39	191-24-2	
Benzo(k)fluoranthene	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 16:39	207-08-9	
4-Bromophenylphenyl ether	**<0.042**	mg/kg	0.40	0.042	1	02/17/16 06:51	02/19/16 16:39	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	85-68-7	
Carbazole	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	59-50-7	
4-Chloroaniline	**<0.061**	mg/kg	0.40	0.061	1	02/17/16 06:51	02/19/16 16:39	106-47-8	
bis(2-Chloroethoxy)methane	**<0.078**	mg/kg	0.40	0.078	1	02/17/16 06:51	02/19/16 16:39	111-91-1	
bis(2-Chloroethyl) ether	**<0.028**	mg/kg	0.40	0.028	1	02/17/16 06:51	02/19/16 16:39	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.092**	mg/kg	0.40	0.092	1	02/17/16 06:51	02/19/16 16:39	108-60-1	
2-Chloronaphthalene	**<0.062**	mg/kg	0.40	0.062	1	02/17/16 06:51	02/19/16 16:39	91-58-7	
2-Chlorophenol	**<0.093**	mg/kg	0.40	0.093	1	02/17/16 06:51	02/19/16 16:39	95-57-8	
4-Chlorophenylphenyl ether	**<0.046**	mg/kg	0.40	0.046	1	02/17/16 06:51	02/19/16 16:39	7005-72-3	
Chrysene	**<0.053**	mg/kg	0.40	0.053	1	02/17/16 06:51	02/19/16 16:39	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	132-64-9	
1,2-Dichlorobenzene	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 16:39	95-50-1	
1,3-Dichlorobenzene	**<0.025**	mg/kg	0.40	0.025	1	02/17/16 06:51	02/19/16 16:39	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.40	0.026	1	02/17/16 06:51	02/19/16 16:39	106-46-7	
3,3'-Dichlorobenzidine	**<0.055**	mg/kg	0.40	0.055	1	02/17/16 06:51	02/19/16 16:39	91-94-1	
2,4-Dichlorophenol	**<0.075**	mg/kg	0.40	0.075	1	02/17/16 06:51	02/19/16 16:39	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	84-66-2	
2,4-Dimethylphenol	**<0.074**	mg/kg	0.40	0.074	1	02/17/16 06:51	02/19/16 16:39	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	131-11-3	
Di-n-butylphthalate	**<0.055**	mg/kg	0.40	0.055	1	02/17/16 06:51	02/19/16 16:39	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.079**	mg/kg	2.0	0.079	1	02/17/16 06:51	02/19/16 16:39	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	51-28-5	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (1-5) **Lab ID: 10338253015** Collected: 02/10/16 09:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	121-14-2	
2,6-Dinitrotoluene	**<0.034**	mg/kg	0.40	0.034	1	02/17/16 06:51	02/19/16 16:39	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.068**	mg/kg	0.40	0.068	1	02/17/16 06:51	02/19/16 16:39	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	206-44-0	
Fluorene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	86-73-7	
Hexachloro-1,3-butadiene	**<0.033**	mg/kg	0.40	0.033	1	02/17/16 06:51	02/19/16 16:39	87-68-3	
Hexachlorobenzene	**<0.052**	mg/kg	0.40	0.052	1	02/17/16 06:51	02/19/16 16:39	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.40	0.025	1	02/17/16 06:51	02/19/16 16:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	193-39-5	
Isophorone	**<0.063**	mg/kg	0.40	0.063	1	02/17/16 06:51	02/19/16 16:39	78-59-1	
1-Methylnaphthalene	**<0.068**	mg/kg	0.40	0.068	1	02/17/16 06:51	02/19/16 16:39	90-12-0	
2-Methylnaphthalene	**<0.071**	mg/kg	0.40	0.071	1	02/17/16 06:51	02/19/16 16:39	91-57-6	
2-Methylphenol(o-Cresol)	**<0.086**	mg/kg	0.40	0.086	1	02/17/16 06:51	02/19/16 16:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.079**	mg/kg	0.79	0.079	1	02/17/16 06:51	02/19/16 16:39		
Naphthalene	**<0.074**	mg/kg	0.40	0.074	1	02/17/16 06:51	02/19/16 16:39	91-20-3	
2-Nitroaniline	**<0.043**	mg/kg	0.40	0.043	1	02/17/16 06:51	02/19/16 16:39	88-74-4	
3-Nitroaniline	**<0.041**	mg/kg	0.40	0.041	1	02/17/16 06:51	02/19/16 16:39	99-09-2	
4-Nitroaniline	**<0.035**	mg/kg	0.40	0.035	1	02/17/16 06:51	02/19/16 16:39	100-01-6	
Nitrobenzene	**<0.080**	mg/kg	0.40	0.080	1	02/17/16 06:51	02/19/16 16:39	98-95-3	
2-Nitrophenol	**<0.068**	mg/kg	0.40	0.068	1	02/17/16 06:51	02/19/16 16:39	88-75-5	
4-Nitrophenol	**<0.042**	mg/kg	0.40	0.042	1	02/17/16 06:51	02/19/16 16:39	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	62-75-9	
N-Nitroso-di-n-propylamine	**<0.054**	mg/kg	0.40	0.054	1	02/17/16 06:51	02/19/16 16:39	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.40	0.20	1	02/17/16 06:51	02/19/16 16:39	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.81	0.20	1	02/17/16 06:51	02/19/16 16:39	87-86-5	
Phenanthrene	**<0.057**	mg/kg	0.40	0.057	1	02/17/16 06:51	02/19/16 16:39	85-01-8	
Phenol	**<0.087**	mg/kg	0.40	0.087	1	02/17/16 06:51	02/19/16 16:39	108-95-2	
Pyrene	**<0.050**	mg/kg	0.40	0.050	1	02/17/16 06:51	02/19/16 16:39	129-00-0	
1,2,4-Trichlorobenzene	**<0.065**	mg/kg	0.40	0.065	1	02/17/16 06:51	02/19/16 16:39	120-82-1	
2,4,5-Trichlorophenol	**<0.047**	mg/kg	0.40	0.047	1	02/17/16 06:51	02/19/16 16:39	95-95-4	
2,4,6-Trichlorophenol	**<0.051**	mg/kg	0.40	0.051	1	02/17/16 06:51	02/19/16 16:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%.	30-125		1	02/17/16 06:51	02/19/16 16:39	4165-60-0	
2-Fluorobiphenyl (S)	74	%.	30-130		1	02/17/16 06:51	02/19/16 16:39	321-60-8	
p-Terphenyl-d14 (S)	90	%.	30-148		1	02/17/16 06:51	02/19/16 16:39	1718-51-0	
Phenol-d6 (S)	69	%.	30-125		1	02/17/16 06:51	02/19/16 16:39	13127-88-3	
2-Fluorophenol (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 16:39	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	30-141		1	02/17/16 06:51	02/19/16 16:39	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.27**	mg/kg	1.2	0.27	1	02/12/16 13:53	02/15/16 18:02	67-64-1	
Allyl chloride	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 18:02	107-05-1	
Benzene	**<0.0084**	mg/kg	0.024	0.0084	1	02/12/16 13:53	02/15/16 18:02	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (1-5) **Lab ID: 10338253015** Collected: 02/10/16 09:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 18:02	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	75-27-4	
Bromoform	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 18:02	75-25-2	
Bromomethane	**<0.11**	mg/kg	0.60	0.11	1	02/12/16 13:53	02/15/16 18:02	74-83-9	
2-Butanone (MEK)	**<0.10**	mg/kg	0.30	0.10	1	02/12/16 13:53	02/15/16 18:02	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.24	0.011	1	02/12/16 13:53	02/15/16 18:02	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 18:02	98-06-6	
Carbon tetrachloride	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 18:02	56-23-5	
Chlorobenzene	**<0.0097**	mg/kg	0.060	0.0097	1	02/12/16 13:53	02/15/16 18:02	108-90-7	
Chloroethane	**<0.029**	mg/kg	0.60	0.029	1	02/12/16 13:53	02/15/16 18:02	75-00-3	
Chloroform	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 18:02	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.24	0.012	1	02/12/16 13:53	02/15/16 18:02	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.046**	mg/kg	0.60	0.046	1	02/12/16 13:53	02/15/16 18:02	96-12-8	
Dibromochloromethane	**<0.0093**	mg/kg	0.24	0.0093	1	02/12/16 13:53	02/15/16 18:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0096**	mg/kg	0.060	0.0096	1	02/12/16 13:53	02/15/16 18:02	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 18:02	74-95-3	
1,2-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 18:02	95-50-1	
1,3-Dichlorobenzene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 18:02	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 18:02	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 18:02	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 18:02	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.060	0.014	1	02/12/16 13:53	02/15/16 18:02	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.060	0.021	1	02/12/16 13:53	02/15/16 18:02	156-59-2	
trans-1,2-Dichloroethene	**<0.0098**	mg/kg	0.060	0.0098	1	02/12/16 13:53	02/15/16 18:02	156-60-5	
Dichlorofluoromethane	**<0.056**	mg/kg	0.60	0.056	1	02/12/16 13:53	02/15/16 18:02	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	78-87-5	
1,3-Dichloropropane	**<0.0094**	mg/kg	0.060	0.0094	1	02/12/16 13:53	02/15/16 18:02	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.24	0.024	1	02/12/16 13:53	02/15/16 18:02	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	563-58-6	
cis-1,3-Dichloropropene	**<0.0062**	mg/kg	0.060	0.0062	1	02/12/16 13:53	02/15/16 18:02	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 18:02	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.020**	mg/kg	0.24	0.020	1	02/12/16 13:53	02/15/16 18:02	60-29-7	
Ethylbenzene	**<0.0090**	mg/kg	0.060	0.0090	1	02/12/16 13:53	02/15/16 18:02	100-41-4	
Hexachloro-1,3-butadiene	**<0.026**	mg/kg	0.30	0.026	1	02/12/16 13:53	02/15/16 18:02	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	98-82-8	
p-Isopropyltoluene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 18:02	99-87-6	
Methylene Chloride	**0.023J**	mg/kg	0.24	0.018	1	02/12/16 13:53	02/15/16 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.076**	mg/kg	0.30	0.076	1	02/12/16 13:53	02/15/16 18:02	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	1634-04-4	
Naphthalene	**<0.086**	mg/kg	0.24	0.086	1	02/12/16 13:53	02/15/16 18:02	91-20-3	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (1-5) **Lab ID: 10338253015** Collected: 02/10/16 09:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.060	0.013	1	02/12/16 13:53	02/15/16 18:02	103-65-1	
Styrene	**<0.0095**	mg/kg	0.060	0.0095	1	02/12/16 13:53	02/15/16 18:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	127-18-4	
Tetrahydrofuran	**<0.095**	mg/kg	2.4	0.095	1	02/12/16 13:53	02/15/16 18:02	109-99-9	
Toluene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.060	0.023	1	02/12/16 13:53	02/15/16 18:02	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.060	0.011	1	02/12/16 13:53	02/15/16 18:02	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.060	0.016	1	02/12/16 13:53	02/15/16 18:02	79-00-5	
Trichloroethene	**<0.015**	mg/kg	0.060	0.015	1	02/12/16 13:53	02/15/16 18:02	79-01-6	
Trichlorofluoromethane	**<0.042**	mg/kg	0.60	0.042	1	02/12/16 13:53	02/15/16 18:02	75-69-4	
1,2,3-Trichloropropane	**<0.017**	mg/kg	0.24	0.017	1	02/12/16 13:53	02/15/16 18:02	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 18:02	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.012**	mg/kg	0.060	0.012	1	02/12/16 13:53	02/15/16 18:02	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.024	0.011	1	02/12/16 13:53	02/15/16 18:02	75-01-4	
Xylene (Total)	**<0.036**	mg/kg	0.18	0.036	1	02/12/16 13:53	02/15/16 18:02	1330-20-7	
m&p-Xylene	**<0.026**	mg/kg	0.12	0.026	1	02/12/16 13:53	02/15/16 18:02	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.060	0.010	1	02/12/16 13:53	02/15/16 18:02	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	123	%.	75-129		1	02/12/16 13:53	02/15/16 18:02	17060-07-0	2M
Toluene-d8 (S)	100	%.	75-125		1	02/12/16 13:53	02/15/16 18:02	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1	02/12/16 13:53	02/15/16 18:02	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**16.9**	%	0.10	0.10	1		02/12/16 13:00		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**2.7J**	mg/kg	12.0	2.3	1	02/16/16 08:02	02/19/16 03:50		N2
Surrogates									
1-Chloro-octadecane (S)	80	%.	40-140		1	02/16/16 08:02	02/19/16 03:50	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.021**	mg/kg	0.053	0.021	1	02/11/16 14:47	02/17/16 00:24	1634-04-4	N2
Benzene	**<0.0030**	mg/kg	0.026	0.0030	1	02/11/16 14:47	02/17/16 00:24	71-43-2	N2
Toluene	**<0.0046**	mg/kg	0.053	0.0046	1	02/11/16 14:47	02/17/16 00:24	108-88-3	N2
Ethylbenzene	**<0.0039**	mg/kg	0.053	0.0039	1	02/11/16 14:47	02/17/16 00:24	100-41-4	N2
m&p-Xylene	**<0.027**	mg/kg	0.11	0.027	1	02/11/16 14:47	02/17/16 00:24	179601-23-1	N2
o-Xylene	**<0.0064**	mg/kg	0.11	0.0064	1	02/11/16 14:47	02/17/16 00:24	95-47-6	N2
Xylene (Total)	**<0.034**	mg/kg	0.21	0.034	1	02/11/16 14:47	02/17/16 00:24	1330-20-7	N2
Naphthalene	**<0.020**	mg/kg	0.63	0.020	1	02/11/16 14:47	02/17/16 00:24	91-20-3	N2
Aromatic (C09-C10)	**<0.0053**	mg/kg	1.1	0.0053	1	02/11/16 14:47	02/17/16 00:24		N2
Aliphatic (C05-C08),Unadjusted	**<0.30**	mg/kg	5.3	0.30	1	02/11/16 14:47	02/17/16 00:24		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (1-5) **Lab ID: 10338253015** Collected: 02/10/16 09:40 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.89**	mg/kg	5.3	0.89	1	02/11/16 14:47	02/17/16 00:24		N2
Total Purgeable Hydro Carbons	**<0.39**	mg/kg	10.5	0.39	1	02/11/16 14:47	02/17/16 00:24		N2
Aliphatic, Adjusted(C05-C08)	**<0.30**	mg/kg	5.3	0.30	1	02/11/16 14:47	02/17/16 00:24		N2
Aliphatic, Adjusted(C09-C12)	**<0.89**	mg/kg	5.3	0.89	1	02/11/16 14:47	02/17/16 00:24		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	87	%.	70-130		1	02/11/16 14:47	02/17/16 00:24	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (7-9) **Lab ID: 10338253016** Collected: 02/10/16 09:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.7**	mg/kg	1.1	0.27	1	02/15/16 15:53	02/16/16 15:23	7440-38-2	
Barium	**82.7**	mg/kg	0.56	0.056	1	02/15/16 15:53	02/16/16 15:23	7440-39-3	
Cadmium	**<0.042**	mg/kg	0.17	0.042	1	02/15/16 15:53	02/16/16 15:23	7440-43-9	
Chromium	**18.9**	mg/kg	0.56	0.083	1	02/15/16 15:53	02/16/16 15:23	7440-47-3	
Lead	**5.1**	mg/kg	0.56	0.13	1	02/15/16 15:53	02/16/16 15:23	7439-92-1	
Selenium	**<0.45**	mg/kg	1.1	0.45	1	02/15/16 15:53	02/16/16 15:23	7782-49-2	
Silver	**<0.13**	mg/kg	0.56	0.13	1	02/15/16 15:53	02/16/16 15:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.0087J**	mg/kg	0.022	0.0076	1	02/14/16 19:44	02/14/16 22:22	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.049**	mg/kg	0.42	0.049	1	02/17/16 06:51	02/19/16 17:07	83-32-9	
Acenaphthylene	**<0.055**	mg/kg	0.42	0.055	1	02/17/16 06:51	02/19/16 17:07	208-96-8	
Anthracene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	120-12-7	
Benzo(a)anthracene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	56-55-3	
Benzo(a)pyrene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	50-32-8	
Benzo(b)fluoranthene	**<0.053**	mg/kg	0.42	0.053	1	02/17/16 06:51	02/19/16 17:07	205-99-2	
Benzo(g,h,i)perylene	**<0.051**	mg/kg	0.42	0.051	1	02/17/16 06:51	02/19/16 17:07	191-24-2	
Benzo(k)fluoranthene	**<0.054**	mg/kg	0.42	0.054	1	02/17/16 06:51	02/19/16 17:07	207-08-9	
4-Bromophenylphenyl ether	**<0.045**	mg/kg	0.42	0.045	1	02/17/16 06:51	02/19/16 17:07	101-55-3	
Butylbenzylphthalate	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	85-68-7	
Carbazole	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	86-74-8	
4-Chloro-3-methylphenol	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	59-50-7	
4-Chloroaniline	**<0.064**	mg/kg	0.42	0.064	1	02/17/16 06:51	02/19/16 17:07	106-47-8	
bis(2-Chloroethoxy)methane	**<0.082**	mg/kg	0.42	0.082	1	02/17/16 06:51	02/19/16 17:07	111-91-1	
bis(2-Chloroethyl) ether	**<0.029**	mg/kg	0.42	0.029	1	02/17/16 06:51	02/19/16 17:07	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.097**	mg/kg	0.42	0.097	1	02/17/16 06:51	02/19/16 17:07	108-60-1	
2-Chloronaphthalene	**<0.066**	mg/kg	0.42	0.066	1	02/17/16 06:51	02/19/16 17:07	91-58-7	
2-Chlorophenol	**<0.098**	mg/kg	0.42	0.098	1	02/17/16 06:51	02/19/16 17:07	95-57-8	
4-Chlorophenylphenyl ether	**<0.048**	mg/kg	0.42	0.048	1	02/17/16 06:51	02/19/16 17:07	7005-72-3	
Chrysene	**<0.056**	mg/kg	0.42	0.056	1	02/17/16 06:51	02/19/16 17:07	218-01-9	
Dibenz(a,h)anthracene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	53-70-3	
Dibenzofuran	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	132-64-9	
1,2-Dichlorobenzene	**<0.027**	mg/kg	0.42	0.027	1	02/17/16 06:51	02/19/16 17:07	95-50-1	
1,3-Dichlorobenzene	**<0.027**	mg/kg	0.42	0.027	1	02/17/16 06:51	02/19/16 17:07	541-73-1	
1,4-Dichlorobenzene	**<0.028**	mg/kg	0.42	0.028	1	02/17/16 06:51	02/19/16 17:07	106-46-7	
3,3'-Dichlorobenzidine	**<0.059**	mg/kg	0.42	0.059	1	02/17/16 06:51	02/19/16 17:07	91-94-1	
2,4-Dichlorophenol	**<0.079**	mg/kg	0.42	0.079	1	02/17/16 06:51	02/19/16 17:07	120-83-2	
Diethylphthalate	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	84-66-2	
2,4-Dimethylphenol	**<0.079**	mg/kg	0.42	0.079	1	02/17/16 06:51	02/19/16 17:07	105-67-9	
Dimethylphthalate	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	131-11-3	
Di-n-butylphthalate	**<0.058**	mg/kg	0.42	0.058	1	02/17/16 06:51	02/19/16 17:07	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.084**	mg/kg	2.2	0.084	1	02/17/16 06:51	02/19/16 17:07	534-52-1	
2,4-Dinitrophenol	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	51-28-5	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (7-9) **Lab ID: 10338253016** Collected: 02/10/16 09:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	121-14-2	
2,6-Dinitrotoluene	**<0.036**	mg/kg	0.42	0.036	1	02/17/16 06:51	02/19/16 17:07	606-20-2	
Di-n-octylphthalate	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	117-84-0	
1,2-Diphenylhydrazine	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.072**	mg/kg	0.42	0.072	1	02/17/16 06:51	02/19/16 17:07	117-81-7	
Fluoranthene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	206-44-0	
Fluorene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	86-73-7	
Hexachloro-1,3-butadiene	**<0.035**	mg/kg	0.42	0.035	1	02/17/16 06:51	02/19/16 17:07	87-68-3	
Hexachlorobenzene	**<0.055**	mg/kg	0.42	0.055	1	02/17/16 06:51	02/19/16 17:07	118-74-1	
Hexachloroethane	**<0.027**	mg/kg	0.42	0.027	1	02/17/16 06:51	02/19/16 17:07	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	193-39-5	
Isophorone	**<0.067**	mg/kg	0.42	0.067	1	02/17/16 06:51	02/19/16 17:07	78-59-1	
1-Methylnaphthalene	**<0.073**	mg/kg	0.42	0.073	1	02/17/16 06:51	02/19/16 17:07	90-12-0	
2-Methylnaphthalene	**<0.075**	mg/kg	0.42	0.075	1	02/17/16 06:51	02/19/16 17:07	91-57-6	
2-Methylphenol(o-Cresol)	**<0.091**	mg/kg	0.42	0.091	1	02/17/16 06:51	02/19/16 17:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.084**	mg/kg	0.84	0.084	1	02/17/16 06:51	02/19/16 17:07		
Naphthalene	**<0.079**	mg/kg	0.42	0.079	1	02/17/16 06:51	02/19/16 17:07	91-20-3	
2-Nitroaniline	**<0.046**	mg/kg	0.42	0.046	1	02/17/16 06:51	02/19/16 17:07	88-74-4	
3-Nitroaniline	**<0.043**	mg/kg	0.42	0.043	1	02/17/16 06:51	02/19/16 17:07	99-09-2	
4-Nitroaniline	**<0.037**	mg/kg	0.42	0.037	1	02/17/16 06:51	02/19/16 17:07	100-01-6	
Nitrobenzene	**<0.085**	mg/kg	0.42	0.085	1	02/17/16 06:51	02/19/16 17:07	98-95-3	
2-Nitrophenol	**<0.072**	mg/kg	0.42	0.072	1	02/17/16 06:51	02/19/16 17:07	88-75-5	
4-Nitrophenol	**<0.044**	mg/kg	0.42	0.044	1	02/17/16 06:51	02/19/16 17:07	100-02-7	
N-Nitrosodimethylamine	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	62-75-9	
N-Nitroso-di-n-propylamine	**<0.057**	mg/kg	0.42	0.057	1	02/17/16 06:51	02/19/16 17:07	621-64-7	
N-Nitrosodiphenylamine	**<0.21**	mg/kg	0.42	0.21	1	02/17/16 06:51	02/19/16 17:07	86-30-6	
Pentachlorophenol	**<0.21**	mg/kg	0.85	0.21	1	02/17/16 06:51	02/19/16 17:07	87-86-5	
Phenanthrene	**<0.060**	mg/kg	0.42	0.060	1	02/17/16 06:51	02/19/16 17:07	85-01-8	
Phenol	**<0.092**	mg/kg	0.42	0.092	1	02/17/16 06:51	02/19/16 17:07	108-95-2	
Pyrene	**<0.053**	mg/kg	0.42	0.053	1	02/17/16 06:51	02/19/16 17:07	129-00-0	
1,2,4-Trichlorobenzene	**<0.069**	mg/kg	0.42	0.069	1	02/17/16 06:51	02/19/16 17:07	120-82-1	
2,4,5-Trichlorophenol	**<0.050**	mg/kg	0.42	0.050	1	02/17/16 06:51	02/19/16 17:07	95-95-4	
2,4,6-Trichlorophenol	**<0.054**	mg/kg	0.42	0.054	1	02/17/16 06:51	02/19/16 17:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%.	30-125		1	02/17/16 06:51	02/19/16 17:07	4165-60-0	
2-Fluorobiphenyl (S)	67	%.	30-130		1	02/17/16 06:51	02/19/16 17:07	321-60-8	
p-Terphenyl-d14 (S)	91	%.	30-148		1	02/17/16 06:51	02/19/16 17:07	1718-51-0	
Phenol-d6 (S)	66	%.	30-125		1	02/17/16 06:51	02/19/16 17:07	13127-88-3	
2-Fluorophenol (S)	64	%.	30-125		1	02/17/16 06:51	02/19/16 17:07	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	30-141		1	02/17/16 06:51	02/19/16 17:07	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.28**	mg/kg	1.2	0.28	1	02/12/16 13:53	02/15/16 18:18	67-64-1	
Allyl chloride	**<0.015**	mg/kg	0.25	0.015	1	02/12/16 13:53	02/15/16 18:18	107-05-1	
Benzene	**<0.0087**	mg/kg	0.025	0.0087	1	02/12/16 13:53	02/15/16 18:18	71-43-2	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (7-9) **Lab ID: 10338253016** Collected: 02/10/16 09:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.015**	mg/kg	0.062	0.015	1	02/12/16 13:53	02/15/16 18:18	108-86-1	
Bromochloromethane	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.062	0.011	1	02/12/16 13:53	02/15/16 18:18	75-27-4	
Bromoform	**<0.015**	mg/kg	0.25	0.015	1	02/12/16 13:53	02/15/16 18:18	75-25-2	
Bromomethane	**<0.11**	mg/kg	0.62	0.11	1	02/12/16 13:53	02/15/16 18:18	74-83-9	
2-Butanone (MEK)	**<0.10**	mg/kg	0.31	0.10	1	02/12/16 13:53	02/15/16 18:18	78-93-3	
n-Butylbenzene	**<0.012**	mg/kg	0.25	0.012	1	02/12/16 13:53	02/15/16 18:18	104-51-8	
sec-Butylbenzene	**<0.013**	mg/kg	0.062	0.013	1	02/12/16 13:53	02/15/16 18:18	135-98-8	
tert-Butylbenzene	**<0.017**	mg/kg	0.062	0.017	1	02/12/16 13:53	02/15/16 18:18	98-06-6	
Carbon tetrachloride	**<0.015**	mg/kg	0.062	0.015	1	02/12/16 13:53	02/15/16 18:18	56-23-5	
Chlorobenzene	**<0.010**	mg/kg	0.062	0.010	1	02/12/16 13:53	02/15/16 18:18	108-90-7	
Chloroethane	**<0.030**	mg/kg	0.62	0.030	1	02/12/16 13:53	02/15/16 18:18	75-00-3	
Chloroform	**<0.010**	mg/kg	0.062	0.010	1	02/12/16 13:53	02/15/16 18:18	67-66-3	
Chloromethane	**<0.013**	mg/kg	0.25	0.013	1	02/12/16 13:53	02/15/16 18:18	74-87-3	
2-Chlorotoluene	**<0.013**	mg/kg	0.062	0.013	1	02/12/16 13:53	02/15/16 18:18	95-49-8	
4-Chlorotoluene	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.048**	mg/kg	0.62	0.048	1	02/12/16 13:53	02/15/16 18:18	96-12-8	
Dibromochloromethane	**<0.0096**	mg/kg	0.25	0.0096	1	02/12/16 13:53	02/15/16 18:18	124-48-1	
1,2-Dibromoethane (EDB)	**<0.010**	mg/kg	0.062	0.010	1	02/12/16 13:53	02/15/16 18:18	106-93-4	
Dibromomethane	**<0.015**	mg/kg	0.062	0.015	1	02/12/16 13:53	02/15/16 18:18	74-95-3	
1,2-Dichlorobenzene	**<0.015**	mg/kg	0.062	0.015	1	02/12/16 13:53	02/15/16 18:18	95-50-1	
1,3-Dichlorobenzene	**<0.015**	mg/kg	0.062	0.015	1	02/12/16 13:53	02/15/16 18:18	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.062	0.013	1	02/12/16 13:53	02/15/16 18:18	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.25	0.015	1	02/12/16 13:53	02/15/16 18:18	75-71-8	
1,1-Dichloroethane	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	75-34-3	
1,2-Dichloroethane	**<0.014**	mg/kg	0.062	0.014	1	02/12/16 13:53	02/15/16 18:18	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.062	0.014	1	02/12/16 13:53	02/15/16 18:18	75-35-4	
cis-1,2-Dichloroethene	**<0.022**	mg/kg	0.062	0.022	1	02/12/16 13:53	02/15/16 18:18	156-59-2	
trans-1,2-Dichloroethene	**<0.010**	mg/kg	0.062	0.010	1	02/12/16 13:53	02/15/16 18:18	156-60-5	
Dichlorofluoromethane	**<0.058**	mg/kg	0.62	0.058	1	02/12/16 13:53	02/15/16 18:18	75-43-4	
1,2-Dichloropropane	**<0.013**	mg/kg	0.062	0.013	1	02/12/16 13:53	02/15/16 18:18	78-87-5	
1,3-Dichloropropane	**<0.0097**	mg/kg	0.062	0.0097	1	02/12/16 13:53	02/15/16 18:18	142-28-9	
2,2-Dichloropropane	**<0.025**	mg/kg	0.25	0.025	1	02/12/16 13:53	02/15/16 18:18	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	563-58-6	
cis-1,3-Dichloropropene	**<0.0064**	mg/kg	0.062	0.0064	1	02/12/16 13:53	02/15/16 18:18	10061-01-5	
trans-1,3-Dichloropropene	**<0.024**	mg/kg	0.062	0.024	1	02/12/16 13:53	02/15/16 18:18	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.020**	mg/kg	0.25	0.020	1	02/12/16 13:53	02/15/16 18:18	60-29-7	
Ethylbenzene	**<0.0093**	mg/kg	0.062	0.0093	1	02/12/16 13:53	02/15/16 18:18	100-41-4	
Hexachloro-1,3-butadiene	**<0.026**	mg/kg	0.31	0.026	1	02/12/16 13:53	02/15/16 18:18	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.062	0.011	1	02/12/16 13:53	02/15/16 18:18	98-82-8	
p-Isopropyltoluene	**<0.011**	mg/kg	0.062	0.011	1	02/12/16 13:53	02/15/16 18:18	99-87-6	
Methylene Chloride	**0.021J**	mg/kg	0.25	0.018	1	02/12/16 13:53	02/15/16 18:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.079**	mg/kg	0.31	0.079	1	02/12/16 13:53	02/15/16 18:18	108-10-1	
Methyl-tert-butyl ether	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	1634-04-4	
Naphthalene	**<0.089**	mg/kg	0.25	0.089	1	02/12/16 13:53	02/15/16 18:18	91-20-3	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (7-9) **Lab ID: 10338253016** Collected: 02/10/16 09:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.062	0.013	1	02/12/16 13:53	02/15/16 18:18	103-65-1	
Styrene	**<0.0098**	mg/kg	0.062	0.0098	1	02/12/16 13:53	02/15/16 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	79-34-5	
Tetrachloroethene	**<0.013**	mg/kg	0.062	0.013	1	02/12/16 13:53	02/15/16 18:18	127-18-4	
Tetrahydrofuran	**<0.098**	mg/kg	2.5	0.098	1	02/12/16 13:53	02/15/16 18:18	109-99-9	
Toluene	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	108-88-3	
1,2,3-Trichlorobenzene	**<0.024**	mg/kg	0.062	0.024	1	02/12/16 13:53	02/15/16 18:18	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.062	0.011	1	02/12/16 13:53	02/15/16 18:18	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	71-55-6	
1,1,2-Trichloroethane	**<0.017**	mg/kg	0.062	0.017	1	02/12/16 13:53	02/15/16 18:18	79-00-5	
Trichloroethene	**<0.015**	mg/kg	0.062	0.015	1	02/12/16 13:53	02/15/16 18:18	79-01-6	
Trichlorofluoromethane	**<0.043**	mg/kg	0.62	0.043	1	02/12/16 13:53	02/15/16 18:18	75-69-4	
1,2,3-Trichloropropane	**<0.017**	mg/kg	0.25	0.017	1	02/12/16 13:53	02/15/16 18:18	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.015**	mg/kg	0.25	0.015	1	02/12/16 13:53	02/15/16 18:18	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.012**	mg/kg	0.062	0.012	1	02/12/16 13:53	02/15/16 18:18	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.025	0.011	1	02/12/16 13:53	02/15/16 18:18	75-01-4	
Xylene (Total)	**<0.037**	mg/kg	0.19	0.037	1	02/12/16 13:53	02/15/16 18:18	1330-20-7	
m&p-Xylene	**<0.027**	mg/kg	0.12	0.027	1	02/12/16 13:53	02/15/16 18:18	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.062	0.010	1	02/12/16 13:53	02/15/16 18:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	129	%.	75-129		1	02/12/16 13:53	02/15/16 18:18	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1	02/12/16 13:53	02/15/16 18:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1	02/12/16 13:53	02/15/16 18:18	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**21.5**	%	0.10	0.10	1		02/12/16 13:01		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.5**	mg/kg	12.7	2.5	1	02/17/16 10:55	02/19/16 13:48		N2
Surrogates									
1-Chloro-octadecane (S)	79	%.	40-140		1	02/17/16 10:55	02/19/16 13:48	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.022**	mg/kg	0.055	0.022	1	02/11/16 14:47	02/17/16 00:51	1634-04-4	N2
Benzene	**<0.0031**	mg/kg	0.027	0.0031	1	02/11/16 14:47	02/17/16 00:51	71-43-2	N2
Toluene	**<0.0048**	mg/kg	0.055	0.0048	1	02/11/16 14:47	02/17/16 00:51	108-88-3	N2
Ethylbenzene	**<0.0040**	mg/kg	0.055	0.0040	1	02/11/16 14:47	02/17/16 00:51	100-41-4	N2
m&p-Xylene	**<0.028**	mg/kg	0.11	0.028	1	02/11/16 14:47	02/17/16 00:51	179601-23-1	N2
o-Xylene	**<0.0067**	mg/kg	0.11	0.0067	1	02/11/16 14:47	02/17/16 00:51	95-47-6	N2
Xylene (Total)	**<0.035**	mg/kg	0.22	0.035	1	02/11/16 14:47	02/17/16 00:51	1330-20-7	N2
Naphthalene	**<0.021**	mg/kg	0.66	0.021	1	02/11/16 14:47	02/17/16 00:51	91-20-3	N2
Aromatic (C09-C10)	**<0.0055**	mg/kg	1.1	0.0055	1	02/11/16 14:47	02/17/16 00:51		N2
Aliphatic (C05-C08),Unadjusted	**<0.31**	mg/kg	5.5	0.31	1	02/11/16 14:47	02/17/16 00:51		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-8 (7-9) **Lab ID: 10338253016** Collected: 02/10/16 09:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.92**	mg/kg	5.5	0.92	1	02/11/16 14:47	02/17/16 00:51		N2
Total Purgeable Hydro Carbons	**<0.40**	mg/kg	10.9	0.40	1	02/11/16 14:47	02/17/16 00:51		N2
Aliphatic, Adjusted(C05-C08)	**<0.31**	mg/kg	5.5	0.31	1	02/11/16 14:47	02/17/16 00:51		N2
Aliphatic, Adjusted(C09-C12)	**<0.92**	mg/kg	5.5	0.92	1	02/11/16 14:47	02/17/16 00:51		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	85	%.	70-130		1	02/11/16 14:47	02/17/16 00:51	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (2-5) **Lab ID: 10338253017** Collected: 02/09/16 15:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**9.9**	mg/kg	0.97	0.23	1	02/15/16 15:53	02/16/16 15:32	7440-38-2	
Barium	**150**	mg/kg	0.48	0.048	1	02/15/16 15:53	02/16/16 15:32	7440-39-3	
Cadmium	**0.093J**	mg/kg	0.15	0.037	1	02/15/16 15:53	02/16/16 15:32	7440-43-9	
Chromium	**19.1**	mg/kg	0.48	0.072	1	02/15/16 15:53	02/16/16 15:32	7440-47-3	
Lead	**7.8**	mg/kg	0.48	0.12	1	02/15/16 15:53	02/16/16 15:32	7439-92-1	
Selenium	**<0.39**	mg/kg	0.97	0.39	1	02/15/16 15:53	02/16/16 15:32	7782-49-2	
Silver	**<0.11**	mg/kg	0.48	0.11	1	02/15/16 15:53	02/16/16 15:32	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.031**	mg/kg	0.021	0.0072	1	02/14/16 19:44	02/14/16 22:24	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.046**	mg/kg	0.39	0.046	1	02/17/16 06:51	02/19/16 17:35	83-32-9	
Acenaphthylene	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 17:35	208-96-8	
Anthracene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	120-12-7	
Benzo(a)anthracene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	56-55-3	
Benzo(a)pyrene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	50-32-8	
Benzo(b)fluoranthene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 17:35	205-99-2	
Benzo(g,h,i)perylene	**<0.048**	mg/kg	0.39	0.048	1	02/17/16 06:51	02/19/16 17:35	191-24-2	
Benzo(k)fluoranthene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 17:35	207-08-9	
4-Bromophenylphenyl ether	**<0.042**	mg/kg	0.39	0.042	1	02/17/16 06:51	02/19/16 17:35	101-55-3	
Butylbenzylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	85-68-7	
Carbazole	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	86-74-8	
4-Chloro-3-methylphenol	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	59-50-7	
4-Chloroaniline	**<0.061**	mg/kg	0.39	0.061	1	02/17/16 06:51	02/19/16 17:35	106-47-8	
bis(2-Chloroethoxy)methane	**<0.077**	mg/kg	0.39	0.077	1	02/17/16 06:51	02/19/16 17:35	111-91-1	
bis(2-Chloroethyl) ether	**<0.028**	mg/kg	0.39	0.028	1	02/17/16 06:51	02/19/16 17:35	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.091**	mg/kg	0.39	0.091	1	02/17/16 06:51	02/19/16 17:35	108-60-1	
2-Chloronaphthalene	**<0.062**	mg/kg	0.39	0.062	1	02/17/16 06:51	02/19/16 17:35	91-58-7	
2-Chlorophenol	**<0.092**	mg/kg	0.39	0.092	1	02/17/16 06:51	02/19/16 17:35	95-57-8	
4-Chlorophenylphenyl ether	**<0.045**	mg/kg	0.39	0.045	1	02/17/16 06:51	02/19/16 17:35	7005-72-3	
Chrysene	**<0.053**	mg/kg	0.39	0.053	1	02/17/16 06:51	02/19/16 17:35	218-01-9	
Dibenz(a,h)anthracene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	53-70-3	
Dibenzofuran	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	132-64-9	
1,2-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 17:35	95-50-1	
1,3-Dichlorobenzene	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 17:35	541-73-1	
1,4-Dichlorobenzene	**<0.026**	mg/kg	0.39	0.026	1	02/17/16 06:51	02/19/16 17:35	106-46-7	
3,3'-Dichlorobenzidine	**<0.055**	mg/kg	0.39	0.055	1	02/17/16 06:51	02/19/16 17:35	91-94-1	
2,4-Dichlorophenol	**<0.074**	mg/kg	0.39	0.074	1	02/17/16 06:51	02/19/16 17:35	120-83-2	
Diethylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	84-66-2	
2,4-Dimethylphenol	**<0.074**	mg/kg	0.39	0.074	1	02/17/16 06:51	02/19/16 17:35	105-67-9	
Dimethylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	131-11-3	
Di-n-butylphthalate	**<0.055**	mg/kg	0.39	0.055	1	02/17/16 06:51	02/19/16 17:35	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.078**	mg/kg	2.0	0.078	1	02/17/16 06:51	02/19/16 17:35	534-52-1	
2,4-Dinitrophenol	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	51-28-5	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (2-5) **Lab ID: 10338253017** Collected: 02/09/16 15:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	121-14-2	
2,6-Dinitrotoluene	**<0.034**	mg/kg	0.39	0.034	1	02/17/16 06:51	02/19/16 17:35	606-20-2	
Di-n-octylphthalate	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	117-84-0	
1,2-Diphenylhydrazine	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 17:35	117-81-7	
Fluoranthene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	206-44-0	
Fluorene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	86-73-7	
Hexachloro-1,3-butadiene	**<0.033**	mg/kg	0.39	0.033	1	02/17/16 06:51	02/19/16 17:35	87-68-3	
Hexachlorobenzene	**<0.052**	mg/kg	0.39	0.052	1	02/17/16 06:51	02/19/16 17:35	118-74-1	
Hexachloroethane	**<0.025**	mg/kg	0.39	0.025	1	02/17/16 06:51	02/19/16 17:35	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	193-39-5	
Isophorone	**<0.063**	mg/kg	0.39	0.063	1	02/17/16 06:51	02/19/16 17:35	78-59-1	
1-Methylnaphthalene	**<0.068**	mg/kg	0.39	0.068	1	02/17/16 06:51	02/19/16 17:35	90-12-0	
2-Methylnaphthalene	**<0.071**	mg/kg	0.39	0.071	1	02/17/16 06:51	02/19/16 17:35	91-57-6	
2-Methylphenol(o-Cresol)	**<0.085**	mg/kg	0.39	0.085	1	02/17/16 06:51	02/19/16 17:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.079**	mg/kg	0.79	0.079	1	02/17/16 06:51	02/19/16 17:35		
Naphthalene	**<0.074**	mg/kg	0.39	0.074	1	02/17/16 06:51	02/19/16 17:35	91-20-3	
2-Nitroaniline	**<0.043**	mg/kg	0.39	0.043	1	02/17/16 06:51	02/19/16 17:35	88-74-4	
3-Nitroaniline	**<0.040**	mg/kg	0.39	0.040	1	02/17/16 06:51	02/19/16 17:35	99-09-2	
4-Nitroaniline	**<0.035**	mg/kg	0.39	0.035	1	02/17/16 06:51	02/19/16 17:35	100-01-6	
Nitrobenzene	**<0.080**	mg/kg	0.39	0.080	1	02/17/16 06:51	02/19/16 17:35	98-95-3	
2-Nitrophenol	**<0.067**	mg/kg	0.39	0.067	1	02/17/16 06:51	02/19/16 17:35	88-75-5	
4-Nitrophenol	**<0.041**	mg/kg	0.39	0.041	1	02/17/16 06:51	02/19/16 17:35	100-02-7	
N-Nitrosodimethylamine	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	62-75-9	
N-Nitroso-di-n-propylamine	**<0.054**	mg/kg	0.39	0.054	1	02/17/16 06:51	02/19/16 17:35	621-64-7	
N-Nitrosodiphenylamine	**<0.20**	mg/kg	0.39	0.20	1	02/17/16 06:51	02/19/16 17:35	86-30-6	
Pentachlorophenol	**<0.20**	mg/kg	0.80	0.20	1	02/17/16 06:51	02/19/16 17:35	87-86-5	
Phenanthrene	**<0.056**	mg/kg	0.39	0.056	1	02/17/16 06:51	02/19/16 17:35	85-01-8	
Phenol	**<0.086**	mg/kg	0.39	0.086	1	02/17/16 06:51	02/19/16 17:35	108-95-2	
Pyrene	**<0.050**	mg/kg	0.39	0.050	1	02/17/16 06:51	02/19/16 17:35	129-00-0	
1,2,4-Trichlorobenzene	**<0.065**	mg/kg	0.39	0.065	1	02/17/16 06:51	02/19/16 17:35	120-82-1	
2,4,5-Trichlorophenol	**<0.047**	mg/kg	0.39	0.047	1	02/17/16 06:51	02/19/16 17:35	95-95-4	
2,4,6-Trichlorophenol	**<0.051**	mg/kg	0.39	0.051	1	02/17/16 06:51	02/19/16 17:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%.	30-125		1	02/17/16 06:51	02/19/16 17:35	4165-60-0	
2-Fluorobiphenyl (S)	72	%.	30-130		1	02/17/16 06:51	02/19/16 17:35	321-60-8	
p-Terphenyl-d14 (S)	85	%.	30-148		1	02/17/16 06:51	02/19/16 17:35	1718-51-0	
Phenol-d6 (S)	67	%.	30-125		1	02/17/16 06:51	02/19/16 17:35	13127-88-3	
2-Fluorophenol (S)	65	%.	30-125		1	02/17/16 06:51	02/19/16 17:35	367-12-4	
2,4,6-Tribromophenol (S)	67	%.	30-141		1	02/17/16 06:51	02/19/16 17:35	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.27**	mg/kg	1.2	0.27	1	02/12/16 13:53	02/15/16 18:34	67-64-1	
Allyl chloride	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 18:34	107-05-1	
Benzene	**<0.0083**	mg/kg	0.024	0.0083	1	02/12/16 13:53	02/15/16 18:34	71-43-2	

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Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (2-5) **Lab ID: 10338253017** Collected: 02/09/16 15:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	108-86-1	
Bromochloromethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	74-97-5	
Bromodichloromethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	75-27-4	
Bromoform	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 18:34	75-25-2	
Bromomethane	**<0.10**	mg/kg	0.59	0.10	1	02/12/16 13:53	02/15/16 18:34	74-83-9	
2-Butanone (MEK)	**<0.099**	mg/kg	0.30	0.099	1	02/12/16 13:53	02/15/16 18:34	78-93-3	
n-Butylbenzene	**<0.011**	mg/kg	0.24	0.011	1	02/12/16 13:53	02/15/16 18:34	104-51-8	
sec-Butylbenzene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	135-98-8	
tert-Butylbenzene	**<0.016**	mg/kg	0.059	0.016	1	02/12/16 13:53	02/15/16 18:34	98-06-6	
Carbon tetrachloride	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	56-23-5	
Chlorobenzene	**<0.0096**	mg/kg	0.059	0.0096	1	02/12/16 13:53	02/15/16 18:34	108-90-7	
Chloroethane	**<0.028**	mg/kg	0.59	0.028	1	02/12/16 13:53	02/15/16 18:34	75-00-3	
Chloroform	**<0.0099**	mg/kg	0.059	0.0099	1	02/12/16 13:53	02/15/16 18:34	67-66-3	
Chloromethane	**<0.012**	mg/kg	0.24	0.012	1	02/12/16 13:53	02/15/16 18:34	74-87-3	
2-Chlorotoluene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	95-49-8	
4-Chlorotoluene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.046**	mg/kg	0.59	0.046	1	02/12/16 13:53	02/15/16 18:34	96-12-8	
Dibromochloromethane	**<0.0092**	mg/kg	0.24	0.0092	1	02/12/16 13:53	02/15/16 18:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0096**	mg/kg	0.059	0.0096	1	02/12/16 13:53	02/15/16 18:34	106-93-4	
Dibromomethane	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	74-95-3	
1,2-Dichlorobenzene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	95-50-1	
1,3-Dichlorobenzene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	541-73-1	
1,4-Dichlorobenzene	**<0.013**	mg/kg	0.059	0.013	1	02/12/16 13:53	02/15/16 18:34	106-46-7	
Dichlorodifluoromethane	**<0.015**	mg/kg	0.24	0.015	1	02/12/16 13:53	02/15/16 18:34	75-71-8	
1,1-Dichloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	75-34-3	
1,2-Dichloroethane	**<0.013**	mg/kg	0.059	0.013	1	02/12/16 13:53	02/15/16 18:34	107-06-2	
1,1-Dichloroethene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	75-35-4	
cis-1,2-Dichloroethene	**<0.021**	mg/kg	0.059	0.021	1	02/12/16 13:53	02/15/16 18:34	156-59-2	
trans-1,2-Dichloroethene	**<0.0098**	mg/kg	0.059	0.0098	1	02/12/16 13:53	02/15/16 18:34	156-60-5	
Dichlorofluoromethane	**<0.056**	mg/kg	0.59	0.056	1	02/12/16 13:53	02/15/16 18:34	75-43-4	
1,2-Dichloropropane	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	78-87-5	
1,3-Dichloropropane	**<0.0093**	mg/kg	0.059	0.0093	1	02/12/16 13:53	02/15/16 18:34	142-28-9	
2,2-Dichloropropane	**<0.024**	mg/kg	0.24	0.024	1	02/12/16 13:53	02/15/16 18:34	594-20-7	
1,1-Dichloropropene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	563-58-6	
cis-1,3-Dichloropropene	**<0.0062**	mg/kg	0.059	0.0062	1	02/12/16 13:53	02/15/16 18:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.023**	mg/kg	0.059	0.023	1	02/12/16 13:53	02/15/16 18:34	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.019**	mg/kg	0.24	0.019	1	02/12/16 13:53	02/15/16 18:34	60-29-7	
Ethylbenzene	**<0.0089**	mg/kg	0.059	0.0089	1	02/12/16 13:53	02/15/16 18:34	100-41-4	
Hexachloro-1,3-butadiene	**<0.025**	mg/kg	0.30	0.025	1	02/12/16 13:53	02/15/16 18:34	87-68-3	
Isopropylbenzene (Cumene)	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	98-82-8	
p-Isopropyltoluene	**<0.010**	mg/kg	0.059	0.010	1	02/12/16 13:53	02/15/16 18:34	99-87-6	
Methylene Chloride	**0.026J**	mg/kg	0.24	0.018	1	02/12/16 13:53	02/15/16 18:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.076**	mg/kg	0.30	0.076	1	02/12/16 13:53	02/15/16 18:34	108-10-1	
Methyl-tert-butyl ether	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	1634-04-4	
Naphthalene	**<0.086**	mg/kg	0.24	0.086	1	02/12/16 13:53	02/15/16 18:34	91-20-3	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (2-5) **Lab ID: 10338253017** Collected: 02/09/16 15:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.013**	mg/kg	0.059	0.013	1	02/12/16 13:53	02/15/16 18:34	103-65-1	
Styrene	**<0.0094**	mg/kg	0.059	0.0094	1	02/12/16 13:53	02/15/16 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	79-34-5	
Tetrachloroethene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	127-18-4	
Tetrahydrofuran	**<0.094**	mg/kg	2.4	0.094	1	02/12/16 13:53	02/15/16 18:34	109-99-9	
Toluene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	108-88-3	
1,2,3-Trichlorobenzene	**<0.023**	mg/kg	0.059	0.023	1	02/12/16 13:53	02/15/16 18:34	87-61-6	
1,2,4-Trichlorobenzene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	120-82-1	
1,1,1-Trichloroethane	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	71-55-6	
1,1,2-Trichloroethane	**<0.016**	mg/kg	0.059	0.016	1	02/12/16 13:53	02/15/16 18:34	79-00-5	
Trichloroethene	**<0.014**	mg/kg	0.059	0.014	1	02/12/16 13:53	02/15/16 18:34	79-01-6	
Trichlorofluoromethane	**<0.041**	mg/kg	0.59	0.041	1	02/12/16 13:53	02/15/16 18:34	75-69-4	
1,2,3-Trichloropropane	**<0.016**	mg/kg	0.24	0.016	1	02/12/16 13:53	02/15/16 18:34	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.014**	mg/kg	0.24	0.014	1	02/12/16 13:53	02/15/16 18:34	76-13-1	
1,2,4-Trimethylbenzene	**<0.012**	mg/kg	0.059	0.012	1	02/12/16 13:53	02/15/16 18:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.011**	mg/kg	0.059	0.011	1	02/12/16 13:53	02/15/16 18:34	108-67-8	
Vinyl chloride	**<0.011**	mg/kg	0.024	0.011	1	02/12/16 13:53	02/15/16 18:34	75-01-4	
Xylene (Total)	**<0.036**	mg/kg	0.18	0.036	1	02/12/16 13:53	02/15/16 18:34	1330-20-7	
m&p-Xylene	**<0.025**	mg/kg	0.12	0.025	1	02/12/16 13:53	02/15/16 18:34	179601-23-1	
o-Xylene	**<0.010**	mg/kg	0.059	0.010	1	02/12/16 13:53	02/15/16 18:34	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	129	%.	75-129		1	02/12/16 13:53	02/15/16 18:34	17060-07-0	1M
Toluene-d8 (S)	98	%.	75-125		1	02/12/16 13:53	02/15/16 18:34	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1	02/12/16 13:53	02/15/16 18:34	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**16.7**	%	0.10	0.10	1		02/12/16 13:01		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.3**	mg/kg	12.0	2.3	1	02/16/16 08:02	02/19/16 04:23		N2
Surrogates									
1-Chloro-octadecane (S)	70	%.	40-140		1	02/16/16 08:02	02/19/16 04:23	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.021**	mg/kg	0.052	0.021	1	02/11/16 14:47	02/17/16 01:18	1634-04-4	N2
Benzene	**<0.0029**	mg/kg	0.026	0.0029	1	02/11/16 14:47	02/17/16 01:18	71-43-2	N2
Toluene	**<0.0046**	mg/kg	0.052	0.0046	1	02/11/16 14:47	02/17/16 01:18	108-88-3	N2
Ethylbenzene	**<0.0038**	mg/kg	0.052	0.0038	1	02/11/16 14:47	02/17/16 01:18	100-41-4	N2
m&p-Xylene	**<0.027**	mg/kg	0.10	0.027	1	02/11/16 14:47	02/17/16 01:18	179601-23-1	N2
o-Xylene	**<0.0063**	mg/kg	0.10	0.0063	1	02/11/16 14:47	02/17/16 01:18	95-47-6	N2
Xylene (Total)	**<0.033**	mg/kg	0.21	0.033	1	02/11/16 14:47	02/17/16 01:18	1330-20-7	N2
Naphthalene	**<0.019**	mg/kg	0.62	0.019	1	02/11/16 14:47	02/17/16 01:18	91-20-3	N2
Aromatic (C09-C10)	**<0.0052**	mg/kg	1.0	0.0052	1	02/11/16 14:47	02/17/16 01:18		N2
Aliphatic (C05-C08),Unadjusted	**<0.29**	mg/kg	5.2	0.29	1	02/11/16 14:47	02/17/16 01:18		N2

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Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (2-5) **Lab ID: 10338253017** Collected: 02/09/16 15:50 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.87**	mg/kg	5.2	0.87	1	02/11/16 14:47	02/17/16 01:18		N2
Total Purgeable Hydro Carbons	**<0.38**	mg/kg	10.4	0.38	1	02/11/16 14:47	02/17/16 01:18		N2
Aliphatic, Adjusted(C05-C08)	**<0.29**	mg/kg	5.2	0.29	1	02/11/16 14:47	02/17/16 01:18		N2
Aliphatic, Adjusted(C09-C12)	**<0.87**	mg/kg	5.2	0.87	1	02/11/16 14:47	02/17/16 01:18		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	86	%.	70-130		1	02/11/16 14:47	02/17/16 01:18	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (7-10) **Lab ID: 10338253018** Collected: 02/09/16 16:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**3.7**	mg/kg	0.99	0.24	1	02/15/16 15:53	02/16/16 15:35	7440-38-2	
Barium	**77.3**	mg/kg	0.49	0.049	1	02/15/16 15:53	02/16/16 15:35	7440-39-3	
Cadmium	**<0.037**	mg/kg	0.15	0.037	1	02/15/16 15:53	02/16/16 15:35	7440-43-9	
Chromium	**9.0**	mg/kg	0.49	0.074	1	02/15/16 15:53	02/16/16 15:35	7440-47-3	
Lead	**4.6**	mg/kg	0.49	0.12	1	02/15/16 15:53	02/16/16 15:35	7439-92-1	
Selenium	**<0.40**	mg/kg	0.99	0.40	1	02/15/16 15:53	02/16/16 15:35	7782-49-2	
Silver	**<0.11**	mg/kg	0.49	0.11	1	02/15/16 15:53	02/16/16 15:35	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.0068**	mg/kg	0.020	0.0068	1	02/14/16 19:44	02/14/16 22:26	7439-97-6	
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
Acenaphthene	**<0.041**	mg/kg	0.35	0.041	1	02/17/16 06:51	02/19/16 18:03	83-32-9	
Acenaphthylene	**<0.046**	mg/kg	0.35	0.046	1	02/17/16 06:51	02/19/16 18:03	208-96-8	
Anthracene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	120-12-7	
Benzo(a)anthracene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	56-55-3	
Benzo(a)pyrene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	50-32-8	
Benzo(b)fluoranthene	**<0.045**	mg/kg	0.35	0.045	1	02/17/16 06:51	02/19/16 18:03	205-99-2	
Benzo(g,h,i)perylene	**<0.043**	mg/kg	0.35	0.043	1	02/17/16 06:51	02/19/16 18:03	191-24-2	
Benzo(k)fluoranthene	**<0.045**	mg/kg	0.35	0.045	1	02/17/16 06:51	02/19/16 18:03	207-08-9	
4-Bromophenylphenyl ether	**<0.038**	mg/kg	0.35	0.038	1	02/17/16 06:51	02/19/16 18:03	101-55-3	
Butylbenzylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	85-68-7	
Carbazole	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	86-74-8	
4-Chloro-3-methylphenol	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	59-50-7	
4-Chloroaniline	**<0.054**	mg/kg	0.35	0.054	1	02/17/16 06:51	02/19/16 18:03	106-47-8	
bis(2-Chloroethoxy)methane	**<0.069**	mg/kg	0.35	0.069	1	02/17/16 06:51	02/19/16 18:03	111-91-1	
bis(2-Chloroethyl) ether	**<0.025**	mg/kg	0.35	0.025	1	02/17/16 06:51	02/19/16 18:03	111-44-4	
bis(2-Chloroisopropyl) ether	**<0.082**	mg/kg	0.35	0.082	1	02/17/16 06:51	02/19/16 18:03	108-60-1	
2-Chloronaphthalene	**<0.056**	mg/kg	0.35	0.056	1	02/17/16 06:51	02/19/16 18:03	91-58-7	
2-Chlorophenol	**<0.083**	mg/kg	0.35	0.083	1	02/17/16 06:51	02/19/16 18:03	95-57-8	
4-Chlorophenylphenyl ether	**<0.041**	mg/kg	0.35	0.041	1	02/17/16 06:51	02/19/16 18:03	7005-72-3	
Chrysene	**<0.048**	mg/kg	0.35	0.048	1	02/17/16 06:51	02/19/16 18:03	218-01-9	
Dibenz(a,h)anthracene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	53-70-3	
Dibenzofuran	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	132-64-9	
1,2-Dichlorobenzene	**<0.023**	mg/kg	0.35	0.023	1	02/17/16 06:51	02/19/16 18:03	95-50-1	
1,3-Dichlorobenzene	**<0.022**	mg/kg	0.35	0.022	1	02/17/16 06:51	02/19/16 18:03	541-73-1	
1,4-Dichlorobenzene	**<0.024**	mg/kg	0.35	0.024	1	02/17/16 06:51	02/19/16 18:03	106-46-7	
3,3'-Dichlorobenzidine	**<0.049**	mg/kg	0.35	0.049	1	02/17/16 06:51	02/19/16 18:03	91-94-1	
2,4-Dichlorophenol	**<0.067**	mg/kg	0.35	0.067	1	02/17/16 06:51	02/19/16 18:03	120-83-2	
Diethylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	84-66-2	
2,4-Dimethylphenol	**<0.066**	mg/kg	0.35	0.066	1	02/17/16 06:51	02/19/16 18:03	105-67-9	
Dimethylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	131-11-3	
Di-n-butylphthalate	**<0.049**	mg/kg	0.35	0.049	1	02/17/16 06:51	02/19/16 18:03	84-74-2	
4,6-Dinitro-2-methylphenol	**<0.070**	mg/kg	1.8	0.070	1	02/17/16 06:51	02/19/16 18:03	534-52-1	
2,4-Dinitrophenol	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	51-28-5	

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(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (7-10) **Lab ID: 10338253018** Collected: 02/09/16 16:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV	Analytical Method: EPA 8270D Preparation Method: EPA 3550								
2,4-Dinitrotoluene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	121-14-2	
2,6-Dinitrotoluene	**<0.030**	mg/kg	0.35	0.030	1	02/17/16 06:51	02/19/16 18:03	606-20-2	
Di-n-octylphthalate	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	117-84-0	
1,2-Diphenylhydrazine	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	122-66-7	
bis(2-Ethylhexyl)phthalate	**<0.061**	mg/kg	0.35	0.061	1	02/17/16 06:51	02/19/16 18:03	117-81-7	
Fluoranthene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	206-44-0	
Fluorene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	86-73-7	
Hexachloro-1,3-butadiene	**<0.030**	mg/kg	0.35	0.030	1	02/17/16 06:51	02/19/16 18:03	87-68-3	
Hexachlorobenzene	**<0.047**	mg/kg	0.35	0.047	1	02/17/16 06:51	02/19/16 18:03	118-74-1	
Hexachloroethane	**<0.023**	mg/kg	0.35	0.023	1	02/17/16 06:51	02/19/16 18:03	67-72-1	
Indeno(1,2,3-cd)pyrene	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	193-39-5	
Isophorone	**<0.057**	mg/kg	0.35	0.057	1	02/17/16 06:51	02/19/16 18:03	78-59-1	
1-Methylnaphthalene	**<0.061**	mg/kg	0.35	0.061	1	02/17/16 06:51	02/19/16 18:03	90-12-0	
2-Methylnaphthalene	**<0.063**	mg/kg	0.35	0.063	1	02/17/16 06:51	02/19/16 18:03	91-57-6	
2-Methylphenol(o-Cresol)	**<0.077**	mg/kg	0.35	0.077	1	02/17/16 06:51	02/19/16 18:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.071**	mg/kg	0.71	0.071	1	02/17/16 06:51	02/19/16 18:03		
Naphthalene	**<0.066**	mg/kg	0.35	0.066	1	02/17/16 06:51	02/19/16 18:03	91-20-3	
2-Nitroaniline	**<0.038**	mg/kg	0.35	0.038	1	02/17/16 06:51	02/19/16 18:03	88-74-4	
3-Nitroaniline	**<0.036**	mg/kg	0.35	0.036	1	02/17/16 06:51	02/19/16 18:03	99-09-2	
4-Nitroaniline	**<0.031**	mg/kg	0.35	0.031	1	02/17/16 06:51	02/19/16 18:03	100-01-6	
Nitrobenzene	**<0.072**	mg/kg	0.35	0.072	1	02/17/16 06:51	02/19/16 18:03	98-95-3	
2-Nitrophenol	**<0.061**	mg/kg	0.35	0.061	1	02/17/16 06:51	02/19/16 18:03	88-75-5	
4-Nitrophenol	**<0.037**	mg/kg	0.35	0.037	1	02/17/16 06:51	02/19/16 18:03	100-02-7	
N-Nitrosodimethylamine	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	62-75-9	
N-Nitroso-di-n-propylamine	**<0.048**	mg/kg	0.35	0.048	1	02/17/16 06:51	02/19/16 18:03	621-64-7	
N-Nitrosodiphenylamine	**<0.18**	mg/kg	0.35	0.18	1	02/17/16 06:51	02/19/16 18:03	86-30-6	
Pentachlorophenol	**<0.18**	mg/kg	0.72	0.18	1	02/17/16 06:51	02/19/16 18:03	87-86-5	
Phenanthrene	**<0.051**	mg/kg	0.35	0.051	1	02/17/16 06:51	02/19/16 18:03	85-01-8	
Phenol	**<0.077**	mg/kg	0.35	0.077	1	02/17/16 06:51	02/19/16 18:03	108-95-2	
Pyrene	**<0.045**	mg/kg	0.35	0.045	1	02/17/16 06:51	02/19/16 18:03	129-00-0	
1,2,4-Trichlorobenzene	**<0.058**	mg/kg	0.35	0.058	1	02/17/16 06:51	02/19/16 18:03	120-82-1	
2,4,5-Trichlorophenol	**<0.042**	mg/kg	0.35	0.042	1	02/17/16 06:51	02/19/16 18:03	95-95-4	
2,4,6-Trichlorophenol	**<0.046**	mg/kg	0.35	0.046	1	02/17/16 06:51	02/19/16 18:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%.	30-125		1	02/17/16 06:51	02/19/16 18:03	4165-60-0	
2-Fluorobiphenyl (S)	69	%.	30-130		1	02/17/16 06:51	02/19/16 18:03	321-60-8	
p-Terphenyl-d14 (S)	84	%.	30-148		1	02/17/16 06:51	02/19/16 18:03	1718-51-0	
Phenol-d6 (S)	63	%.	30-125		1	02/17/16 06:51	02/19/16 18:03	13127-88-3	
2-Fluorophenol (S)	58	%.	30-125		1	02/17/16 06:51	02/19/16 18:03	367-12-4	
2,4,6-Tribromophenol (S)	70	%.	30-141		1	02/17/16 06:51	02/19/16 18:03	118-79-6	
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.24**	mg/kg	1.1	0.24	1	02/16/16 11:01	02/16/16 17:39	67-64-1	
Allyl chloride	**<0.013**	mg/kg	0.21	0.013	1	02/16/16 11:01	02/16/16 17:39	107-05-1	
Benzene	**<0.0074**	mg/kg	0.021	0.0074	1	02/16/16 11:01	02/16/16 17:39	71-43-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (7-10) **Lab ID: 10338253018** Collected: 02/09/16 16:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Bromobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/16/16 11:01	02/16/16 17:39	108-86-1	
Bromochloromethane	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	74-97-5	
Bromodichloromethane	**<0.0095**	mg/kg	0.053	0.0095	1	02/16/16 11:01	02/16/16 17:39	75-27-4	
Bromoform	**<0.013**	mg/kg	0.21	0.013	1	02/16/16 11:01	02/16/16 17:39	75-25-2	
Bromomethane	**<0.093**	mg/kg	0.53	0.093	1	02/16/16 11:01	02/16/16 17:39	74-83-9	
2-Butanone (MEK)	**<0.088**	mg/kg	0.27	0.088	1	02/16/16 11:01	02/16/16 17:39	78-93-3	
n-Butylbenzene	**<0.010**	mg/kg	0.21	0.010	1	02/16/16 11:01	02/16/16 17:39	104-51-8	
sec-Butylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	135-98-8	
tert-Butylbenzene	**<0.014**	mg/kg	0.053	0.014	1	02/16/16 11:01	02/16/16 17:39	98-06-6	
Carbon tetrachloride	**<0.013**	mg/kg	0.053	0.013	1	02/16/16 11:01	02/16/16 17:39	56-23-5	
Chlorobenzene	**<0.0086**	mg/kg	0.053	0.0086	1	02/16/16 11:01	02/16/16 17:39	108-90-7	
Chloroethane	**<0.025**	mg/kg	0.53	0.025	1	02/16/16 11:01	02/16/16 17:39	75-00-3	
Chloroform	**<0.0089**	mg/kg	0.053	0.0089	1	02/16/16 11:01	02/16/16 17:39	67-66-3	
Chloromethane	**<0.011**	mg/kg	0.21	0.011	1	02/16/16 11:01	02/16/16 17:39	74-87-3	
2-Chlorotoluene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	95-49-8	
4-Chlorotoluene	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.041**	mg/kg	0.53	0.041	1	02/16/16 11:01	02/16/16 17:39	96-12-8	
Dibromochloromethane	**<0.0082**	mg/kg	0.21	0.0082	1	02/16/16 11:01	02/16/16 17:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0085**	mg/kg	0.053	0.0085	1	02/16/16 11:01	02/16/16 17:39	106-93-4	
Dibromomethane	**<0.013**	mg/kg	0.053	0.013	1	02/16/16 11:01	02/16/16 17:39	74-95-3	
1,2-Dichlorobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/16/16 11:01	02/16/16 17:39	95-50-1	
1,3-Dichlorobenzene	**<0.013**	mg/kg	0.053	0.013	1	02/16/16 11:01	02/16/16 17:39	541-73-1	
1,4-Dichlorobenzene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	106-46-7	
Dichlorodifluoromethane	**<0.013**	mg/kg	0.21	0.013	1	02/16/16 11:01	02/16/16 17:39	75-71-8	
1,1-Dichloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	75-34-3	
1,2-Dichloroethane	**<0.012**	mg/kg	0.053	0.012	1	02/16/16 11:01	02/16/16 17:39	107-06-2	
1,1-Dichloroethene	**<0.012**	mg/kg	0.053	0.012	1	02/16/16 11:01	02/16/16 17:39	75-35-4	
cis-1,2-Dichloroethene	**<0.019**	mg/kg	0.053	0.019	1	02/16/16 11:01	02/16/16 17:39	156-59-2	
trans-1,2-Dichloroethene	**<0.0087**	mg/kg	0.053	0.0087	1	02/16/16 11:01	02/16/16 17:39	156-60-5	
Dichlorofluoromethane	**<0.050**	mg/kg	0.53	0.050	1	02/16/16 11:01	02/16/16 17:39	75-43-4	
1,2-Dichloropropane	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	78-87-5	
1,3-Dichloropropane	**<0.0083**	mg/kg	0.053	0.0083	1	02/16/16 11:01	02/16/16 17:39	142-28-9	
2,2-Dichloropropane	**<0.021**	mg/kg	0.21	0.021	1	02/16/16 11:01	02/16/16 17:39	594-20-7	
1,1-Dichloropropene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	563-58-6	
cis-1,3-Dichloropropene	**<0.0055**	mg/kg	0.053	0.0055	1	02/16/16 11:01	02/16/16 17:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.021**	mg/kg	0.053	0.021	1	02/16/16 11:01	02/16/16 17:39	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.017**	mg/kg	0.21	0.017	1	02/16/16 11:01	02/16/16 17:39	60-29-7	
Ethylbenzene	**<0.0079**	mg/kg	0.053	0.0079	1	02/16/16 11:01	02/16/16 17:39	100-41-4	
Hexachloro-1,3-butadiene	**<0.023**	mg/kg	0.27	0.023	1	02/16/16 11:01	02/16/16 17:39	87-68-3	
Isopropylbenzene (Cumene)	**<0.0097**	mg/kg	0.053	0.0097	1	02/16/16 11:01	02/16/16 17:39	98-82-8	
p-Isopropyltoluene	**<0.0093**	mg/kg	0.053	0.0093	1	02/16/16 11:01	02/16/16 17:39	99-87-6	
Methylene Chloride	**<0.016**	mg/kg	0.21	0.016	1	02/16/16 11:01	02/16/16 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.068**	mg/kg	0.27	0.068	1	02/16/16 11:01	02/16/16 17:39	108-10-1	
Methyl-tert-butyl ether	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	1634-04-4	
Naphthalene	**<0.077**	mg/kg	0.21	0.077	1	02/16/16 11:01	02/16/16 17:39	91-20-3	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (7-10) **Lab ID: 10338253018** Collected: 02/09/16 16:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
n-Propylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	103-65-1	
Styrene	**<0.0084**	mg/kg	0.053	0.0084	1	02/16/16 11:01	02/16/16 17:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	79-34-5	
Tetrachloroethene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	127-18-4	
Tetrahydrofuran	**<0.084**	mg/kg	2.1	0.084	1	02/16/16 11:01	02/16/16 17:39	109-99-9	
Toluene	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	108-88-3	
1,2,3-Trichlorobenzene	**<0.021**	mg/kg	0.053	0.021	1	02/16/16 11:01	02/16/16 17:39	87-61-6	
1,2,4-Trichlorobenzene	**<0.0097**	mg/kg	0.053	0.0097	1	02/16/16 11:01	02/16/16 17:39	120-82-1	
1,1,1-Trichloroethane	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	71-55-6	
1,1,2-Trichloroethane	**<0.015**	mg/kg	0.053	0.015	1	02/16/16 11:01	02/16/16 17:39	79-00-5	
Trichloroethene	**<0.013**	mg/kg	0.053	0.013	1	02/16/16 11:01	02/16/16 17:39	79-01-6	
Trichlorofluoromethane	**<0.037**	mg/kg	0.53	0.037	1	02/16/16 11:01	02/16/16 17:39	75-69-4	
1,2,3-Trichloropropane	**<0.015**	mg/kg	0.21	0.015	1	02/16/16 11:01	02/16/16 17:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.013**	mg/kg	0.21	0.013	1	02/16/16 11:01	02/16/16 17:39	76-13-1	
1,2,4-Trimethylbenzene	**<0.011**	mg/kg	0.053	0.011	1	02/16/16 11:01	02/16/16 17:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.010**	mg/kg	0.053	0.010	1	02/16/16 11:01	02/16/16 17:39	108-67-8	
Vinyl chloride	**<0.0096**	mg/kg	0.021	0.0096	1	02/16/16 11:01	02/16/16 17:39	75-01-4	
Xylene (Total)	**<0.032**	mg/kg	0.16	0.032	1	02/16/16 11:01	02/16/16 17:39	1330-20-7	
m&p-Xylene	**<0.023**	mg/kg	0.11	0.023	1	02/16/16 11:01	02/16/16 17:39	179601-23-1	
o-Xylene	**<0.0090**	mg/kg	0.053	0.0090	1	02/16/16 11:01	02/16/16 17:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	124	%.	75-129		1	02/16/16 11:01	02/16/16 17:39	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1	02/16/16 11:01	02/16/16 17:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1	02/16/16 11:01	02/16/16 17:39	460-00-4	
Dry Weight, MT	Analytical Method: ASTM D2974								
Percent Moisture	**6.9**	%	0.10	0.10	1		02/12/16 13:01		
MADEP EPH MA Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Total Extractable Hydrocarbons	**<2.1**	mg/kg	10.7	2.1	1	02/16/16 08:02	02/19/16 04:56		N2
Surrogates									
1-Chloro-octadecane (S)	72	%.	40-140		1	02/16/16 08:02	02/19/16 04:56	3386-33-2	
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Methyl-tert-butyl ether	**<0.020**	mg/kg	0.050	0.020	1	02/11/16 14:47	02/17/16 01:45	1634-04-4	N2
Benzene	**<0.0028**	mg/kg	0.025	0.0028	1	02/11/16 14:47	02/17/16 01:45	71-43-2	N2
Toluene	**<0.0044**	mg/kg	0.050	0.0044	1	02/11/16 14:47	02/17/16 01:45	108-88-3	N2
Ethylbenzene	**<0.0037**	mg/kg	0.050	0.0037	1	02/11/16 14:47	02/17/16 01:45	100-41-4	N2
m&p-Xylene	**<0.026**	mg/kg	0.10	0.026	1	02/11/16 14:47	02/17/16 01:45	179601-23-1	N2
o-Xylene	**<0.0062**	mg/kg	0.10	0.0062	1	02/11/16 14:47	02/17/16 01:45	95-47-6	N2
Xylene (Total)	**<0.032**	mg/kg	0.20	0.032	1	02/11/16 14:47	02/17/16 01:45	1330-20-7	N2
Naphthalene	**<0.019**	mg/kg	0.61	0.019	1	02/11/16 14:47	02/17/16 01:45	91-20-3	N2
Aromatic (C09-C10)	**<0.0050**	mg/kg	1.0	0.0050	1	02/11/16 14:47	02/17/16 01:45		N2
Aliphatic (C05-C08),Unadjusted	**<0.28**	mg/kg	5.0	0.28	1	02/11/16 14:47	02/17/16 01:45		N2

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: B-9 (7-10) **Lab ID: 10338253018** Collected: 02/09/16 16:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH MA Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C09-C12),Unadjusted	**<0.85**	mg/kg	5.0	0.85	1	02/11/16 14:47	02/17/16 01:45		N2
Total Purgeable Hydro Carbons	**<0.37**	mg/kg	10.1	0.37	1	02/11/16 14:47	02/17/16 01:45		N2
Aliphatic, Adjusted(C05-C08)	**<0.28**	mg/kg	5.0	0.28	1	02/11/16 14:47	02/17/16 01:45		N2
Aliphatic, Adjusted(C09-C12)	**<0.85**	mg/kg	5.0	0.85	1	02/11/16 14:47	02/17/16 01:45		N2
Surrogates									
a,a,a-Trifluorotoluene (S)	86	%.	70-130		1	02/11/16 14:47	02/17/16 01:45	98-08-8	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: TRIP BLANK (003-010) **Lab ID: 10338253019** Collected: 02/10/16 00:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.22**	mg/kg	1.0	0.22	1	02/16/16 11:01	02/16/16 14:10	67-64-1	
Allyl chloride	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:10	107-05-1	
Benzene	**<0.0070**	mg/kg	0.020	0.0070	1	02/16/16 11:01	02/16/16 14:10	71-43-2	
Bromobenzene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:10	108-86-1	
Bromochloromethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:10	74-97-5	
Bromodichloromethane	**<0.0089**	mg/kg	0.050	0.0089	1	02/16/16 11:01	02/16/16 14:10	75-27-4	
Bromoform	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:10	75-25-2	
Bromomethane	**<0.088**	mg/kg	0.50	0.088	1	02/16/16 11:01	02/16/16 14:10	74-83-9	
2-Butanone (MEK)	**<0.083**	mg/kg	0.25	0.083	1	02/16/16 11:01	02/16/16 14:10	78-93-3	
n-Butylbenzene	**<0.0094**	mg/kg	0.20	0.0094	1	02/16/16 11:01	02/16/16 14:10	104-51-8	
sec-Butylbenzene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:10	135-98-8	
tert-Butylbenzene	**<0.013**	mg/kg	0.050	0.013	1	02/16/16 11:01	02/16/16 14:10	98-06-6	
Carbon tetrachloride	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:10	56-23-5	
Chlorobenzene	**<0.0081**	mg/kg	0.050	0.0081	1	02/16/16 11:01	02/16/16 14:10	108-90-7	
Chloroethane	**<0.024**	mg/kg	0.50	0.024	1	02/16/16 11:01	02/16/16 14:10	75-00-3	
Chloroform	**<0.0084**	mg/kg	0.050	0.0084	1	02/16/16 11:01	02/16/16 14:10	67-66-3	
Chloromethane	**<0.010**	mg/kg	0.20	0.010	1	02/16/16 11:01	02/16/16 14:10	74-87-3	
2-Chlorotoluene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:10	95-49-8	
4-Chlorotoluene	**<0.0094**	mg/kg	0.050	0.0094	1	02/16/16 11:01	02/16/16 14:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.039**	mg/kg	0.50	0.039	1	02/16/16 11:01	02/16/16 14:10	96-12-8	
Dibromochloromethane	**<0.0077**	mg/kg	0.20	0.0077	1	02/16/16 11:01	02/16/16 14:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0080**	mg/kg	0.050	0.0080	1	02/16/16 11:01	02/16/16 14:10	106-93-4	
Dibromomethane	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:10	74-95-3	
1,2-Dichlorobenzene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:10	95-50-1	
1,3-Dichlorobenzene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:10	541-73-1	
1,4-Dichlorobenzene	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:10	106-46-7	
Dichlorodifluoromethane	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:10	75-71-8	
1,1-Dichloroethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:10	75-34-3	
1,2-Dichloroethane	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:10	107-06-2	
1,1-Dichloroethene	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:10	75-35-4	
cis-1,2-Dichloroethene	**<0.018**	mg/kg	0.050	0.018	1	02/16/16 11:01	02/16/16 14:10	156-59-2	
trans-1,2-Dichloroethene	**<0.0082**	mg/kg	0.050	0.0082	1	02/16/16 11:01	02/16/16 14:10	156-60-5	
Dichlorofluoromethane	**<0.047**	mg/kg	0.50	0.047	1	02/16/16 11:01	02/16/16 14:10	75-43-4	
1,2-Dichloropropane	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:10	78-87-5	
1,3-Dichloropropane	**<0.0078**	mg/kg	0.050	0.0078	1	02/16/16 11:01	02/16/16 14:10	142-28-9	
2,2-Dichloropropane	**<0.020**	mg/kg	0.20	0.020	1	02/16/16 11:01	02/16/16 14:10	594-20-7	
1,1-Dichloropropene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:10	563-58-6	
cis-1,3-Dichloropropene	**<0.0052**	mg/kg	0.050	0.0052	1	02/16/16 11:01	02/16/16 14:10	10061-01-5	
trans-1,3-Dichloropropene	**<0.019**	mg/kg	0.050	0.019	1	02/16/16 11:01	02/16/16 14:10	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.016**	mg/kg	0.20	0.016	1	02/16/16 11:01	02/16/16 14:10	60-29-7	
Ethylbenzene	**<0.0075**	mg/kg	0.050	0.0075	1	02/16/16 11:01	02/16/16 14:10	100-41-4	
Hexachloro-1,3-butadiene	**<0.021**	mg/kg	0.25	0.021	1	02/16/16 11:01	02/16/16 14:10	87-68-3	
Isopropylbenzene (Cumene)	**<0.0091**	mg/kg	0.050	0.0091	1	02/16/16 11:01	02/16/16 14:10	98-82-8	
p-Isopropyltoluene	**<0.0087**	mg/kg	0.050	0.0087	1	02/16/16 11:01	02/16/16 14:10	99-87-6	
Methylene Chloride	**<0.015**	mg/kg	0.20	0.015	1	02/16/16 11:01	02/16/16 14:10	75-09-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: TRIP BLANK (003-010) **Lab ID: 10338253019** Collected: 02/10/16 00:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
4-Methyl-2-pentanone (MIBK)	**<0.064**	mg/kg	0.25	0.064	1	02/16/16 11:01	02/16/16 14:10	108-10-1	
Methyl-tert-butyl ether	**<0.0094**	mg/kg	0.050	0.0094	1	02/16/16 11:01	02/16/16 14:10	1634-04-4	
Naphthalene	**<0.072**	mg/kg	0.20	0.072	1	02/16/16 11:01	02/16/16 14:10	91-20-3	
n-Propylbenzene	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:10	103-65-1	
Styrene	**<0.0079**	mg/kg	0.050	0.0079	1	02/16/16 11:01	02/16/16 14:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:10	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:10	79-34-5	
Tetrachloroethene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:10	127-18-4	
Tetrahydrofuran	**<0.079**	mg/kg	2.0	0.079	1	02/16/16 11:01	02/16/16 14:10	109-99-9	
Toluene	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:10	108-88-3	
1,2,3-Trichlorobenzene	**<0.019**	mg/kg	0.050	0.019	1	02/16/16 11:01	02/16/16 14:10	87-61-6	
1,2,4-Trichlorobenzene	**<0.0091**	mg/kg	0.050	0.0091	1	02/16/16 11:01	02/16/16 14:10	120-82-1	
1,1,1-Trichloroethane	**<0.0097**	mg/kg	0.050	0.0097	1	02/16/16 11:01	02/16/16 14:10	71-55-6	
1,1,2-Trichloroethane	**<0.014**	mg/kg	0.050	0.014	1	02/16/16 11:01	02/16/16 14:10	79-00-5	
Trichloroethene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:10	79-01-6	
Trichlorofluoromethane	**<0.035**	mg/kg	0.50	0.035	1	02/16/16 11:01	02/16/16 14:10	75-69-4	
1,2,3-Trichloropropane	**<0.014**	mg/kg	0.20	0.014	1	02/16/16 11:01	02/16/16 14:10	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:10	76-13-1	
1,2,4-Trimethylbenzene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.0097**	mg/kg	0.050	0.0097	1	02/16/16 11:01	02/16/16 14:10	108-67-8	
Vinyl chloride	**<0.0090**	mg/kg	0.020	0.0090	1	02/16/16 11:01	02/16/16 14:10	75-01-4	
Xylene (Total)	**<0.030**	mg/kg	0.15	0.030	1	02/16/16 11:01	02/16/16 14:10	1330-20-7	
m&p-Xylene	**<0.021**	mg/kg	0.10	0.021	1	02/16/16 11:01	02/16/16 14:10	179601-23-1	
o-Xylene	**<0.0085**	mg/kg	0.050	0.0085	1	02/16/16 11:01	02/16/16 14:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	114	%.	75-129		1	02/16/16 11:01	02/16/16 14:10	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1	02/16/16 11:01	02/16/16 14:10	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1	02/16/16 11:01	02/16/16 14:10	460-00-4	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: TRIP BLANK (011-018) **Lab ID: 10338253020** Collected: 02/10/16 00:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Acetone	**<0.22**	mg/kg	1.0	0.22	1	02/16/16 11:01	02/16/16 14:26	67-64-1	
Allyl chloride	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:26	107-05-1	
Benzene	**<0.0070**	mg/kg	0.020	0.0070	1	02/16/16 11:01	02/16/16 14:26	71-43-2	
Bromobenzene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:26	108-86-1	
Bromochloromethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:26	74-97-5	
Bromodichloromethane	**<0.0089**	mg/kg	0.050	0.0089	1	02/16/16 11:01	02/16/16 14:26	75-27-4	
Bromoform	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:26	75-25-2	
Bromomethane	**<0.088**	mg/kg	0.50	0.088	1	02/16/16 11:01	02/16/16 14:26	74-83-9	
2-Butanone (MEK)	**<0.083**	mg/kg	0.25	0.083	1	02/16/16 11:01	02/16/16 14:26	78-93-3	
n-Butylbenzene	**<0.0094**	mg/kg	0.20	0.0094	1	02/16/16 11:01	02/16/16 14:26	104-51-8	
sec-Butylbenzene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:26	135-98-8	
tert-Butylbenzene	**<0.013**	mg/kg	0.050	0.013	1	02/16/16 11:01	02/16/16 14:26	98-06-6	
Carbon tetrachloride	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:26	56-23-5	
Chlorobenzene	**<0.0081**	mg/kg	0.050	0.0081	1	02/16/16 11:01	02/16/16 14:26	108-90-7	
Chloroethane	**<0.024**	mg/kg	0.50	0.024	1	02/16/16 11:01	02/16/16 14:26	75-00-3	
Chloroform	**<0.0084**	mg/kg	0.050	0.0084	1	02/16/16 11:01	02/16/16 14:26	67-66-3	
Chloromethane	**<0.010**	mg/kg	0.20	0.010	1	02/16/16 11:01	02/16/16 14:26	74-87-3	
2-Chlorotoluene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:26	95-49-8	
4-Chlorotoluene	**<0.0094**	mg/kg	0.050	0.0094	1	02/16/16 11:01	02/16/16 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.039**	mg/kg	0.50	0.039	1	02/16/16 11:01	02/16/16 14:26	96-12-8	
Dibromochloromethane	**<0.0077**	mg/kg	0.20	0.0077	1	02/16/16 11:01	02/16/16 14:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.0080**	mg/kg	0.050	0.0080	1	02/16/16 11:01	02/16/16 14:26	106-93-4	
Dibromomethane	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:26	74-95-3	
1,2-Dichlorobenzene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:26	95-50-1	
1,3-Dichlorobenzene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:26	541-73-1	
1,4-Dichlorobenzene	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:26	106-46-7	
Dichlorodifluoromethane	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:26	75-71-8	
1,1-Dichloroethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:26	75-34-3	
1,2-Dichloroethane	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:26	107-06-2	
1,1-Dichloroethene	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:26	75-35-4	
cis-1,2-Dichloroethene	**<0.018**	mg/kg	0.050	0.018	1	02/16/16 11:01	02/16/16 14:26	156-59-2	
trans-1,2-Dichloroethene	**<0.0082**	mg/kg	0.050	0.0082	1	02/16/16 11:01	02/16/16 14:26	156-60-5	
Dichlorofluoromethane	**<0.047**	mg/kg	0.50	0.047	1	02/16/16 11:01	02/16/16 14:26	75-43-4	
1,2-Dichloropropane	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:26	78-87-5	
1,3-Dichloropropane	**<0.0078**	mg/kg	0.050	0.0078	1	02/16/16 11:01	02/16/16 14:26	142-28-9	
2,2-Dichloropropane	**<0.020**	mg/kg	0.20	0.020	1	02/16/16 11:01	02/16/16 14:26	594-20-7	
1,1-Dichloropropene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:26	563-58-6	
cis-1,3-Dichloropropene	**<0.0052**	mg/kg	0.050	0.0052	1	02/16/16 11:01	02/16/16 14:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.019**	mg/kg	0.050	0.019	1	02/16/16 11:01	02/16/16 14:26	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.016**	mg/kg	0.20	0.016	1	02/16/16 11:01	02/16/16 14:26	60-29-7	
Ethylbenzene	**<0.0075**	mg/kg	0.050	0.0075	1	02/16/16 11:01	02/16/16 14:26	100-41-4	
Hexachloro-1,3-butadiene	**<0.021**	mg/kg	0.25	0.021	1	02/16/16 11:01	02/16/16 14:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.0091**	mg/kg	0.050	0.0091	1	02/16/16 11:01	02/16/16 14:26	98-82-8	
p-Isopropyltoluene	**<0.0087**	mg/kg	0.050	0.0087	1	02/16/16 11:01	02/16/16 14:26	99-87-6	
Methylene Chloride	**<0.015**	mg/kg	0.20	0.015	1	02/16/16 11:01	02/16/16 14:26	75-09-2	

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ANALYTICAL RESULTS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Sample: TRIP BLANK (011-018) **Lab ID: 10338253020** Collected: 02/10/16 00:00 Received: 02/10/16 16:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level	Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
4-Methyl-2-pentanone (MIBK)	**<0.064**	mg/kg	0.25	0.064	1	02/16/16 11:01	02/16/16 14:26	108-10-1	
Methyl-tert-butyl ether	**<0.0094**	mg/kg	0.050	0.0094	1	02/16/16 11:01	02/16/16 14:26	1634-04-4	
Naphthalene	**<0.072**	mg/kg	0.20	0.072	1	02/16/16 11:01	02/16/16 14:26	91-20-3	
n-Propylbenzene	**<0.011**	mg/kg	0.050	0.011	1	02/16/16 11:01	02/16/16 14:26	103-65-1	
Styrene	**<0.0079**	mg/kg	0.050	0.0079	1	02/16/16 11:01	02/16/16 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:26	79-34-5	
Tetrachloroethene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:26	127-18-4	
Tetrahydrofuran	**<0.079**	mg/kg	2.0	0.079	1	02/16/16 11:01	02/16/16 14:26	109-99-9	
Toluene	**<0.0096**	mg/kg	0.050	0.0096	1	02/16/16 11:01	02/16/16 14:26	108-88-3	
1,2,3-Trichlorobenzene	**<0.019**	mg/kg	0.050	0.019	1	02/16/16 11:01	02/16/16 14:26	87-61-6	
1,2,4-Trichlorobenzene	**<0.0091**	mg/kg	0.050	0.0091	1	02/16/16 11:01	02/16/16 14:26	120-82-1	
1,1,1-Trichloroethane	**<0.0097**	mg/kg	0.050	0.0097	1	02/16/16 11:01	02/16/16 14:26	71-55-6	
1,1,2-Trichloroethane	**<0.014**	mg/kg	0.050	0.014	1	02/16/16 11:01	02/16/16 14:26	79-00-5	
Trichloroethene	**<0.012**	mg/kg	0.050	0.012	1	02/16/16 11:01	02/16/16 14:26	79-01-6	
Trichlorofluoromethane	**<0.035**	mg/kg	0.50	0.035	1	02/16/16 11:01	02/16/16 14:26	75-69-4	
1,2,3-Trichloropropane	**<0.014**	mg/kg	0.20	0.014	1	02/16/16 11:01	02/16/16 14:26	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.012**	mg/kg	0.20	0.012	1	02/16/16 11:01	02/16/16 14:26	76-13-1	
1,2,4-Trimethylbenzene	**<0.010**	mg/kg	0.050	0.010	1	02/16/16 11:01	02/16/16 14:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.0097**	mg/kg	0.050	0.0097	1	02/16/16 11:01	02/16/16 14:26	108-67-8	
Vinyl chloride	**<0.0090**	mg/kg	0.020	0.0090	1	02/16/16 11:01	02/16/16 14:26	75-01-4	
Xylene (Total)	**<0.030**	mg/kg	0.15	0.030	1	02/16/16 11:01	02/16/16 14:26	1330-20-7	
m&p-Xylene	**<0.021**	mg/kg	0.10	0.021	1	02/16/16 11:01	02/16/16 14:26	179601-23-1	
o-Xylene	**<0.0085**	mg/kg	0.050	0.0085	1	02/16/16 11:01	02/16/16 14:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	114	%.	75-129		1	02/16/16 11:01	02/16/16 14:26	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1	02/16/16 11:01	02/16/16 14:26	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1	02/16/16 11:01	02/16/16 14:26	460-00-4	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MERP/15936 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

METHOD BLANK: 2190960 Matrix: Solid
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	<0.0067	0.019	0.0067	02/14/16 21:43	

LABORATORY CONTROL SAMPLE: 2190961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190962 2190963

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.018J	.56	.55	0.56	0.54	95	96	80-120	3	20	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MPRP/61422 — Analysis Method: EPA 6010
QC Batch Method: EPA 3050 — Analysis Description: 6010 MET
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

METHOD BLANK: 2190967 — Matrix: Solid
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	<0.21	0.89	0.21	02/16/16 14:18	
Barium	mg/kg	<0.045	0.45	0.045	02/16/16 14:18	
Cadmium	mg/kg	<0.034	0.13	0.034	02/16/16 14:18	
Chromium	mg/kg	<0.067	0.45	0.067	02/16/16 14:18	
Lead	mg/kg	<0.11	0.45	0.11	02/16/16 14:18	
Selenium	mg/kg	<0.36	0.89	0.36	02/16/16 14:18	
Silver	mg/kg	<0.10	0.45	0.10	02/16/16 14:18	

LABORATORY CONTROL SAMPLE: 2190968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	39.4	34.2	87	80-120	
Barium	mg/kg	39.4	37.8	96	80-120	
Cadmium	mg/kg	39.4	35.2	90	80-120	
Chromium	mg/kg	39.4	37.8	96	80-120	
Lead	mg/kg	39.4	36.7	93	80-120	
Selenium	mg/kg	39.4	33.6	85	80-120	
Silver	mg/kg	19.7	17.4	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190969 2190970

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	7.7	48.8	53.3	47.4	51.6	81	82	75-125	8	20	
Barium	mg/kg	130	48.8	53.3	170	176	82	86	75-125	3	20	
Cadmium	mg/kg	0.082J	48.8	53.3	39.4	43.6	81	82	75-125	10	20	
Chromium	mg/kg	17.6	48.8	53.3	56.2	60.8	79	81	75-125	8	20	
Lead	mg/kg	6.5	48.8	53.3	41.6	45.7	72	74	75-125	9	20	M1
Selenium	mg/kg	<0.45	48.8	53.3	38.1	42.0	78	79	75-125	10	20	
Silver	mg/kg	<0.13	24.3	26.6	20.4	22.4	83	84	75-125	9	20	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MSV/34607 | Analysis Method: EPA 8260B
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260B MSV 5030 Med Level
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017

METHOD BLANK: 2190946 | Matrix: Solid
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.0096	0.050	0.0096	02/15/16 13:13	
1,1,1-Trichloroethane	mg/kg	<0.0097	0.050	0.0097	02/15/16 13:13	
1,1,2,2-Tetrachloroethane	mg/kg	<0.0096	0.050	0.0096	02/15/16 13:13	
1,1,2-Trichloroethane	mg/kg	<0.014	0.050	0.014	02/15/16 13:13	
1,1,2-Trichlorotrifluoroethane	mg/kg	<0.012	0.20	0.012	02/15/16 13:13	
1,1-Dichloroethane	mg/kg	<0.0096	0.050	0.0096	02/15/16 13:13	
1,1-Dichloroethene	mg/kg	<0.011	0.050	0.011	02/15/16 13:13	
1,1-Dichloropropene	mg/kg	<0.010	0.050	0.010	02/15/16 13:13	
1,2,3-Trichlorobenzene	mg/kg	<0.019	0.050	0.019	02/15/16 13:13	
1,2,3-Trichloropropane	mg/kg	<0.014	0.20	0.014	02/15/16 13:13	
1,2,4-Trichlorobenzene	mg/kg	<0.0091	0.050	0.0091	02/15/16 13:13	
1,2,4-Trimethylbenzene	mg/kg	<0.010	0.050	0.010	02/15/16 13:13	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.50	0.039	02/15/16 13:13	
1,2-Dibromoethane (EDB)	mg/kg	<0.0080	0.050	0.0080	02/15/16 13:13	
1,2-Dichlorobenzene	mg/kg	<0.012	0.050	0.012	02/15/16 13:13	
1,2-Dichloroethane	mg/kg	<0.011	0.050	0.011	02/15/16 13:13	
1,2-Dichloropropane	mg/kg	<0.010	0.050	0.010	02/15/16 13:13	
1,3,5-Trimethylbenzene	mg/kg	<0.0097	0.050	0.0097	02/15/16 13:13	
1,3-Dichlorobenzene	mg/kg	<0.012	0.050	0.012	02/15/16 13:13	
1,3-Dichloropropane	mg/kg	<0.0078	0.050	0.0078	02/15/16 13:13	
1,4-Dichlorobenzene	mg/kg	<0.011	0.050	0.011	02/15/16 13:13	
2,2-Dichloropropane	mg/kg	<0.020	0.20	0.020	02/15/16 13:13	
2-Butanone (MEK)	mg/kg	<0.083	0.25	0.083	02/15/16 13:13	
2-Chlorotoluene	mg/kg	<0.010	0.050	0.010	02/15/16 13:13	
4-Chlorotoluene	mg/kg	<0.0094	0.050	0.0094	02/15/16 13:13	
4-Methyl-2-pentanone (MIBK)	mg/kg	<0.064	0.25	0.064	02/15/16 13:13	
Acetone	mg/kg	<0.22	1.0	0.22	02/15/16 13:13	
Allyl chloride	mg/kg	<0.012	0.20	0.012	02/15/16 13:13	
Benzene	mg/kg	<0.0070	0.020	0.0070	02/15/16 13:13	
Bromobenzene	mg/kg	<0.012	0.050	0.012	02/15/16 13:13	
Bromochloromethane	mg/kg	<0.0096	0.050	0.0096	02/15/16 13:13	
Bromodichloromethane	mg/kg	<0.0089	0.050	0.0089	02/15/16 13:13	
Bromoform	mg/kg	<0.012	0.20	0.012	02/15/16 13:13	
Bromomethane	mg/kg	<0.088	0.50	0.088	02/15/16 13:13	
Carbon tetrachloride	mg/kg	<0.012	0.050	0.012	02/15/16 13:13	
Chlorobenzene	mg/kg	<0.0081	0.050	0.0081	02/15/16 13:13	
Chloroethane	mg/kg	<0.024	0.50	0.024	02/15/16 13:13	
Chloroform	mg/kg	<0.0084	0.050	0.0084	02/15/16 13:13	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

METHOD BLANK: 2190946 Matrix: Solid

Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	mg/kg	<0.010	0.20	0.010	02/15/16 13:13	
cis-1,2-Dichloroethene	mg/kg	<0.018	0.050	0.018	02/15/16 13:13	
cis-1,3-Dichloropropene	mg/kg	<0.0052	0.050	0.0052	02/15/16 13:13	
Dibromochloromethane	mg/kg	<0.0077	0.20	0.0077	02/15/16 13:13	
Dibromomethane	mg/kg	<0.012	0.050	0.012	02/15/16 13:13	
Dichlorodifluoromethane	mg/kg	<0.012	0.20	0.012	02/15/16 13:13	
Dichlorofluoromethane	mg/kg	<0.047	0.50	0.047	02/15/16 13:13	
Diethyl ether (Ethyl ether)	mg/kg	<0.016	0.20	0.016	02/15/16 13:13	
Ethylbenzene	mg/kg	<0.0075	0.050	0.0075	02/15/16 13:13	
Hexachloro-1,3-butadiene	mg/kg	<0.021	0.25	0.021	02/15/16 13:13	
Isopropylbenzene (Cumene)	mg/kg	<0.0091	0.050	0.0091	02/15/16 13:13	
m&p-Xylene	mg/kg	<0.021	0.10	0.021	02/15/16 13:13	
Methyl-tert-butyl ether	mg/kg	<0.0094	0.050	0.0094	02/15/16 13:13	
Methylene Chloride	mg/kg	<0.015	0.20	0.015	02/15/16 13:13	
n-Butylbenzene	mg/kg	<0.0094	0.20	0.0094	02/15/16 13:13	
n-Propylbenzene	mg/kg	<0.011	0.050	0.011	02/15/16 13:13	
Naphthalene	mg/kg	<0.072	0.20	0.072	02/15/16 13:13	
o-Xylene	mg/kg	<0.0085	0.050	0.0085	02/15/16 13:13	
p-Isopropyltoluene	mg/kg	<0.0087	0.050	0.0087	02/15/16 13:13	
sec-Butylbenzene	mg/kg	<0.010	0.050	0.010	02/15/16 13:13	
Styrene	mg/kg	<0.0079	0.050	0.0079	02/15/16 13:13	
tert-Butylbenzene	mg/kg	<0.013	0.050	0.013	02/15/16 13:13	
Tetrachloroethene	mg/kg	<0.010	0.050	0.010	02/15/16 13:13	
Tetrahydrofuran	mg/kg	<0.079	2.0	0.079	02/15/16 13:13	
Toluene	mg/kg	<0.0096	0.050	0.0096	02/15/16 13:13	
trans-1,2-Dichloroethene	mg/kg	<0.0082	0.050	0.0082	02/15/16 13:13	
trans-1,3-Dichloropropene	mg/kg	<0.019	0.050	0.019	02/15/16 13:13	
Trichloroethene	mg/kg	<0.012	0.050	0.012	02/15/16 13:13	
Trichlorofluoromethane	mg/kg	<0.035	0.50	0.035	02/15/16 13:13	
Vinyl chloride	mg/kg	<0.0090	0.020	0.0090	02/15/16 13:13	
Xylene (Total)	mg/kg	<0.030	0.15	0.030	02/15/16 13:13	
1,2-Dichloroethane-d4 (S)	%.	108	75-129		02/15/16 13:13	
4-Bromofluorobenzene (S)	%.	100	75-125		02/15/16 13:13	
Toluene-d8 (S)	%.	100	75-125		02/15/16 13:13	

LABORATORY CONTROL SAMPLE: 2190947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	1	0.93	93	71-127	
1,1,1-Trichloroethane	mg/kg	1	0.85	85	64-132	
1,1,2,2-Tetrachloroethane	mg/kg	1	0.88	88	50-138	
1,1,2-Trichloroethane	mg/kg	1	0.90	90	69-126	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

LABORATORY CONTROL SAMPLE: 2190947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichlorotrifluoroethane	mg/kg	1	0.90	90	53-144	
1,1-Dichloroethane	mg/kg	1	0.83	83	61-134	
1,1-Dichloroethene	mg/kg	1	0.91	91	57-135	
1,1-Dichloropropene	mg/kg	1	0.88	88	59-133	
1,2,3-Trichlorobenzene	mg/kg	1	0.90	90	32-150	
1,2,3-Trichloropropane	mg/kg	1	0.89	89	62-130	
1,2,4-Trichlorobenzene	mg/kg	1	0.86	86	38-138	
1,2,4-Trimethylbenzene	mg/kg	1	1.0	100	70-127	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	2.2	89	40-141	
1,2-Dibromoethane (EDB)	mg/kg	1	0.93	93	69-130	
1,2-Dichlorobenzene	mg/kg	1	0.87	87	72-125	
1,2-Dichloroethane	mg/kg	1	0.84	84	62-125	
1,2-Dichloropropane	mg/kg	1	0.86	86	67-126	
1,3,5-Trimethylbenzene	mg/kg	1	0.96	96	71-129	
1,3-Dichlorobenzene	mg/kg	1	0.89	89	72-126	
1,3-Dichloropropane	mg/kg	1	0.88	88	70-125	
1,4-Dichlorobenzene	mg/kg	1	0.85	85	70-126	
2,2-Dichloropropane	mg/kg	1	0.85	85	48-134	
2-Butanone (MEK)	mg/kg	5	4.6	92	38-149	
2-Chlorotoluene	mg/kg	1	0.89	89	71-129	
4-Chlorotoluene	mg/kg	1	0.90	90	72-128	
4-Methyl-2-pentanone (MIBK)	mg/kg	5	5.2	103	52-145	
Acetone	mg/kg	5	4.5	90	65-142	
Allyl chloride	mg/kg	1	0.92	92	54-125	
Benzene	mg/kg	1	0.87	87	64-125	
Bromobenzene	mg/kg	1	0.85	85	70-125	
Bromochloromethane	mg/kg	1	0.89	89	68-125	
Bromodichloromethane	mg/kg	1	0.95	95	67-125	
Bromoform	mg/kg	1	1.0	100	56-127	
Bromomethane	mg/kg	1	0.98	98	34-137	
Carbon tetrachloride	mg/kg	1	0.98	98	58-138	
Chlorobenzene	mg/kg	1	0.87	87	72-125	
Chloroethane	mg/kg	1	0.96	96	39-148	SS
Chloroform	mg/kg	1	0.83	83	67-125	
Chloromethane	mg/kg	1	0.89	89	54-125	
cis-1,2-Dichloroethene	mg/kg	1	0.91	91	67-125	
cis-1,3-Dichloropropene	mg/kg	1	0.89	89	62-127	
Dibromochloromethane	mg/kg	1	0.88	88	67-125	
Dibromomethane	mg/kg	1	0.90	90	63-129	
Dichlorodifluoromethane	mg/kg	1	0.85	85	34-139	
Dichlorofluoromethane	mg/kg	1	0.94	94	36-144	
Diethyl ether (Ethyl ether)	mg/kg	1	0.80	80	51-125	
Ethylbenzene	mg/kg	1	0.93	93	70-129	
Hexachloro-1,3-butadiene	mg/kg	1	0.90	90	48-126	
Isopropylbenzene (Cumene)	mg/kg	1	0.98	98	75-127	
m&p-Xylene	mg/kg	2	1.9	96	73-131	
Methyl-tert-butyl ether	mg/kg	1	0.91	91	61-125	

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150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

LABORATORY CONTROL SAMPLE: 2190947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	mg/kg	1	0.87	87	60-126	
n-Butylbenzene	mg/kg	1	0.82	82	67-125	
n-Propylbenzene	mg/kg	1	0.90	90	72-133	
Naphthalene	mg/kg	1	0.78	78	35-147	
o-Xylene	mg/kg	1	0.94	94	74-127	
p-Isopropyltoluene	mg/kg	1	0.94	94	69-127	
sec-Butylbenzene	mg/kg	1	0.95	95	70-127	
Styrene	mg/kg	1	0.97	97	73-125	
tert-Butylbenzene	mg/kg	1	0.91	91	71-130	
Tetrachloroethene	mg/kg	1	0.89	89	66-135	
Tetrahydrofuran	mg/kg	10	9.2	92	66-145	
Toluene	mg/kg	1	0.88	88	69-125	
trans-1,2-Dichloroethene	mg/kg	1	0.91	91	55-135	
trans-1,3-Dichloropropene	mg/kg	1	1.0	100	67-125	
Trichloroethene	mg/kg	1	0.87	87	62-141	
Trichlorofluoromethane	mg/kg	1	1.6	157	38-150	CH,L1,SS
Vinyl chloride	mg/kg	1	0.93	93	57-131	
Xylene (Total)	mg/kg	3	2.9	95	73-128	
1,2-Dichloroethane-d4 (S)	%.			99	75-129	
4-Bromofluorobenzene (S)	%.			96	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190948 2190949

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	<0.011	1.2	1.1	1.1	0.99	93	89	59-135	8	30	
1,1,1-Trichloroethane	mg/kg	<0.011	1.2	1.1	0.94	0.91	81	82	51-137	3	30	
1,1,2,2-Tetrachloroethane	mg/kg	<0.011	1.2	1.1	0.98	0.90	84	81	40-149	8	30	
1,1,2-Trichloroethane	mg/kg	<0.016	1.2	1.1	1.0	0.96	87	86	54-144	6	30	
1,1,2-Trichlorotrifluoroethane	mg/kg	<0.013	1.2	1.1	0.92	0.91	79	82	41-150	0	30	
1,1-Dichloroethane	mg/kg	<0.011	1.2	1.1	0.88	0.84	76	75	53-131	5	30	
1,1-Dichloroethene	mg/kg	<0.013	1.2	1.1	0.97	0.93	83	83	41-133	5	30	
1,1-Dichloropropene	mg/kg	<0.011	1.2	1.1	0.97	0.93	83	83	50-139	3	30	
1,2,3-Trichlorobenzene	mg/kg	<0.022	1.2	1.1	1.1	1.0	94	91	52-150	8	30	
1,2,3-Trichloropropane	mg/kg	<0.016	1.2	1.1	0.99	0.94	85	84	61-137	5	30	
1,2,4-Trichlorobenzene	mg/kg	<0.010	1.2	1.1	1.1	1.0	92	89	52-142	7	30	
1,2,4-Trimethylbenzene	mg/kg	<0.011	1.2	1.1	1.1	1.1	97	96	56-142	6	30	
1,2-Dibromo-3-chloropropane	mg/kg	<0.044	2.9	2.8	2.5	2.3	88	81	47-143	12	30	
1,2-Dibromoethane (EDB)	mg/kg	<0.0091	1.2	1.1	1.0	0.99	88	88	57-136	4	30	
1,2-Dichlorobenzene	mg/kg	<0.014	1.2	1.1	0.98	0.94	84	84	59-136	4	30	
1,2-Dichloroethane	mg/kg	<0.013	1.2	1.1	0.90	0.87	78	78	52-133	3	30	
1,2-Dichloropropane	mg/kg	<0.012	1.2	1.1	0.92	0.89	79	80	62-129	3	30	
1,3,5-Trimethylbenzene	mg/kg	<0.011	1.2	1.1	1.0	1.0	90	90	54-143	3	30	

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REPORT OF LABORATORY ANALYSIS

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Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190948 2190949

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	mg/kg	<0.014	1.2	1.1	1.0	0.95	87	85	60-137	6	30	
1,3-Dichloropropane	mg/kg	<0.0089	1.2	1.1	0.97	0.92	83	82	57-138	5	30	
1,4-Dichlorobenzene	mg/kg	<0.012	1.2	1.1	0.98	0.92	84	82	51-132	6	30	
2,2-Dichloropropane	mg/kg	<0.023	1.2	1.1	0.92	0.91	79	81	50-134	1	30	
2-Butanone (MEK)	mg/kg	<0.094	5.9	5.6	4.5	4.3	78	77	46-125	6	30	
2-Chlorotoluene	mg/kg	<0.012	1.2	1.1	0.99	0.95	85	85	60-141	4	30	
4-Chlorotoluene	mg/kg	<0.011	1.2	1.1	1.0	0.95	87	85	65-135	6	30	
4-Methyl-2-pentanone (MIBK)	mg/kg	<0.072	5.9	5.6	5.4	4.9	93	89	47-146	9	30	
Acetone	mg/kg	<0.25	5.9	5.6	5.0	4.6	87	83	45-148	8	30	
Allyl chloride	mg/kg	<0.014	1.2	1.1	0.95	0.88	82	79	50-135	7	30	
Benzene	mg/kg	<0.0079	1.2	1.1	0.94	0.90	81	81	41-134	4	30	
Bromobenzene	mg/kg	<0.014	1.2	1.1	0.96	0.93	83	83	59-134	3	30	
Bromochloromethane	mg/kg	<0.011	1.2	1.1	0.95	0.91	82	81	56-127	4	30	
Bromodichloromethane	mg/kg	<0.010	1.2	1.1	0.99	0.95	86	85	55-136	5	30	
Bromoform	mg/kg	<0.013	1.2	1.1	1.1	1.0	93	91	51-139	6	30	
Bromomethane	mg/kg	<0.099	1.2	1.1	1.0	0.90	89	80	35-148	14	30	
Carbon tetrachloride	mg/kg	<0.014	1.2	1.1	1.0	1.0	87	91	50-140	1	30	
Chlorobenzene	mg/kg	<0.0092	1.2	1.1	0.98	0.94	84	84	59-133	4	30	
Chloroethane	mg/kg	<0.027	1.2	1.1	0.89	0.86	77	77	30-150	4	30	SS
Chloroform	mg/kg	<0.0095	1.2	1.1	0.89	0.86	77	77	58-128	3	30	
Chloromethane	mg/kg	<0.011	1.2	1.1	0.84	0.82	72	73	38-125	3	30	
cis-1,2-Dichloroethene	mg/kg	<0.020	1.2	1.1	0.95	0.93	82	83	59-125	3	30	
cis-1,3-Dichloropropene	mg/kg	<0.0059	1.2	1.1	0.97	0.92	84	82	57-133	6	30	
Dibromochloromethane	mg/kg	<0.0088	1.2	1.1	1.0	0.93	86	84	54-141	7	30	
Dibromomethane	mg/kg	<0.013	1.2	1.1	1.0	0.94	86	84	53-134	6	30	
Dichlorodifluoromethane	mg/kg	<0.014	1.2	1.1	0.66	0.65	56	58	30-125	1	30	
Dichlorofluoromethane	mg/kg	<0.053	1.2	1.1	0.96	0.90	83	80	30-150	7	30	
Diethyl ether (Ethyl ether)	mg/kg	<0.018	1.2	1.1	0.90	0.84	77	75	46-137	7	30	
Ethylbenzene	mg/kg	<0.0085	1.2	1.1	1.0	0.99	88	89	56-141	3	30	
Hexachloro-1,3-butadiene	mg/kg	<0.024	1.2	1.1	1.0	0.96	89	86	45-150	7	30	
Isopropylbenzene (Cumene)	mg/kg	<0.010	1.2	1.1	1.1	1.0	97	93	48-141	7	30	
m&p-Xylene	mg/kg	<0.024	2.3	2.2	2.2	2.0	93	90	58-139	7	30	
Methyl-tert-butyl ether	mg/kg	<0.011	1.2	1.1	1.0	0.95	86	85	53-133	6	30	
Methylene Chloride	mg/kg	0.019J	1.2	1.1	0.93	0.91	79	79	42-135	3	30	
n-Butylbenzene	mg/kg	<0.011	1.2	1.1	0.94	0.89	81	79	52-140	6	30	
n-Propylbenzene	mg/kg	<0.012	1.2	1.1	1.0	0.97	86	86	57-142	4	30	
Naphthalene	mg/kg	<0.082	1.2	1.1	0.97	0.90	83	80	41-150	7	30	
o-Xylene	mg/kg	<0.0096	1.2	1.1	1.1	1.0	91	89	53-132	5	30	
p-Isopropyltoluene	mg/kg	<0.0099	1.2	1.1	1.1	1.0	92	91	54-139	5	30	
sec-Butylbenzene	mg/kg	<0.012	1.2	1.1	1.1	1.0	93	92	30-150	5	30	
Styrene	mg/kg	<0.0090	1.2	1.1	1.1	1.1	96	96	53-137	4	30	
tert-Butylbenzene	mg/kg	<0.015	1.2	1.1	1.0	0.99	89	89	59-138	4	30	
Tetrachloroethene	mg/kg	<0.012	1.2	1.1	1.0	0.96	88	86	53-138	6	30	
Tetrahydrofuran	mg/kg	<0.090	11.6	11.2	10.3	9.5	89	85	50-145	8	30	
Toluene	mg/kg	<0.011	1.2	1.1	0.97	0.92	84	83	55-134	5	30	

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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190948 2190949

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	mg/kg	<0.0093	1.2	1.1	0.97	0.95	84	85	44-135	3	30	
trans-1,3-Dichloropropene	mg/kg	<0.022	1.2	1.1	1.1	1.0	94	93	59-139	5	30	
Trichloroethene	mg/kg	<0.014	1.2	1.1	0.97	0.91	84	82	52-143	6	30	
Trichlorofluoromethane	mg/kg	0.74	1.2	1.1	1.7	1.5	81	65	30-150	14	30	CH,SS
Vinyl chloride	mg/kg	<0.010	1.2	1.1	0.88	0.88	76	79	36-127	0	30	
Xylene (Total)	mg/kg	<0.034	3.5	3.4	3.2	3.0	93	90	56-137	7	30	
1,2-Dichloroethane-d4 (S)	%.						96	95	75-129			
4-Bromofluorobenzene (S)	%.						95	97	75-125			
Toluene-d8 (S)	%.						101	99	75-125			

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Billings, MT 59101
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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MSV/34623 Analysis Method: EPA 8260B
QC Batch Method: EPA 5035/5030B Analysis Description: 8260B MSV 5030 Med Level
Associated Lab Samples: 10338253018, 10338253019, 10338253020

METHOD BLANK: 2192278 Matrix: Solid
Associated Lab Samples: 10338253018, 10338253019, 10338253020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.0096	0.050	0.0096	02/16/16 12:33	
1,1,1-Trichloroethane	mg/kg	<0.0097	0.050	0.0097	02/16/16 12:33	
1,1,2,2-Tetrachloroethane	mg/kg	<0.0096	0.050	0.0096	02/16/16 12:33	
1,1,2-Trichloroethane	mg/kg	<0.014	0.050	0.014	02/16/16 12:33	
1,1,2-Trichlorotrifluoroethane	mg/kg	<0.012	0.20	0.012	02/16/16 12:33	
1,1-Dichloroethane	mg/kg	<0.0096	0.050	0.0096	02/16/16 12:33	
1,1-Dichloroethene	mg/kg	<0.011	0.050	0.011	02/16/16 12:33	
1,1-Dichloropropene	mg/kg	<0.010	0.050	0.010	02/16/16 12:33	
1,2,3-Trichlorobenzene	mg/kg	<0.019	0.050	0.019	02/16/16 12:33	
1,2,3-Trichloropropane	mg/kg	<0.014	0.20	0.014	02/16/16 12:33	
1,2,4-Trichlorobenzene	mg/kg	<0.0091	0.050	0.0091	02/16/16 12:33	
1,2,4-Trimethylbenzene	mg/kg	<0.010	0.050	0.010	02/16/16 12:33	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.50	0.039	02/16/16 12:33	
1,2-Dibromoethane (EDB)	mg/kg	<0.0080	0.050	0.0080	02/16/16 12:33	
1,2-Dichlorobenzene	mg/kg	<0.012	0.050	0.012	02/16/16 12:33	
1,2-Dichloroethane	mg/kg	<0.011	0.050	0.011	02/16/16 12:33	
1,2-Dichloropropane	mg/kg	<0.010	0.050	0.010	02/16/16 12:33	
1,3,5-Trimethylbenzene	mg/kg	<0.0097	0.050	0.0097	02/16/16 12:33	
1,3-Dichlorobenzene	mg/kg	<0.012	0.050	0.012	02/16/16 12:33	
1,3-Dichloropropane	mg/kg	<0.0078	0.050	0.0078	02/16/16 12:33	
1,4-Dichlorobenzene	mg/kg	<0.011	0.050	0.011	02/16/16 12:33	
2,2-Dichloropropane	mg/kg	<0.020	0.20	0.020	02/16/16 12:33	
2-Butanone (MEK)	mg/kg	<0.083	0.25	0.083	02/16/16 12:33	
2-Chlorotoluene	mg/kg	<0.010	0.050	0.010	02/16/16 12:33	
4-Chlorotoluene	mg/kg	<0.0094	0.050	0.0094	02/16/16 12:33	
4-Methyl-2-pentanone (MIBK)	mg/kg	<0.064	0.25	0.064	02/16/16 12:33	
Acetone	mg/kg	<0.22	1.0	0.22	02/16/16 12:33	
Allyl chloride	mg/kg	<0.012	0.20	0.012	02/16/16 12:33	
Benzene	mg/kg	<0.0070	0.020	0.0070	02/16/16 12:33	
Bromobenzene	mg/kg	<0.012	0.050	0.012	02/16/16 12:33	
Bromochloromethane	mg/kg	<0.0096	0.050	0.0096	02/16/16 12:33	
Bromodichloromethane	mg/kg	<0.0089	0.050	0.0089	02/16/16 12:33	
Bromoform	mg/kg	<0.012	0.20	0.012	02/16/16 12:33	
Bromomethane	mg/kg	<0.088	0.50	0.088	02/16/16 12:33	
Carbon tetrachloride	mg/kg	<0.012	0.050	0.012	02/16/16 12:33	
Chlorobenzene	mg/kg	<0.0081	0.050	0.0081	02/16/16 12:33	
Chloroethane	mg/kg	<0.024	0.50	0.024	02/16/16 12:33	
Chloroform	mg/kg	<0.0084	0.050	0.0084	02/16/16 12:33	
Chloromethane	mg/kg	<0.010	0.20	0.010	02/16/16 12:33	
cis-1,2-Dichloroethene	mg/kg	<0.018	0.050	0.018	02/16/16 12:33	
cis-1,3-Dichloropropene	mg/kg	<0.0052	0.050	0.0052	02/16/16 12:33	

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150 N Ninth Street
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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

METHOD BLANK: 2192278 Matrix: Solid
Associated Lab Samples: 10338253018, 10338253019, 10338253020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	mg/kg	<0.0077	0.20	0.0077	02/16/16 12:33	
Dibromomethane	mg/kg	<0.012	0.050	0.012	02/16/16 12:33	
Dichlorodifluoromethane	mg/kg	<0.012	0.20	0.012	02/16/16 12:33	
Dichlorofluoromethane	mg/kg	<0.047	0.50	0.047	02/16/16 12:33	
Diethyl ether (Ethyl ether)	mg/kg	<0.016	0.20	0.016	02/16/16 12:33	
Ethylbenzene	mg/kg	<0.0075	0.050	0.0075	02/16/16 12:33	
Hexachloro-1,3-butadiene	mg/kg	<0.021	0.25	0.021	02/16/16 12:33	
Isopropylbenzene (Cumene)	mg/kg	<0.0091	0.050	0.0091	02/16/16 12:33	
m&p-Xylene	mg/kg	<0.021	0.10	0.021	02/16/16 12:33	
Methyl-tert-butyl ether	mg/kg	<0.0094	0.050	0.0094	02/16/16 12:33	
Methylene Chloride	mg/kg	<0.015	0.20	0.015	02/16/16 12:33	
n-Butylbenzene	mg/kg	<0.0094	0.20	0.0094	02/16/16 12:33	
n-Propylbenzene	mg/kg	<0.011	0.050	0.011	02/16/16 12:33	
Naphthalene	mg/kg	<0.072	0.20	0.072	02/16/16 12:33	
o-Xylene	mg/kg	<0.0085	0.050	0.0085	02/16/16 12:33	
p-Isopropyltoluene	mg/kg	<0.0087	0.050	0.0087	02/16/16 12:33	
sec-Butylbenzene	mg/kg	<0.010	0.050	0.010	02/16/16 12:33	
Styrene	mg/kg	<0.0079	0.050	0.0079	02/16/16 12:33	
tert-Butylbenzene	mg/kg	<0.013	0.050	0.013	02/16/16 12:33	
Tetrachloroethene	mg/kg	<0.010	0.050	0.010	02/16/16 12:33	
Tetrahydrofuran	mg/kg	<0.079	2.0	0.079	02/16/16 12:33	
Toluene	mg/kg	<0.0096	0.050	0.0096	02/16/16 12:33	
trans-1,2-Dichloroethene	mg/kg	<0.0082	0.050	0.0082	02/16/16 12:33	
trans-1,3-Dichloropropene	mg/kg	<0.019	0.050	0.019	02/16/16 12:33	
Trichloroethene	mg/kg	<0.012	0.050	0.012	02/16/16 12:33	
Trichlorofluoromethane	mg/kg	<0.035	0.50	0.035	02/16/16 12:33	
Vinyl chloride	mg/kg	<0.0090	0.020	0.0090	02/16/16 12:33	
Xylene (Total)	mg/kg	<0.030	0.15	0.030	02/16/16 12:33	
1,2-Dichloroethane-d4 (S)	%.	107	75-129		02/16/16 12:33	
4-Bromofluorobenzene (S)	%.	100	75-125		02/16/16 12:33	
Toluene-d8 (S)	%.	98	75-125		02/16/16 12:33	

LABORATORY CONTROL SAMPLE: 2192279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	1	0.86	86	71-127	
1,1,1-Trichloroethane	mg/kg	1	0.85	85	64-132	
1,1,2,2-Tetrachloroethane	mg/kg	1	0.83	83	50-138	
1,1,2-Trichloroethane	mg/kg	1	0.86	86	69-126	
1,1,2-Trichlorotrifluoroethane	mg/kg	1	0.89	89	53-144	
1,1-Dichloroethane	mg/kg	1	0.81	81	61-134	
1,1-Dichloroethene	mg/kg	1	0.92	92	57-135	
1,1-Dichloropropene	mg/kg	1	0.89	89	59-133	
1,2,3-Trichlorobenzene	mg/kg	1	0.82	82	32-150	

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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

LABORATORY CONTROL SAMPLE: 2192279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	mg/kg	1	0.84	84	62-130	
1,2,4-Trichlorobenzene	mg/kg	1	0.80	80	38-138	
1,2,4-Trimethylbenzene	mg/kg	1	0.93	93	70-127	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	1.9	75	40-141	
1,2-Dibromoethane (EDB)	mg/kg	1	0.87	87	69-130	
1,2-Dichlorobenzene	mg/kg	1	0.81	81	72-125	
1,2-Dichloroethane	mg/kg	1	0.87	87	62-125	
1,2-Dichloropropane	mg/kg	1	0.83	83	67-126	
1,3,5-Trimethylbenzene	mg/kg	1	0.87	87	71-129	
1,3-Dichlorobenzene	mg/kg	1	0.82	82	72-126	
1,3-Dichloropropane	mg/kg	1	0.84	84	70-125	
1,4-Dichlorobenzene	mg/kg	1	0.80	80	70-126	
2,2-Dichloropropane	mg/kg	1	0.80	80	48-134	
2-Butanone (MEK)	mg/kg	5	4.5	91	38-149	
2-Chlorotoluene	mg/kg	1	0.84	84	71-129	
4-Chlorotoluene	mg/kg	1	0.85	85	72-128	
4-Methyl-2-pentanone (MIBK)	mg/kg	5	4.8	96	52-145	
Acetone	mg/kg	5	4.1	83	65-142	
Allyl chloride	mg/kg	1	0.87	87	54-125	
Benzene	mg/kg	1	0.88	88	64-125	
Bromobenzene	mg/kg	1	0.81	81	70-125	
Bromochloromethane	mg/kg	1	0.89	89	68-125	
Bromodichloromethane	mg/kg	1	0.84	84	67-125	
Bromoform	mg/kg	1	0.82	82	56-127	
Bromomethane	mg/kg	1	1.0	102	34-137	
Carbon tetrachloride	mg/kg	1	0.87	87	58-138	
Chlorobenzene	mg/kg	1	0.83	83	72-125	
Chloroethane	mg/kg	1	0.95	95	39-148	
Chloroform	mg/kg	1	0.83	83	67-125	
Chloromethane	mg/kg	1	0.99	99	54-125	
cis-1,2-Dichloroethene	mg/kg	1	0.90	90	67-125	
cis-1,3-Dichloropropene	mg/kg	1	0.84	84	62-127	
Dibromochloromethane	mg/kg	1	0.75	75	67-125	
Dibromomethane	mg/kg	1	0.88	88	63-129	
Dichlorodifluoromethane	mg/kg	1	0.96	96	34-139	
Dichlorofluoromethane	mg/kg	1	1.0	102	36-144	
Diethyl ether (Ethyl ether)	mg/kg	1	0.85	85	51-125	
Ethylbenzene	mg/kg	1	0.87	87	70-129	
Hexachloro-1,3-butadiene	mg/kg	1	0.81	81	48-126	
Isopropylbenzene (Cumene)	mg/kg	1	0.91	91	75-127	
m&p-Xylene	mg/kg	2	1.8	91	73-131	
Methyl-tert-butyl ether	mg/kg	1	0.90	90	61-125	
Methylene Chloride	mg/kg	1	0.90	90	60-126	
n-Butylbenzene	mg/kg	1	0.77	77	67-125	
n-Propylbenzene	mg/kg	1	0.84	84	72-133	
Naphthalene	mg/kg	1	0.74	74	35-147	
o-Xylene	mg/kg	1	0.87	87	74-127	

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(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

LABORATORY CONTROL SAMPLE: 2192279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	mg/kg	1	0.87	87	69-127	
sec-Butylbenzene	mg/kg	1	0.88	88	70-127	
Styrene	mg/kg	1	0.94	94	73-125	
tert-Butylbenzene	mg/kg	1	0.85	85	71-130	
Tetrachloroethene	mg/kg	1	0.85	85	66-135	
Tetrahydrofuran	mg/kg	10	8.9	89	66-145	
Toluene	mg/kg	1	0.84	84	69-125	
trans-1,2-Dichloroethene	mg/kg	1	0.90	90	55-135	
trans-1,3-Dichloropropene	mg/kg	1	0.91	91	67-125	
Trichloroethene	mg/kg	1	0.85	85	62-141	
Trichlorofluoromethane	mg/kg	1	1.3	130	38-150	CH,SS
Vinyl chloride	mg/kg	1	1.0	105	57-131	
Xylene (Total)	mg/kg	3	2.7	90	73-128	
1,2-Dichloroethane-d4 (S)	%.			104	75-129	
4-Bromofluorobenzene (S)	%.			96	75-125	
Toluene-d8 (S)	%.			98	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192281 2192280

Parameter	Units	10338328012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	<10.6 ug/kg	1.1	1.1	1.2	1.2	107	109	59-135	3	30	
1,1,1-Trichloroethane	mg/kg	<10.7 ug/kg	1.1	1.1	1.2	1.2	108	105	51-137	2	30	
1,1,2,2-Tetrachloroethane	mg/kg	<10.5 ug/kg	1.1	1.1	1.1	1.2	101	105	40-149	4	30	
1,1,2-Trichloroethane	mg/kg	<15.1 ug/kg	1.1	1.1	1.1	1.2	104	106	54-144	3	30	
1,1,2-Trichlorotrifluoroethane	mg/kg	<13.0 ug/kg	1.1	1.1	1.2	1.2	112	106	41-150	5	30	
1,1-Dichloroethane	mg/kg	<10.5 ug/kg	1.1	1.1	1.1	1.1	103	98	53-131	3	30	
1,1-Dichloroethene	mg/kg	<12.6 ug/kg	1.1	1.1	1.2	1.2	113	111	41-133	0	30	
1,1-Dichloropropene	mg/kg	<11.0 ug/kg	1.1	1.1	1.2	1.2	113	108	50-139	2	30	
1,2,3-Trichlorobenzene	mg/kg	<21.4 ug/kg	1.1	1.1	1.2	1.3	112	116	52-150	6	30	
1,2,3-Trichloropropane	mg/kg	<15.2 ug/kg	1.1	1.1	1.1	1.2	102	107	61-137	6	30	
1,2,4-Trichlorobenzene	mg/kg	<10.0 ug/kg	1.1	1.1	1.2	1.2	106	111	52-142	6	30	
1,2,4-Trimethylbenzene	mg/kg	<11.0 ug/kg	1.1	1.1	1.3	1.3	119	116	56-142	1	30	
1,2-Dibromo-3-chloropropane	mg/kg	<42.6 ug/kg	2.7	2.8	2.6	3.0	93	106	47-143	14	30	
1,2-Dibromoethane (EDB)	mg/kg	<8.9 ug/kg	1.1	1.1	1.2	1.2	106	112	57-136	7	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192281 2192280

Parameter	Units	10338328012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene	mg/kg	<13.3 ug/kg	1.1	1.1	1.1	1.1	103	103	59-136	2	30	
1,2-Dichloroethane	mg/kg	<12.3 ug/kg	1.1	1.1	1.2	1.2	108	104	52-133	3	30	
1,2-Dichloropropane	mg/kg	<11.2 ug/kg	1.1	1.1	1.1	1.1	105	101	62-129	2	30	
1,3,5-Trimethylbenzene	mg/kg	<10.7 ug/kg	1.1	1.1	1.2	1.2	112	110	54-143	0	30	
1,3-Dichlorobenzene	mg/kg	<13.4 ug/kg	1.1	1.1	1.1	1.2	104	106	60-137	3	30	
1,3-Dichloropropane	mg/kg	<8.6 ug/kg	1.1	1.1	1.1	1.2	104	106	57-138	3	30	
1,4-Dichlorobenzene	mg/kg	<11.7 ug/kg	1.1	1.1	1.1	1.1	102	101	51-132	0	30	
2,2-Dichloropropane	mg/kg	<22.3 ug/kg	1.1	1.1	1.2	1.1	106	101	50-134	4	30	
2-Butanone (MEK)	mg/kg	<91.5 ug/kg	5.5	5.5	5.7	6.1	103	110	46-125	8	30	
2-Chlorotoluene	mg/kg	<11.3 ug/kg	1.1	1.1	1.2	1.1	105	103	60-141	1	30	
4-Chlorotoluene	mg/kg	<10.3 ug/kg	1.1	1.1	1.2	1.2	109	105	65-135	2	30	
4-Methyl-2-pentanone (MIBK)	mg/kg	<70.1 ug/kg	5.5	5.5	6.1	6.6	111	119	47-146	8	30	
Acetone	mg/kg	<247 ug/kg	5.5	5.5	5.6	5.6	102	101	45-148	0	30	
Allyl chloride	mg/kg	<13.4 ug/kg	1.1	1.1	1.1	1.1	103	101	50-135	1	30	
Benzene	mg/kg	<7.7 ug/kg	1.1	1.1	1.2	1.2	109	105	41-134	2	30	
Bromobenzene	mg/kg	<13.3 ug/kg	1.1	1.1	1.1	1.2	101	105	59-134	5	30	
Bromochloromethane	mg/kg	<10.6 ug/kg	1.1	1.1	1.2	1.2	110	108	56-127	1	30	
Bromodichloromethane	mg/kg	<9.8 ug/kg	1.1	1.1	1.2	1.2	107	106	55-136	1	30	
Bromoform	mg/kg	<13.1 ug/kg	1.1	1.1	1.1	1.1	98	103	51-139	6	30	
Bromomethane	mg/kg	<96.7 ug/kg	1.1	1.1	1.3	1.2	118	109	35-148	7	30	
Carbon tetrachloride	mg/kg	<13.3 ug/kg	1.1	1.1	1.3	1.2	116	112	50-140	2	30	
Chlorobenzene	mg/kg	<8.9 ug/kg	1.1	1.1	1.1	1.1	103	103	59-133	1	30	
Chloroethane	mg/kg	<26.3 ug/kg	1.1	1.1	1.3	1.2	114	105	30-150	7	30	SS
Chloroform	mg/kg	<9.2 ug/kg	1.1	1.1	1.2	1.1	104	101	58-128	2	30	
Chloromethane	mg/kg	<11.1 ug/kg	1.1	1.1	1.2	1.1	110	103	38-125	5	30	
cis-1,2-Dichloroethene	mg/kg	<19.6 ug/kg	1.1	1.1	1.2	1.2	111	111	59-125	1	30	
cis-1,3-Dichloropropene	mg/kg	<5.7 ug/kg	1.1	1.1	1.1	1.1	104	103	57-133	1	30	
Dibromochloromethane	mg/kg	<8.5 ug/kg	1.1	1.1	1.0	1.1	95	96	54-141	2	30	
Dibromomethane	mg/kg	<13.0 ug/kg	1.1	1.1	1.1	1.2	104	110	53-134	6	30	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192281 2192280

Parameter	Units	10338328012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	mg/kg	<13.6 ug/kg	1.1	1.1	1.0	1.0	94	93	30-125	1	30	
Dichlorofluoromethane	mg/kg	<51.8 ug/kg	1.1	1.1	1.3	1.2	117	104	30-150	10	30	
Diethyl ether (Ethyl ether)	mg/kg	<18.0 ug/kg	1.1	1.1	1.2	1.2	106	105	46-137	0	30	
Ethylbenzene	mg/kg	<8.2 ug/kg	1.1	1.1	1.2	1.2	109	107	56-141	0	30	
Hexachloro-1,3-butadiene	mg/kg	<23.5 ug/kg	1.1	1.1	1.1	1.2	103	107	45-150	5	30	
Isopropylbenzene (Cumene)	mg/kg	<10.0 ug/kg	1.1	1.1	1.3	1.3	117	116	48-141	0	30	
m&p-Xylene	mg/kg	<23.6 ug/kg	2.1	2.3	2.5	2.5	113	113	58-139	2	30	
Methyl-tert-butyl ether	mg/kg	<10.3 ug/kg	1.1	1.1	1.2	1.3	114	115	53-133	3	30	
Methylene Chloride	mg/kg	<16.4 ug/kg	1.1	1.1	1.2	1.2	108	105	42-135	2	30	
n-Butylbenzene	mg/kg	<10.4 ug/kg	1.1	1.1	1.1	1.1	100	97	52-140	2	30	
n-Propylbenzene	mg/kg	<11.8 ug/kg	1.1	1.1	1.2	1.1	108	103	57-142	4	30	
Naphthalene	mg/kg	<79.4 ug/kg	1.1	1.1	1.1	1.2	99	107	41-150	9	30	
o-Xylene	mg/kg	<9.3 ug/kg	1.1	1.1	1.2	1.3	111	113	53-132	3	30	
p-Isopropyltoluene	mg/kg	<9.6 ug/kg	1.1	1.1	1.3	1.2	114	110	54-139	2	30	
sec-Butylbenzene	mg/kg	<11.2 ug/kg	1.1	1.1	1.3	1.2	116	112	30-150	2	30	
Styrene	mg/kg	<8.7 ug/kg	1.1	1.1	1.3	1.3	118	118	53-137	1	30	
tert-Butylbenzene	mg/kg	<14.8 ug/kg	1.1	1.1	1.2	1.2	109	107	59-138	1	30	
Tetrachloroethene	mg/kg	<11.3 ug/kg	1.1	1.1	1.1	1.2	104	105	53-138	2	30	
Tetrahydrofuran	mg/kg	<87.2 ug/kg	11	11.1	12.0	12.1	110	109	50-145	1	30	
Toluene	mg/kg	<10.6 ug/kg	1.1	1.1	1.2	1.2	105	104	55-134	0	30	
trans-1,2-Dichloroethene	mg/kg	<9.0 ug/kg	1.1	1.1	1.2	1.2	112	109	44-135	1	30	
trans-1,3-Dichloropropene	mg/kg	<21.4 ug/kg	1.1	1.1	1.3	1.3	116	117	59-139	2	30	
Trichloroethene	mg/kg	<13.3 ug/kg	1.1	1.1	1.1	1.2	103	104	52-143	3	30	
Trichlorofluoromethane	mg/kg	<38.1 ug/kg	1.1	1.1	1.7	1.2	159	105	30-150	39	30	CH, M1, R1,SS
Vinyl chloride	mg/kg	<9.9 ug/kg	1.1	1.1	1.2	1.2	113	107	36-127	4	30	
Xylene (Total)	mg/kg	<33.0 ug/kg	3.3	3.4	3.7	3.8	112	113	56-137	2	30	
1,2-Dichloroethane-d4 (S)	%.						106	100	75-129			
4-Bromofluorobenzene (S)	%.						97	96	75-125			
Toluene-d8 (S)	%.						101	98	75-125			

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MT/22476 | Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10338253001, 10338253002, 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

SAMPLE DUPLICATE: 2190547

Parameter	Units	10338253001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.5	16.7	10	30	

SAMPLE DUPLICATE: 2190548

Parameter	Units	10338253009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.8	15.3	3	30	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MT/22475 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: MADEP VPH MA Soil
Associated Lab Samples: 10338253001, 10338253002, 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

METHOD BLANK: 2190453 Matrix: Solid
Associated Lab Samples: 10338253001, 10338253002, 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08),Unadjusted	mg/kg	<0.28	5.0	0.28	02/16/16 13:53	N2
Aliphatic (C09-C12),Unadjusted	mg/kg	<0.84	5.0	0.84	02/16/16 13:53	N2
Aromatic (C09-C10)	mg/kg	<0.0050	1.0	0.0050	02/16/16 13:53	N2
Benzene	mg/kg	<0.0028	0.025	0.0028	02/16/16 13:53	N2
Ethylbenzene	mg/kg	<0.0037	0.050	0.0037	02/16/16 13:53	N2
m&p-Xylene	mg/kg	<0.025	0.10	0.025	02/16/16 13:53	N2
Methyl-tert-butyl ether	mg/kg	<0.020	0.050	0.020	02/16/16 13:53	N2
Naphthalene	mg/kg	0.028J	0.60	0.019	02/16/16 13:53	N2
o-Xylene	mg/kg	<0.0061	0.10	0.0061	02/16/16 13:53	N2
Toluene	mg/kg	<0.0044	0.050	0.0044	02/16/16 13:53	N2
Total Purgeable Hydro Carbons	mg/kg	<0.36	10	0.36	02/16/16 13:53	N2
Xylene (Total)	mg/kg	<0.032	0.20	0.032	02/16/16 13:53	N2
a,a,a-Trifluorotoluene (S)	%.	100	70-130		02/16/16 13:53	

LABORATORY CONTROL SAMPLE & LCSD: 2190454 2190455

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08),Unadjusted	mg/kg	28.8	30.2	33.1	105	115	70-130	9	25	N2
Aliphatic (C09-C12),Unadjusted	mg/kg	28.8	29.7	31.8	103	111	70-130	7	25	N2
Aromatic (C09-C10)	mg/kg	4.8	4.4	4.7	93	99	70-130	6	25	N2
Benzene	mg/kg	4.8	4.3	4.5	89	95	70-130	6	25	N2
Ethylbenzene	mg/kg	4.8	4.6	4.9	95	102	70-130	6	25	N2
m&p-Xylene	mg/kg	9.6	8.9	9.6	93	100	70-130	7	25	N2
Methyl-tert-butyl ether	mg/kg	4.8	4.0	4.3	83	90	70-130	7	25	N2
Naphthalene	mg/kg	4.8	3.8	4.3	80	89	70-130	10	25	N2
o-Xylene	mg/kg	4.8	4.4	4.7	91	97	70-130	6	25	N2
Toluene	mg/kg	4.8	4.3	4.6	89	96	70-130	7	25	N2
Total Purgeable Hydro Carbons	mg/kg	62.3	64.1	69.5	103	112	70-130	8	25	N2
Xylene (Total)	mg/kg	14.4	13.3	14.2	92	99	70-130	7	25	N2
a,a,a-Trifluorotoluene (S)	%.				118	102	70-130			

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2190456 2190457

Parameter	Units	10338253001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aliphatic (C05-C08),Unadjusted	mg/kg	<0.31	36.7	36.3	32.3	33.4	88	92	70-130	3	30	N2
Aliphatic (C09-C12),Unadjusted	mg/kg	<0.93	36.7	36.3	31.7	34.3	86	94	70-130	8	30	N2
Aromatic (C09-C10)	mg/kg	<0.0055	6.1	6	4.5	5.1	74	83	70-130	11	30	N2
Benzene	mg/kg	<0.0031	6.1	6	4.7	4.9	77	82	70-130	5	30	N2
Ethylbenzene	mg/kg	<0.0041	6.1	6	5.1	5.4	83	89	70-130	5	30	N2
m&p-Xylene	mg/kg	<0.028	12.3	12.1	9.5	10.4	78	86	70-130	8	30	N2
Methyl-tert-butyl ether	mg/kg	<0.022	6.1	6	4.8	5.0	78	83	70-130	5	30	N2
Naphthalene	mg/kg	0.036J	6.1	6	2.1	3.5	34	57	70-130	50	30	M1,N2,R1
o-Xylene	mg/kg	<0.0067	6.1	6	4.5	5.0	74	83	70-130	11	30	N2
Toluene	mg/kg	<0.0049	6.1	6	4.6	5.0	75	82	70-130	8	30	N2
Total Purgeable Hydro Carbons	mg/kg	<0.40	79.4	78.7	67.1	72.0	84	92	70-130	7	30	N2
Xylene (Total)	mg/kg	<0.035	18.3	18.2	14.1	15.4	77	85	70-130	9	30	N2
a,a,a-Trifluorotoluene (S)	%.						86	88	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MTPR/4030 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH MA Soil
Associated Lab Samples: 10338253001, 10338253002, 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253017, 10338253018

METHOD BLANK: 2192244 Matrix: Solid
Associated Lab Samples: 10338253001, 10338253002, 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253017, 10338253018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Extractable Hydrocarbons	mg/kg	<1.9	10	1.9	02/18/16 11:07	N2
1-Chloro-octadecane (S)	%.	78	40-140		02/18/16 11:07	

LABORATORY CONTROL SAMPLE & LCSD: 2192245 2192246

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Total Extractable Hydrocarbons	mg/kg	103	102	89.2	98	86	40-140	13	50	N2
1-Chloro-octadecane (S)	%.				87	76	40-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192247 2192248

Parameter	Units	10338253001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Extractable Hydrocarbons	mg/kg	3.5J	126	126	104	87.0	80	66	40-140	18	50	N2
1-Chloro-octadecane (S)	%.						82	68	40-140			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: MTPR/4032 | Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH | Analysis Description: MADEP EPH MA Soil
Associated Lab Samples: 10338253016

METHOD BLANK: 2193090 | Matrix: Solid
Associated Lab Samples: 10338253016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Extractable Hydrocarbons	mg/kg	<1.9	10	1.9	02/19/16 12:10	N2
1-Chloro-octadecane (S)	%.	73	40-140		02/19/16 12:10	

LABORATORY CONTROL SAMPLE & LCSD: 2193091 2193092

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Total Extractable Hydrocarbons	mg/kg	103	84.3	93.4	82	91	40-140	10	50	N2
1-Chloro-octadecane (S)	%.				75	78	40-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2193093 2193094

Parameter	Units	10338253016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Extractable Hydrocarbons	mg/kg	<2.5	133	147	116	108	86	72	40-140	7	50	N2
1-Chloro-octadecane (S)	%.						76	64	40-140			

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

QC Batch: OEXT/32559 Analysis Method: EPA 8270D
QC Batch Method: EPA 3550 Analysis Description: 8270D Solid MSSV
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

METHOD BLANK: 2192997 Matrix: Solid
Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	<0.054	0.33	0.054	02/19/16 08:24	
1,2-Dichlorobenzene	mg/kg	<0.021	0.33	0.021	02/19/16 08:24	
1,2-Diphenylhydrazine	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
1,3-Dichlorobenzene	mg/kg	<0.021	0.33	0.021	02/19/16 08:24	
1,4-Dichlorobenzene	mg/kg	<0.022	0.33	0.022	02/19/16 08:24	
1-Methylnaphthalene	mg/kg	<0.057	0.33	0.057	02/19/16 08:24	
2,4,5-Trichlorophenol	mg/kg	<0.039	0.33	0.039	02/19/16 08:24	
2,4,6-Trichlorophenol	mg/kg	<0.042	0.33	0.042	02/19/16 08:24	
2,4-Dichlorophenol	mg/kg	<0.062	0.33	0.062	02/19/16 08:24	
2,4-Dimethylphenol	mg/kg	<0.062	0.33	0.062	02/19/16 08:24	
2,4-Dinitrophenol	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
2,4-Dinitrotoluene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
2,6-Dinitrotoluene	mg/kg	<0.028	0.33	0.028	02/19/16 08:24	
2-Chloronaphthalene	mg/kg	<0.052	0.33	0.052	02/19/16 08:24	
2-Chlorophenol	mg/kg	<0.077	0.33	0.077	02/19/16 08:24	
2-Methylnaphthalene	mg/kg	<0.059	0.33	0.059	02/19/16 08:24	
2-Methylphenol(o-Cresol)	mg/kg	<0.071	0.33	0.071	02/19/16 08:24	
2-Nitroaniline	mg/kg	<0.036	0.33	0.036	02/19/16 08:24	
2-Nitrophenol	mg/kg	<0.056	0.33	0.056	02/19/16 08:24	
3&4-Methylphenol(m&p Cresol)	mg/kg	<0.066	0.66	0.066	02/19/16 08:24	
3,3'-Dichlorobenzidine	mg/kg	<0.046	0.33	0.046	02/19/16 08:24	
3-Nitroaniline	mg/kg	<0.034	0.33	0.034	02/19/16 08:24	
4,6-Dinitro-2-methylphenol	mg/kg	<0.066	1.7	0.066	02/19/16 08:24	
4-Bromophenylphenyl ether	mg/kg	<0.035	0.33	0.035	02/19/16 08:24	
4-Chloro-3-methylphenol	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
4-Chloroaniline	mg/kg	<0.051	0.33	0.051	02/19/16 08:24	
4-Chlorophenylphenyl ether	mg/kg	<0.038	0.33	0.038	02/19/16 08:24	
4-Nitroaniline	mg/kg	<0.029	0.33	0.029	02/19/16 08:24	
4-Nitrophenol	mg/kg	<0.035	0.33	0.035	02/19/16 08:24	
Acenaphthene	mg/kg	<0.038	0.33	0.038	02/19/16 08:24	
Acenaphthylene	mg/kg	<0.043	0.33	0.043	02/19/16 08:24	
Anthracene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Benzo(a)anthracene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Benzo(a)pyrene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Benzo(b)fluoranthene	mg/kg	<0.042	0.33	0.042	02/19/16 08:24	
Benzo(g,h,i)perylene	mg/kg	<0.040	0.33	0.040	02/19/16 08:24	
Benzo(k)fluoranthene	mg/kg	<0.042	0.33	0.042	02/19/16 08:24	
bis(2-Chloroethoxy)methane	mg/kg	<0.064	0.33	0.064	02/19/16 08:24	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

METHOD BLANK: 2192997 Matrix: Solid

Associated Lab Samples: 10338253003, 10338253004, 10338253005, 10338253006, 10338253007, 10338253008, 10338253009, 10338253010, 10338253011, 10338253012, 10338253013, 10338253014, 10338253015, 10338253016, 10338253017, 10338253018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	mg/kg	<0.023	0.33	0.023	02/19/16 08:24	
bis(2-Chloroisopropyl) ether	mg/kg	<0.076	0.33	0.076	02/19/16 08:24	
bis(2-Ethylhexyl)phthalate	mg/kg	<0.056	0.33	0.056	02/19/16 08:24	
Butylbenzylphthalate	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Carbazole	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Chrysene	mg/kg	<0.044	0.33	0.044	02/19/16 08:24	
Di-n-butylphthalate	mg/kg	<0.046	0.33	0.046	02/19/16 08:24	
Di-n-octylphthalate	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Dibenz(a,h)anthracene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Dibenzofuran	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Diethylphthalate	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Dimethylphthalate	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Fluoranthene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Fluorene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Hexachloro-1,3-butadiene	mg/kg	<0.028	0.33	0.028	02/19/16 08:24	
Hexachlorobenzene	mg/kg	<0.043	0.33	0.043	02/19/16 08:24	
Hexachloroethane	mg/kg	<0.021	0.33	0.021	02/19/16 08:24	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Isophorone	mg/kg	<0.053	0.33	0.053	02/19/16 08:24	
N-Nitroso-di-n-propylamine	mg/kg	<0.045	0.33	0.045	02/19/16 08:24	
N-Nitrosodimethylamine	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
N-Nitrosodiphenylamine	mg/kg	<0.16	0.33	0.16	02/19/16 08:24	
Naphthalene	mg/kg	<0.062	0.33	0.062	02/19/16 08:24	
Nitrobenzene	mg/kg	<0.067	0.33	0.067	02/19/16 08:24	
Pentachlorophenol	mg/kg	<0.16	0.67	0.16	02/19/16 08:24	
Phenanthrene	mg/kg	<0.047	0.33	0.047	02/19/16 08:24	
Phenol	mg/kg	<0.072	0.33	0.072	02/19/16 08:24	
Pyrene	mg/kg	<0.042	0.33	0.042	02/19/16 08:24	
2,4,6-Tribromophenol (S)	%.	73	30-141		02/19/16 08:24	
2-Fluorobiphenyl (S)	%.	75	30-130		02/19/16 08:24	
2-Fluorophenol (S)	%.	74	30-125		02/19/16 08:24	
Nitrobenzene-d5 (S)	%.	74	30-125		02/19/16 08:24	
p-Terphenyl-d14 (S)	%.	93	30-148		02/19/16 08:24	
Phenol-d6 (S)	%.	73	30-125		02/19/16 08:24	

LABORATORY CONTROL SAMPLE: 2192998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	1.7	1.3	80	36-125	
1,2-Dichlorobenzene	mg/kg	1.7	1.3	78	30-125	
1,2-Diphenylhydrazine	mg/kg	1.7	1.5	88	50-125	
1,3-Dichlorobenzene	mg/kg	1.7	1.3	77	30-125	

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QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

LABORATORY CONTROL SAMPLE: 2192998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/kg	1.7	1.3	78	30-125	
1-Methylnaphthalene	mg/kg	1.7	1.4	83	46-125	
2,4,5-Trichlorophenol	mg/kg	1.7	1.4	85	52-125	
2,4,6-Trichlorophenol	mg/kg	1.7	1.4	82	52-125	
2,4-Dichlorophenol	mg/kg	1.7	1.4	83	48-125	
2,4-Dimethylphenol	mg/kg	1.7	1.4	84	41-125	
2,4-Dinitrophenol	mg/kg	1.7	0.75	45	30-125	3M
2,4-Dinitrotoluene	mg/kg	1.7	1.4	87	56-125	
2,6-Dinitrotoluene	mg/kg	1.7	1.4	86	57-125	
2-Chloronaphthalene	mg/kg	1.7	1.4	83	52-125	
2-Chlorophenol	mg/kg	1.7	1.3	80	37-125	
2-Methylnaphthalene	mg/kg	1.7	1.4	81	45-125	
2-Methylphenol(o-Cresol)	mg/kg	1.7	1.3	80	42-125	
2-Nitroaniline	mg/kg	1.7	1.5	89	52-125	
2-Nitrophenol	mg/kg	1.7	1.3	81	39-125	
3&4-Methylphenol(m&p Cresol)	mg/kg	1.7	1.4	82	44-125	
3,3'-Dichlorobenzidine	mg/kg	1.7	1.2	70	30-125	
3-Nitroaniline	mg/kg	1.7	1.2	74	39-125	
4,6-Dinitro-2-methylphenol	mg/kg	1.7	1.0J	62	30-128	
4-Bromophenylphenyl ether	mg/kg	1.7	1.5	89	59-125	
4-Chloro-3-methylphenol	mg/kg	1.7	1.4	87	52-125	
4-Chloroaniline	mg/kg	1.7	0.92	55	30-125	
4-Chlorophenylphenyl ether	mg/kg	1.7	1.4	86	56-125	
4-Nitroaniline	mg/kg	1.7	1.4	82	49-125	
4-Nitrophenol	mg/kg	1.7	1.3	81	42-125	
Acenaphthene	mg/kg	1.7	1.4	82	53-125	
Acenaphthylene	mg/kg	1.7	1.4	85	54-125	
Anthracene	mg/kg	1.7	1.5	91	59-125	
Benzo(a)anthracene	mg/kg	1.7	1.5	91	59-125	
Benzo(a)pyrene	mg/kg	1.7	1.5	90	58-125	
Benzo(b)fluoranthene	mg/kg	1.7	1.5	90	59-125	
Benzo(g,h,i)perylene	mg/kg	1.7	1.5	87	59-125	
Benzo(k)fluoranthene	mg/kg	1.7	1.5	91	59-125	
bis(2-Chloroethoxy)methane	mg/kg	1.7	1.3	81	41-125	
bis(2-Chloroethyl) ether	mg/kg	1.7	1.3	79	30-125	
bis(2-Chloroisopropyl) ether	mg/kg	1.7	1.4	83	30-125	
bis(2-Ethylhexyl)phthalate	mg/kg	1.7	1.6	98	56-125	
Butylbenzylphthalate	mg/kg	1.7	1.6	94	57-125	
Carbazole	mg/kg	1.7	1.5	90	57-125	
Chrysene	mg/kg	1.7	1.5	92	59-125	
Di-n-butylphthalate	mg/kg	1.7	1.6	94	59-125	
Di-n-octylphthalate	mg/kg	1.7	1.6	98	59-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.5	88	59-125	
Dibenzofuran	mg/kg	1.7	1.4	85	54-125	
Diethylphthalate	mg/kg	1.7	1.5	88	57-125	
Dimethylphthalate	mg/kg	1.7	1.5	87	57-125	
Fluoranthene	mg/kg	1.7	1.5	90	59-125	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

LABORATORY CONTROL SAMPLE: 2192998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	mg/kg	1.7	1.4	87	56-125	
Hexachloro-1,3-butadiene	mg/kg	1.7	1.3	79	32-125	
Hexachlorobenzene	mg/kg	1.7	1.5	88	58-125	
Hexachloroethane	mg/kg	1.7	1.3	76	30-125	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.5	88	59-125	
Isophorone	mg/kg	1.7	1.4	83	45-125	
N-Nitroso-di-n-propylamine	mg/kg	1.7	1.4	83	38-125	
N-Nitrosodimethylamine	mg/kg	1.7	1.2	71	30-127	
N-Nitrosodiphenylamine	mg/kg	1.7	1.5	92	30-127	
Naphthalene	mg/kg	1.7	1.3	81	39-125	
Nitrobenzene	mg/kg	1.7	1.4	81	37-125	
Pentachlorophenol	mg/kg	1.7	1.1	68	32-125	
Phenanthrene	mg/kg	1.7	1.5	90	59-125	
Phenol	mg/kg	1.7	1.3	81	39-125	
Pyrene	mg/kg	1.7	1.5	92	58-125	
2,4,6-Tribromophenol (S)	%.			83	30-141	
2-Fluorobiphenyl (S)	%.			81	30-130	
2-Fluorophenol (S)	%.			78	30-125	
Nitrobenzene-d5 (S)	%.			78	30-125	
p-Terphenyl-d14 (S)	%.			90	30-148	
Phenol-d6 (S)	%.			80	30-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192999 2193000

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	mg/kg	<0.064	2	2	1.4	1.3	70	67	42-125	5	30	
1,2-Dichlorobenzene	mg/kg	<0.025	2	2	1.3	1.3	68	64	31-125	6	30	
1,2-Diphenylhydrazine	mg/kg	<0.19	2	2	1.6	1.6	83	80	53-125	4	30	
1,3-Dichlorobenzene	mg/kg	<0.024	2	2	1.3	1.2	67	63	30-125	7	30	
1,4-Dichlorobenzene	mg/kg	<0.026	2	2	1.3	1.2	67	64	30-125	5	30	
1-Methylnaphthalene	mg/kg	<0.067	2	2	1.5	1.4	77	71	51-125	7	30	
2,4,5-Trichlorophenol	mg/kg	<0.046	2	2	1.5	1.5	79	77	30-132	4	30	
2,4,6-Trichlorophenol	mg/kg	<0.050	2	2	1.5	1.5	79	75	53-125	6	30	
2,4-Dichlorophenol	mg/kg	<0.073	2	2	1.5	1.4	76	72	53-125	5	30	
2,4-Dimethylphenol	mg/kg	<0.072	2	2	1.6	1.4	81	74	53-125	9	30	
2,4-Dinitrophenol	mg/kg	<0.19	2	2	0.69	0.70	35	36	30-125	1	30	3M
2,4-Dinitrotoluene	mg/kg	<0.19	2	2	1.6	1.5	81	78	30-144	4	30	
2,6-Dinitrotoluene	mg/kg	<0.033	2	2	1.6	1.5	82	78	30-142	5	30	
2-Chloronaphthalene	mg/kg	<0.061	2	2	1.6	1.5	80	75	56-125	7	30	
2-Chlorophenol	mg/kg	<0.090	2	2	1.4	1.3	72	66	46-125	8	30	
2-Methylnaphthalene	mg/kg	<0.069	2	2	1.5	1.4	77	73	51-125	5	30	
2-Methylphenol(o-Cresol)	mg/kg	<0.084	2	2	1.5	1.4	75	70	51-125	8	30	
2-Nitroaniline	mg/kg	<0.042	2	2	1.7	1.6	85	82	30-137	4	30	
2-Nitrophenol	mg/kg	<0.066	2	2	1.4	1.3	72	67	30-125	8	30	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192999 2193000

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3&4-Methylphenol(m&p Cresol)	mg/kg	<0.077	2	2	1.5	1.4	77	71	53-125	8	30	
3,3'-Dichlorobenzidine	mg/kg	<0.054	2	2	1.5	1.4	75	73	30-132	2	30	
3-Nitroaniline	mg/kg	<0.039	2	2	1.6	1.5	80	75	30-137	5	30	
4,6-Dinitro-2-methylphenol	mg/kg	<0.077	2	2	1.1J	1.1J	56	55	30-133		30	
4-Bromophenylphenyl ether	mg/kg	<0.041	2	2	1.6	1.5	81	79	57-125	3	30	
4-Chloro-3-methylphenol	mg/kg	<0.19	2	2	1.6	1.5	82	79	53-125	3	30	
4-Chloroaniline	mg/kg	<0.059	2	2	1.3	1.2	67	61	30-125	11	30	
4-Chlorophenylphenyl ether	mg/kg	<0.044	2	2	1.6	1.5	81	78	60-125	4	30	
4-Nitroaniline	mg/kg	<0.034	2	2	1.5	1.5	79	75	30-140	5	30	
4-Nitrophenol	mg/kg	<0.040	2	2	1.4	1.4	73	72	30-150	1	30	
Acenaphthene	mg/kg	<0.045	2	2	1.5	1.4	79	74	56-125	7	30	
Acenaphthylene	mg/kg	<0.051	2	2	1.6	1.5	80	76	57-125	5	30	
Anthracene	mg/kg	<0.19	2	2	1.6	1.6	84	79	59-125	6	30	
Benzo(a)anthracene	mg/kg	<0.19	2	2	1.6	1.6	83	80	60-125	5	30	
Benzo(a)pyrene	mg/kg	<0.19	2	2	1.6	1.5	82	78	58-125	6	30	
Benzo(b)fluoranthene	mg/kg	<0.049	2	2	1.6	1.6	82	80	58-125	3	30	
Benzo(g,h,i)perylene	mg/kg	<0.047	2	2	1.5	1.5	79	75	30-138	5	30	
Benzo(k)fluoranthene	mg/kg	<0.049	2	2	1.6	1.6	84	80	55-125	5	30	
bis(2-Chloroethoxy)methane	mg/kg	<0.075	2	2	1.5	1.4	75	71	50-125	5	30	
bis(2-Chloroethyl) ether	mg/kg	<0.027	2	2	1.4	1.3	71	66	32-125	8	30	
bis(2-Chloroisopropyl) ether	mg/kg	<0.089	2	2	1.4	1.3	73	69	30-125	6	30	
bis(2-Ethylhexyl)phthalate	mg/kg	<0.066	2	2	1.8	1.7	90	86	30-147	5	30	
Butylbenzylphthalate	mg/kg	<0.19	2	2	1.8	1.6	90	84	30-149	7	30	
Carbazole	mg/kg	<0.19	2	2	1.6	1.5	82	79	56-125	4	30	
Chrysene	mg/kg	<0.052	2	2	1.6	1.5	83	79	60-125	4	30	
Di-n-butylphthalate	mg/kg	<0.054	2	2	1.7	1.6	86	83	30-143	4	30	
Di-n-octylphthalate	mg/kg	<0.19	2	2	1.8	1.7	90	85	59-125	5	30	
Dibenz(a,h)anthracene	mg/kg	<0.19	2	2	1.6	1.5	82	78	54-125	4	30	
Dibenzofuran	mg/kg	<0.19	2	2	1.6	1.5	80	77	57-125	4	30	
Diethylphthalate	mg/kg	<0.19	2	2	1.6	1.5	83	79	30-135	5	30	
Dimethylphthalate	mg/kg	<0.19	2	2	1.6	1.6	83	80	30-135	3	30	
Fluoranthene	mg/kg	<0.19	2	2	1.6	1.5	83	79	62-125	4	30	
Fluorene	mg/kg	<0.19	2	2	1.6	1.5	82	79	57-125	4	30	
Hexachloro-1,3-butadiene	mg/kg	<0.033	2	2	1.3	1.3	67	66	39-125	1	30	
Hexachlorobenzene	mg/kg	<0.051	2	2	1.6	1.6	84	80	56-125	6	30	
Hexachloroethane	mg/kg	<0.025	2	2	1.3	1.2	66	61	30-125	7	30	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.19	2	2	1.6	1.5	80	77	30-137	3	30	
Isophorone	mg/kg	<0.062	2	2	1.5	1.4	79	74	52-125	7	30	
N-Nitroso-di-n-propylamine	mg/kg	<0.053	2	2	1.5	1.4	77	70	30-125	9	30	
N-Nitrosodimethylamine	mg/kg	<0.19	2	2	1.2	1.2	64	61	30-125	4	30	
N-Nitrosodiphenylamine	mg/kg	<0.19	2	2	1.6	1.6	83	80	58-125	4	30	
Naphthalene	mg/kg	<0.072	2	2	1.4	1.3	72	69	45-125	5	30	
Nitrobenzene	mg/kg	<0.078	2	2	1.4	1.4	74	69	45-125	6	30	
Pentachlorophenol	mg/kg	<0.19	2	2	1.2	1.2	64	61	30-144	4	30	
Phenanthrene	mg/kg	<0.055	2	2	1.6	1.5	84	79	59-125	6	30	

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2192999 2193000

Parameter	Units	10338253003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenol	mg/kg	<0.084	2	2	1.4	1.3	74	68	49-125	9	30	
Pyrene	mg/kg	<0.049	2	2	1.7	1.6	85	81	57-125	4	30	
2,4,6-Tribromophenol (S)	%.						77	74	30-141			
2-Fluorobiphenyl (S)	%.						77	73	30-130			
2-Fluorophenol (S)	%.						70	65	30-125			
Nitrobenzene-d5 (S)	%.						72	68	30-125			
p-Terphenyl-d14 (S)	%.						82	78	30-148			
Phenol-d6 (S)	%.						74	68	30-125			

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Billings, MT 59101
(406)254-7226

QUALIFIERS

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis
PASI-MT	Pace Analytical Services - Montana

ANALYTE QUALIFIERS

1M	Preserved from glass jar with headspace outside of 48 hours from collection.
2M	Preserved from glass jar with headspace within 48 hours from collection.
3M	The associated compound was outside of 20% for the associated continuing calibration but within 40% of the true value.
B	Analyte was detected in the associated method blank.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold TNI accreditation for this parameter.
R1	RPD value was outside control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10338253003	**B-2 (3-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253004	**B-2 (5-8)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253005	**B-3 (3-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253006	**B-3 (7-9)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253007	**B-4 (3-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253008	**B-4 (7-9)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253009	**B-5 (2-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253010	**B-5 (7-10)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253011	**B-6 (2-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253012	**B-6 (7-10)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253013	**B-7 (0-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253014	**B-7 (5-10)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253015	**B-8 (1-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253016	**B-8 (7-9)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253017	**B-9 (2-5)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253018	**B-9 (7-10)**	EPA 3050	MPRP/61422	EPA 6010	ICP/26791
10338253003	**B-2 (3-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253004	**B-2 (5-8)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253005	**B-3 (3-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253006	**B-3 (7-9)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253007	**B-4 (3-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253008	**B-4 (7-9)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253009	**B-5 (2-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253010	**B-5 (7-10)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253011	**B-6 (2-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253012	**B-6 (7-10)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253013	**B-7 (0-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253014	**B-7 (5-10)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253015	**B-8 (1-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253016	**B-8 (7-9)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253017	**B-9 (2-5)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253018	**B-9 (7-10)**	EPA 7471	MERP/15936	EPA 7471	MERC/18674
10338253003	**B-2 (3-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253004	**B-2 (5-8)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253005	**B-3 (3-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253006	**B-3 (7-9)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253007	**B-4 (3-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253008	**B-4 (7-9)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253009	**B-5 (2-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253010	**B-5 (7-10)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253011	**B-6 (2-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253012	**B-6 (7-10)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253013	**B-7 (0-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253014	**B-7 (5-10)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253015	**B-8 (1-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253016	**B-8 (7-9)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253017	**B-9 (2-5)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868
10338253018	**B-9 (7-10)**	EPA 3550	OEXT/32559	EPA 8270D	MSSV/13868

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10338253003	**B-2 (3-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253004	**B-2 (5-8)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253005	**B-3 (3-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253006	**B-3 (7-9)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253007	**B-4 (3-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253008	**B-4 (7-9)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253009	**B-5 (2-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253010	**B-5 (7-10)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253011	**B-6 (2-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253012	**B-6 (7-10)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253013	**B-7 (0-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253014	**B-7 (5-10)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253015	**B-8 (1-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253016	**B-8 (7-9)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253017	**B-9 (2-5)**	EPA 5035/5030B	MSV/34607	EPA 8260B	MSV/34632
10338253018	**B-9 (7-10)**	EPA 5035/5030B	MSV/34623	EPA 8260B	MSV/34639
10338253019	**TRIP BLANK (003-010)**	EPA 5035/5030B	MSV/34623	EPA 8260B	MSV/34639
10338253020	**TRIP BLANK (011-018)**	EPA 5035/5030B	MSV/34623	EPA 8260B	MSV/34639
10338253001	**B-1 (4-5)**	ASTM D2974	MT/22476		
10338253002	**B-1 (8-10)**	ASTM D2974	MT/22476		
10338253003	**B-2 (3-5)**	ASTM D2974	MT/22476		
10338253004	**B-2 (5-8)**	ASTM D2974	MT/22476		
10338253005	**B-3 (3-5)**	ASTM D2974	MT/22476		
10338253006	**B-3 (7-9)**	ASTM D2974	MT/22476		
10338253007	**B-4 (3-5)**	ASTM D2974	MT/22476		
10338253008	**B-4 (7-9)**	ASTM D2974	MT/22476		
10338253009	**B-5 (2-5)**	ASTM D2974	MT/22476		
10338253010	**B-5 (7-10)**	ASTM D2974	MT/22476		
10338253011	**B-6 (2-5)**	ASTM D2974	MT/22476		
10338253012	**B-6 (7-10)**	ASTM D2974	MT/22476		
10338253013	**B-7 (0-5)**	ASTM D2974	MT/22476		
10338253014	**B-7 (5-10)**	ASTM D2974	MT/22476		
10338253015	**B-8 (1-5)**	ASTM D2974	MT/22476		
10338253016	**B-8 (7-9)**	ASTM D2974	MT/22476		
10338253017	**B-9 (2-5)**	ASTM D2974	MT/22476		
10338253018	**B-9 (7-10)**	ASTM D2974	MT/22476		
10338253001	**B-1 (4-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253002	**B-1 (8-10)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253003	**B-2 (3-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253004	**B-2 (5-8)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253005	**B-3 (3-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253006	**B-3 (7-9)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253007	**B-4 (3-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253008	**B-4 (7-9)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253009	**B-5 (2-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253010	**B-5 (7-10)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253011	**B-6 (2-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515

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Pace Analytical Services, Inc.
150 N Ninth Street
Billings, MT 59101
(406)254-7226

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 350.0181.000 Frank Property
Pace Project No.: 10338253

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10338253012	**B-6 (7-10)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253013	**B-7 (0-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253014	**B-7 (5-10)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253015	**B-8 (1-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253016	**B-8 (7-9)**	MADEP EPH	MTPR/4032	MADEP EPH	MT/22525
10338253017	**B-9 (2-5)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253018	**B-9 (7-10)**	MADEP EPH	MTPR/4030	MADEP EPH	MT/22515
10338253001	**B-1 (4-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253002	**B-1 (8-10)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253003	**B-2 (3-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253004	**B-2 (5-8)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253005	**B-3 (3-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253006	**B-3 (7-9)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253007	**B-4 (3-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253008	**B-4 (7-9)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253009	**B-5 (2-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253010	**B-5 (7-10)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253011	**B-6 (2-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253012	**B-6 (7-10)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253013	**B-7 (0-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253014	**B-7 (5-10)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253015	**B-8 (1-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253016	**B-8 (7-9)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253017	**B-9 (2-5)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480
10338253018	**B-9 (7-10)**	MADEP VPH	MT/22475	MADEP VPH	MT/22480

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

Section A Required Client Information:

Company:	NewFields
Address:	1120 Cedar Street
	Missoula, MT 59802
Email To:	Tyler Etzel (tetzel@newfields.com
Phone:	Fax:
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Tyler Etzel
Copy To:	Katie Sitler
Purchase Order No.:	
Project Name:	Frank Property
Project Number:	350.0181.000

Section C Invoice Information:

Attention:	Donna McCammon
Company Name:	NewFields
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jennifer Anderson
Pace Profile #:	27441

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER MPDES

Site Location STATE: MT

→ NO LATER THAN 2 WEEKS ←

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): EPH	VPH	8260 VOC	8270 SVOC	RCRA 8 6010/7471	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-1 (4-5)	SL	G	—	—	2/10/16	820		2	X								X	X					001
2	B-1 (8-10)	SL	G	—	—	2/10/16	825		2	X								X	X					002
3	B-2 (3-5)			—	—	2/10/16	1045		2	X								X	X	X	X	X		003
4	B-2 (5-8)			—	—	2/10/16	1055		2	X								X	X	X	X	X		004
5	B-3 (3-5)			—	—	2/10/16	1205		2	X								X	X	X	X	X		005
6	B-3 (7-9)			—	—	2/10/16	1220		2	X								X	X	X	X	X		006
7	B-4 (3-5)			—	—	2/9/16	1430		3	X								X	X	X	X	X		007
8	B-4 (7-9)			—	—	2/9/16	1440		2	X								X	X	X	X	X		008
9	B-5 (2-5)			—	—	2/9/16	1315		2	X								X	X	X	X	X		009
10	B-5 (7-10)			—	—	2/9/16	1325		2	X								X	X	X	X	X		010
11	B-6 (2-5)			—	—	2/9/16	1110		2	X								X	X	X	X	X		011
12	B-6 (7-10)	SL	G	—	—	2/9/16	1120		2	X								X	X	X	X	X		012

10338253

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*As, Ba, Cd, Cr, Pb, Hg, Se, Ag	L. Spencer / Newfields	2/10/16	1640	Nelson / Pace	2/10/16	1640	<6	Y	Y	Y
*USE MIN AMT OF SOIL TO ENSURE ALL ANALYSES ARE PERFORMED *	Nelson / Pace	2/11/16	1600	[illegible]	2/12/16	1010	5.6	Y	Y	Y
*IF NOT ENOUGH SAMPLE, PRIORITIZE EPH + VPH *										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Louise Spencer

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/10/16

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

TO MN: VOC, SVOC, METALS

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

* NEED RESULTS NO LATER THAN 2 WEEKS!

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

Section A Required Client Information:

Company:	NewFields
Address:	1120 Cedar Street
	Missoula, MT 59802
Email To:	Tyler Etzel (letzel@newfields.com
Phone:	406 549 8270
Fax:	
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Tyler Etzel
Copy To:	Katie Sitler
Purchase Order No.:	
Project Name:	Frank Property
Project Number:	350.0181.000

Section C Invoice Information:

Attention:	Donna McCammon
Company Name:	NewFields
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jennifer Anderson
Pace Profile #:	27441

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER MPDES

Site Location STATE: MT

→ NO LATER THAN 2 WEEKS ←

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	EPH *	VPH *	8260 VOC	8270 SVOC	RCRA 8 6010/7471	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 10338253
1	B-7 (0-5)	SL	G	—	—	2/9/16	920		3	X								X	X	X	X	X		013
2	B-7 (5-10)			—	—	2/9/16	930		2	X								X	X	X	X	X		014
3	B-8 (1-5)			—	—	2/10/16	940		2	X								X	X	X	X	X		015
4	B-8 (7-9)			—	—	2/10/16	950		2	X								X	X	X	X	X		016
5	B-9 (2-5)			—	—	2/9/16	1550		3	X								X	X	X	X	X		017
6	B-9 (7-10)	SL	G	—	—	2/9/16	1600		2	X								X	X	X	X	X		018
7	Trip Blank (008 - 010)																							019
8	Trip Blank (011 - 018)	NEO																						020
9		2/11/16																						
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*As, Ba, Cd, Cr, Pb, Hg, Se, Ag	LS SPENCER / NewFields	2/10/16	1640	[illegible] / Pace	2/10/16	1640	4.6	Y	Y	Y
*USE MIN VOLUME TO ENSURE										
ALL ANALYSES CAN BE										
PERFORMED. IF NOT										
ENOUGH SAMPLE VOL.										
PRIORITIZE EPH + VPH *										
* NEED RESULTS NO LATER THAN 2 WKS *										

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Louise Spencer					
SIGNATURE of SAMPLER: [signature]	DATE Signed (MM/DD/YY): 2/10/16				

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 23Feb2015 Page 1 of 1
	Document No.: **F-MT-C-184-rev.06**	Issuing Authority: Pace Montana Quality Office

Sample Condition Upon Receipt

Client Name: Newfields

Project #: WO# : 10338253

10338253

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: NA

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermometer Used: ☑ 140821733 ☐ NA **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read: 2.2 **Date and Initials of Person Examining Contents:** 2/11/16 mw

Cooler Temp Corrected: 2.0 **Biological Tissue Frozen?** ☐ Yes ☒ No

Temp should be above freezing to 6°C

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☒ Yes	☒ No	☐ N/A	7. 2 week max
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: Soil	☒ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☒ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☒ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☐ Yes	☒ No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☒ N/A	14.
Trip Blank Present?	☐ Yes	☐ No	☒ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if purchased): NA				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: [signature] **Date:** 2/18/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 05Jan2016 Page 1 of 1
	Document No.: **F-MN-L-213-rev.15**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: New Fields

Project #: 10338253

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeeDee ☐ Other:

Tracking Number: 6021 2789 5353

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermometer Used: ☐ 151401163 ☐ 151401164 ☐ B88A912167504 ☑ B88A0143310098 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 5.5 **Cooler Temp Corrected (°C):** 5.6 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.1 **Date and Initials of Person Examining Contents:** KHC 2/12/16

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, AZ, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or WA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☐ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	12.
-Includes Date/Time/ID/Analysis Matrix: SL				
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐ Yes	☐ No	☑ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☑ N/A	14.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: **Date:** 2/18/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

DATA VALIDATION

Billings, Montana

APPENDIX G

Data Validation Summary
Laboratory Work Order 10338261
Point of Compliance Analytes

1. Please provide the following information at the beginning of the data validation report:

- Project name: *Frank Properties*
- Name and Date of approved Quality Assurance Project Plan (QAPP), Sampling and Analysis Plan (SAP), or other applicable document:
  QAPP: *Programmatic Quality Assurance Project Plan. Big Sky Economic Development Division Brownfields Program. September 2015.*
  SAP: *Phase II Environmental Site Assessment Sampling and Analysis Plan – Frank Properties. Big Sky Economic Development. January 27, 2016*

- Laboratory Name: *Pace Analytical, Billings, Montana and Minnesota*
- Laboratory Project ID: *10338261*
- Laboratory Report Date: *February 23, 2016*
  Sample Matrix: *Water*
  Groundwater Sample: B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-8, B-9, B-DUP, B-RB, TRIP BLANK (002, 003, 004), TRIP BLANK (005 & 006), TRIP BLANK (007 & 009), TRIP BLANK (B-1, B-DUP, GW-RB), and TRIP BLANK (B-RB & B-8)
- Sample Start and End Dates: *February 9th and 10th, 2016*
- Parameters Included:
  - *Groundwater Samples*
    - *RCRA 8 Metals by EPA Method 6010*
    - *Mercury by EPA 7470A*
    - *Semi Volatile Organic Compounds by EPA Method 8270D*
    - *Volatile Organic Compounds by EPA Method 8260B*
    - *Extractable Petroleum Hydrocarbons by MADEP EPH*
    - *Volatile Petroleum Hydrocarbons by MADEP VPH*
- Date Validated: *February 23, 2016*
- Name of Validator: *Katie Sitler*

2. Please include a description of the data validation criteria used. These data validation criteria should be outlined in the appropriate QAPP, SAP, or other applicable document.

- *Verification of whether field staff conformed to SOPs and field methodologies prosed in the NewFields SAP and QAPP;*
- *Determination of whether the laboratory reported all requested analyses;*
- *Review to ensure that units of measurements are consistent, and reviews of sample definitions for consistency; and*
- *Inspection for the presence of elevated detection limits due to matrix interference or other data quality concerns indicated by laboratory QC testing.*

3. Please include a description of the acceptability and usability of the data, including any qualified data. Please explain data qualification flags or any other notes used by the laboratory. Please identify and explain any exceptions (i.e., rejected data) to the acceptability and usability of the data.
The following shortcomings/deviations are considered minor and should not affect the usefulness of the data and information to achieve the objectives of the project.

4. Please include a description of the data qualifiers used during this validation.
See Item 25 below.

5. Does the laboratory case narrative note any nonconformance issues with the analytical data? Please identify the nonconformance issues.
No. The Lab noted that a matrix spike/matrix spike duplicate was not performed due to insufficient sample volume for QC Batch, OEXT/32553, for EPA 8270D.

6. Were sample chain-of-custody (CoC) forms complete, including a description of all samples, all analyses, and appropriate signatures?
Sampler did not list trip blanks on CoC and appropriate analyses for the trip blanks. Laboratory listed Trip Blanks and assigned Pace Project number on bottom of received CoC.

Laboratory did not respond to "Headspace in VOA Vials (>6mm)?" on the Pace Montana Sample receipt checklist, presumably because VOA Vials were then later sent to Minnesota Lab for testing.

Pace Montana Sample Receipt Checklist comments that "samples B-5, B-7 and B-8 have >5% sediment" in comments/resolution.

Pace Minnesota Sample Receipt Checklist did not respond to "Sampler Name and/or Signature on COC?". Lab should have checked the yes box as the sampler did indeed sign the CoC in the correct place.

7. Were detection limits in accordance with the project requirements?
Yes

8. Were the requested analytical methods in compliance with project requirements (i.e., QAPP, SAP)?
No. Phase II SAP for the project called for borings B-2 through B-9 to be analyzed for RCRA 8 Metals (dissolved), the boring were only analyzed for total metals, not dissolved. The Phase II SAP also requested that all trip blanks be analyzed for VPH and VOCs, the lab only analyzed the trip blanks for VOCs.

9. Were samples received in good condition within method specified requirements? Please explain any exceptions, and how sample condition may affect the results.
Yes.

10. Were samples analyzed within method specified or technical holding times?
Yes.

11. Were reported units appropriate for the associated sample matrix/matrices and method(s) of analyses?
Yes.

12. Do the laboratory reports include all constituents requested to be analyzed on the CoC or under the QAPP, SAP, or other applicable document?
No. See question 8.

13. Was the total number of method blank samples prepared equal to at least 5% (1 in 20) of the total number of samples, or analyzed as required by the method?
Yes.

14. Were QC laboratory blank samples free of analyte contamination?
No. Method Blank 2193066 had detections of Methylene Chloride and Method Blank 2190262 had a detections of Naphthalene. In both cases, the sample results were flagged in accordance with the QAPP.

15. Was the total number of matrix spike samples prepared equal to at least 5% of the total number of samples, or analyzed as required by the method?
No. The Lab noted that a matrix spike/matrix spike duplicate was not performed due to insufficient sample volume for QC Batch, OEXT/32553, for EPA 8270D

16. Were MS/MSD percent recoveries and MS/MSD relative percent difference (RPDs) within data validation or laboratory QC limits?
No. MS sample 2190266, Aromatic (C09-C10)'s RPD was outside the QC limits

17. Was the total number of LCSs samples analyzed equal to at least 5% (1 in 20) of the total number of samples, or analyzed as required by the method?
Yes.

18. Were LCS/LCSD percent recoveries and LCS/LCSD RPDs within laboratory QC limits?
No. LCS 2196387 percent recoveries for 2,2-Dichloropropane and Bromomethane were outside the laboratory QC limits. All associated samples were flagged according to the QAPP.

19. Were laboratory duplicate RPD values within laboratory-specified limits?
No. QC Sample Duplicate 2190265 exceeded the laboratory-specified limits for Naphthalene.

20. Were the number of equipment, trip, or field blanks collected equal to at least 10% of the total number of samples, or as required by the project requirements, QAPP, or SAP?
Yes.

21. Were the trip blank, field blank, and/or equipment blank samples free of analyte contamination?
No. Chloroform and Methylene Chloride were detected in Sample GW-RB.

22. Were the field duplicates collected as required by the project requirements, QAPP or SAP?
Yes.

23. Were field duplicate RPD values within data validation QC limits (generally soil 0-50%, water 0-30%, or air 0-25%, or otherwise specified in the QAPP/SAP)? Please explain, and include discussion of how this affects the data.
No. The RPD values for Barium, Chromium, Lead, and Trichloroethene were outside the limits for water samples.

24. Was the total fraction greater than or equal to dissolved fraction for each sample, within the precision of the analysis?
Not applicable, no dissolved metal analysis was performed on the groundwater sample collected.

25. If any data were qualified, please provide a data qualification summary and include how data is affected/biased.

Qualifier	Comments	Sample(s)	Analyte(s)
1M	Due to sample matrix routine initial sample volume or weight was not used in sample preparation, resulting in	B-2 (Lab ID: 10338261002)	Mercury
		B-3 (Lab ID: 10338261003)	
		B-4 (Lab ID: 10338261004)	

	elevated reporting limits.	B-5 (Lab ID: 10338261005)	
		B-6 (Lab ID: 10338261006)	
		B-7 (Lab ID: 10338261007)	
		B-8 (Lab ID: 10338261008)	
		B-9 (Lab ID: 10338261009)	
		B-DUP (Lab ID: 10338261010)	
2M	The associated compound was outside of 20% for the associated continuing calibration but within 40% of the true value.	LCS (Lab ID: 2192430)	2,4-Dinitrophenol
		LCSD (Lab ID: 2192431)	
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.	B-8 (Lab ID: 10338261008)	8260B
		TRIP BLANK (002, 003, 004) (Lab ID: 10338261013)	
		TRIP BLANK (005 & 006) (Lab ID: 10338261014)	
		TRIP BLANK (007 & 009) (Lab ID: 10338261015)	
		TRIP BLANK (B-1, B-DUP, GW-RB) (Lab ID: 10338261016)	
		TRIP BLANK (B-RB & B-8) (Lab ID: 10338261017)	
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.	All	Bromomethane, Naphthalene, 1,1-Dichloroethene, Bromomethane, and Chloroform
B	Analyte was detected in the associated method blank.	BLANK for HBN 401332 [MSV/3463 (Lab ID: 2193066)	Methylene Chloride
		BLANK for HBN 400845 [MT/22472 (Lab ID: 2190262)	Naphthalene
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.	B-8 (Lab ID: 10338261008)	1,2-Dichloroethane-d4 (S)
		TRIP BLANK (002, 003, 004) (Lab ID: 10338261013)	
		TRIP BLANK (005 & 006) (Lab ID: 10338261014)	
		TRIP BLANK (007 & 009) (Lab ID: 10338261015)	
		TRIP BLANK (B-1, B-DUP, GW-RB) (Lab ID: 10338261016)	
		TRIP BLANK (B-RB & B-8) (Lab ID: 10338261017)	
S0	Surrogate recovery outside laboratory control limits.	DUP (Lab ID: 2193100)	1-Chloro-octadecane (S)
		MS (Lab ID: 2193099)	
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.	B-1 (Lab ID: 10338261001)	Total Extractable Hydrocarbons
		B-2 (Lab ID: 10338261002)	
		B-4 (Lab ID: 10338261004)	
		DUP (Lab ID: 2190265)	a,a,a-Trifluorotoluene (S)
N2	The lab does not hold TNI accreditation for this parameter.	All	Total Extractable Hydrocarbons and VPH

S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.	B-2 (Lab ID: 10338261002)	a,a,a-Trifluorotoluene (S)
S7	Surrogate recovery outside control limits (not confirmed by re-analysis).	B-5 (Lab ID: 10338261005)	a,a,a-Trifluorotoluene (S)
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.	MS (Lab ID: 2190266)	Aromatic (C09-C10)

(S) – Surrogate

26. Please provide any other general comments or other observations.

Data Validation Summary
Laboratory Work Order 10338253
Point of Compliance Analytes

1. Please provide the following information at the beginning of the data validation report:

- Project name: *Frank Properties*
- Name and Date of approved Quality Assurance Project Plan (QAPP), Sampling and Analysis Plan (SAP), or other applicable document:
  QAPP: *Programmatic Quality Assurance Project Plan. Big Sky Economic Development Division Brownfields Program. September 2015.*
  SAP: *Phase II Environmental Site Assessment Sampling and Analysis Plan – Frank Properties. Big Sky Economic Development. January 27, 2016*

- Laboratory Name: *Pace Analytical, Billings, Montana and Minnesota*
- Laboratory Project ID: *10338253*
- Laboratory Report Date: *February 24, 2016*
  Sample Matrix: *Soil*
  Soil Samples: B-1 (4-5), B-1 (8-10), B-2 (3-5), B-2 (5-8), B-3 (3-5), B-3 (7-9), B-4 (3-5), B-4 (7-9), B-5 (2-5), B-5 (7-10), B-6 (2-5), B-6 (7-10), B-7 (0-5), B-7 (5-10), B-8 (1-5), B-8 (7-9), B-9 (2-5), B-9 (7-10), TRIP BLANK (003-010), and TRIP BLANK (011-018).
- Sample Start and End Dates: *February 9th and 10th, 2016*
- Parameters Included:
  - *Soil Samples*
    - *RCRA Metals by EPA Method 6010B/7471*
    - *Volatile Organic Compounds by EPA Method 8260B*
    - *Semi Volatile Organic Compounds by EPA Method 8270D*
    - *Extractable Petroleum Hydrocarbons by MADEP EPH*
    - *Volatile Petroleum Hydrocarbons by MADEP VPH*
    - *Moisture Content by ASTM Method D2974*
- Date Validated: *February 25, 2016*
- Name of Validator: *Katie Sitler*

2. Please include a description of the data validation criteria used. These data validation criteria should be outlined in the appropriate QAPP, SAP, or other applicable document.

- *Verification of whether field staff conformed to SOPs and field methodologies prosed in the NewFields SAP and QAPP;*
- *Determination of whether the laboratory reported all requested analyses;*
- *Review to ensure that units of measurements are consistent, and reviews of sample definitions for consistency; and*
- *Inspection for the presence of elevated detection limits due to matrix interference or other data quality concerns indicated by laboratory QC testing.*

3. Please include a description of the acceptability and usability of the data, including any qualified data. Please explain data qualification flags or any other notes used by the laboratory. Please identify and explain any exceptions (i.e., rejected data) to the acceptability and usability of the data.
The following shortcomings/deviations are considered minor and should not affect the usefulness of the data and information to achieve the objectives of the project.

4. Please include a description of the data qualifiers used during this validation.
See Item 25 below.

5. Does the laboratory case narrative note any nonconformance issues with the analytical data? Please identify the nonconformance issues.
No.

6. Were sample chain-of-custody (CoC) forms complete, including a description of all samples, all analyses, and appropriate signatures?
Sampler did not list trip blanks on CoC and appropriate analyses for the trip blanks. Laboratory listed Trip Blanks and assigned Pace Project number on bottom of received CoC. Refer to Number 8 for associated issues.

7. Were detection limits in accordance with the project requirements?
Yes

8. Were the requested analytical methods in compliance with project requirements (i.e., QAPP, SAP)?
No. The Phase II SAP requested that all trip blanks be analyzed for VPH and VOCs, the lab only analyzed the trip blanks for VOCs.

9. Were samples received in good condition within method specified requirements? Please explain any exceptions, and how sample condition may affect the results.
Yes.

10. Were samples analyzed within method specified or technical holding times?
Yes.

11. Were reported units appropriate for the associated sample matrix/matrices and method(s) of analyses?
Yes.

12. Do the laboratory reports include all constituents requested to be analyzed on the CoC or under the QAPP, SAP, or other applicable document?
No. See question 8.

13. Was the total number of method blank samples prepared equal to at least 5% (1 in 20) of the total number of samples, or analyzed as required by the method?
Yes.

14. Were QC laboratory blank samples free of analyte contamination?
No. Method Blank 2190453 has a detection of Naphthalene. All associated samples were flagged according to the QAPP.

15. Was the total number of matrix spike samples prepared equal to at least 5% of the total number of samples, or analyzed as required by the method?
Yes.

16. Were MS/MSD percent recoveries and MS/MSD relative percent difference (RPDs) within data validation or laboratory QC limits?
No. Lead's RPD was outside the QC limits for MS and MSD sample 2190969, Trichlorofluoromethane for MS sample 2192281, and Naphthalene for MS and MSD sample 2190456. All associated samples were flagged according to the QAPP.

17. Was the total number of LCSs samples analyzed equal to at least 5% (1 in 20) of the total number of

samples, or analyzed as required by the method?
Yes.

18. Were LCS/LCSD percent recoveries and LCS/LCSD RPDs within laboratory QC limits?
No. The percent recoveries for LCS sample 2190947 for Trichlorofluoromethane were outside the laboratory QC limits. All associated samples were flagged according to the QAPP.

19. Were laboratory duplicate RPD values within laboratory-specified limits?
No. QC Sample Duplicate 2192280 exceeded the laboratory-specified limits for Trichlorofluoromethane and sample 2190457 for Naphthalene.

20. Were the number of equipment, trip, or field blanks collected equal to at least 10% of the total number of samples, or as required by the project requirements, QAPP, or SAP?
Yes. Note: equipment rise blank, B-RB, was ran with Laboratory Project ID 10338261.

21. Were the trip blank, field blank, and/or equipment blank samples free of analyte contamination?
No. Chromium, Dibromochloromethane, Methylene Chloride, and Chloroform were detected in Sample B-RB.

22. Were the field duplicates collected as required by the project requirements, QAPP or SAP?
Yes, no field duplicates were required.

23. Were field duplicate RPD values within data validation QC limits (generally soil 0-50%, water 0-30%, or air 0-25%, or otherwise specified in the QAPP/SAP)? Please explain, and include discussion of how this affects the data.
See Number 22.

24. Was the total fraction greater than or equal to dissolved fraction for each sample, within the precision of the analysis?
Not applicable, no dissolved metal analysis was performed on the groundwater sample collected.

25. If any data were qualified, please provide a data qualification summary and include how data is affected/biased.

Qualifier	Comments	Sample(s)	Analyte(s)
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.	MS (Lab ID: 2190969)	Lead
		MSD (Lab ID: 2190970)	
		MS (Lab ID: 2192281)	Trichlorofluoromethane
		MS (Lab ID: 2190456)	Naphthalene
		MSD (Lab ID: 2190457)	
3M	The associated compound was outside of 20% for the associated continuing calibration but within 40% of the true value.	LCS (Lab ID: 2192998)	2,4-Dinitrophenol
		MS (Lab ID: 2192999)	
		MSD (Lab ID: 2193000)	
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.	LCS (Lab ID: 2190947)	Chloroethane Trichlorofluoromethane
		MS (Lab ID: 2190948)	
		MSD (Lab ID: 2190949)	
		LCS (Lab ID: 2192279)	Trichlorofluoromethane
		MS (Lab ID: 2192281)	Chloroethane Trichlorofluoromethane
		MSD (Lab ID: 2192280)	
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.	LCS (Lab ID: 2190947)	Trichlorofluoromethane
		MS (Lab ID: 2190948)	
		MSD (Lab ID: 2190949)	
		LCS (Lab ID: 2192279)	
		MS (Lab ID: 2192281)	
		MSD (Lab ID: 2192280)	
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.	B-6 (7-10) (Lab ID: 10338253012)	1,2-Dichloroethane-d4 (S)
		B-7 (5-10) (Lab ID: 10338253014)	
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.	LCS (Lab ID: 2190947)	Trichlorofluoromethane
R1	RPD value was outside control limits.	MSD (Lab ID: 2192280)	Trichlorofluoromethane
		MSD (Lab ID: 2190457)	Naphthalene
1M	Preserved from glass jar with headspace outside of 48 hours from collection.	B-4 (7-9) (Lab ID: 10338253008)	1,2-Dichloroethane-d4 (S)
		B-5 (7-10) (Lab ID: 10338253010)	
		B-6 (7-10) (Lab ID: 10338253012)	
		B-7 (0-5) (Lab ID: 10338253013)	
		B-9 (2-5) (Lab ID: 10338253017)	
2M	Preserved from glass jar with headspace within 48 hours from collection.	B-8 (1-5) (Lab ID: 10338253015)	1,2-Dichloroethane-d4 (S)
N2	The lab does not hold TNI accreditation for this parameter.	All	MADEP EPH
			MADEP VPH
B	Analyte was detected in the associated method blank.	BLANK for HBN 400883 [MT/22475 (Lab ID: 2190453)	Naphthalene

(S) – Surrogate

26. Please provide any other general comments or other observations.