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October 8, 2015

Keith Large
Montana Department of Environmental Quality
Remediation Division
1225 Cedar Street
Helena, Montana 59620

Subject: Compressor Building Assessment Report for the Stimson Cooling Pond Removal

Dear Mr. Large,

On behalf of the Stimson Lumber Company, NewFields submits this Compressor Building Assessment Report to progress remedial action work under the Administrative Order on Consent in Docket No. SF-10-0001, between Stimson, the Montana Department of Justice, and the Montana Department of Environmental Quality (DEQ), dated April 29, 2010 (AOC). This report addresses the area formerly known as the Steam Plant or Compressor Building at the former Stimson Lumber Mill in Bonner, Montana. If you have any questions about the enclosed report or require additional copies, please contact me at (406) 549-8270.

Sincerely,

Tyler Etzel
Senior Geologist

cc: Steven Petrin, Stimson Lumber Company
Brent Sasser, International Paper
Jeanette Schuster, Tonkin Torp
Al Brule, Envirocon
Michelle Hutchinson, MCCWQD

Compressor Building Assessment Report Addendum 2 to Final Cooling Pond Removal Work Plan

Compressor Building Investigation
Bonner Mill Cooling Pond and Vicinity
Bonner, Montana 59702

Submitted to:
Montana Department of Environmental Quality
1225 Cedar Street
Helena, Montana 59620

Prepared for:
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NewFields

October 2015
Project 350.0033.005

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

EXECUTIVE SUMMARY

This report presents results of a site assessment conducted by NewFields Companies, LLC (NewFields) on behalf of Stimson Lumber Company (Stimson) to investigate and characterize soil potentially impacted by polychlorinated biphenyls (PCBs) at an area of the former Bonner Mill in Bonner, Montana (Site) (Figure 1) that was the location of a building historically referred to as the "steam plant" or the "compressor building" (Compressor Building) (Figure 2). The current owner of the Site, Western Montana Development, L.L.C., demolished the above-ground portions of the Compressor Building in 2014.

The work described in this report was conducted in compliance with the second addendum to the existing approved work plan, Final Cooling Pond Work Plan, Envirocon, January 29, 2010, that was prepared to implement remedial action work under the Administrative Order on Consent in Docket No. SF-10-0001 between Stimson and the Montana Department of Environmental Quality (DEQ) and the Montana Department of Justice, dated April 29, 2010 (AOC). The Addendum 2 to Final Cooling Pond Removal Work Plan (Work Plan) was prepared in accordance with DEQ's comments and submitted to DEQ on January 9, 2015.

The Compressor Building assessment was completed in three field events between May and August 2015. The first two field events included test pit excavations performed on May 27, 2015 and drilling rotosonic borings on June 4, 5 and 9, 2015. The initial results of these activities indicated that further characterization of PCB-impacted soil was necessary and, supplemental borings were completed on August 18 and 19, 2015.

The first task of the work plan included excavation of seven test pits. Nineteen soil samples were collected from the seven test pits, which were excavated to depths ranging from 7 to 15 feet below ground surface (ft bgs). Eleven of the 19 soil samples analyzed for PCBs exceeded 0.74 milligram per kilogram (mg/kg) total PCBs, which is the required cleanup level under the AOC. These test pit results indicated that rotosonic soil borings were required to fully delineate PCB impacts in soil vertically below 15 feet.

The second task of the Work Plan was implemented by drilling eight rotosonic borings in June 2015. Thirty-three soil samples were collected and submitted for PCBs analysis. Five borings (CB-1, CB-2, CB-4 CB-5, and CB-7) contained samples that exceeded 0.74 mg/kg total PCBs, and two of these borings (CB-1 and CB-5) exceeded the Toxic Substances Control Act (TSCA) waste cleanup level of 50 mg/kg total PCBs. Both CB-1 and CB-5 are located in an area of the former Compressor Building where compressor equipment was historically operated.

The sample results from Test Pits completed in May 2015 and rotosonic borings completed in June 2015 indicated that further assessment of PCB-impacted soil was necessary to fully characterize the vertical and horizontal extent of total PCBs in subsurface soil adjacent to the Compressor Building.

The August 2015 supplemental assessment work included drilling five rotosonic soil borings. Results showed that nine samples exceeded 0.74 mg/kg for total PCBs, with each soil boring (CB-10 through CB-

14) containing at least one sample that exceeds this level. One of the soil samples collected from CB-14 exceeds the TSCA waste cleanup level.

The soil sample data show that the highest concentrations of PCB-impacted soil are located beneath the western end of the Compressor Building (**Figure 2**). Many of the soil samples collected outside of the Compressor Building footprint exceed 0.74 mg/kg of total PCBs; however, none of the borings outside the former Compressor Building footprint contain PCB concentrations exceeding the TSCA waste cleanup level. The assessment generally delineated the areal extent of impacted soil associated with the former Compressor Building; although samples from borings CB-7, CB-11, and CB-12 suggest PCB-impacted soil extends a short distance to the south of the former Compressor Building.

NewFields estimates the total volume of PCB-impacted soil above 0.74 mg/kg for the former Compressor Building area is 2,565 cubic yards, with approximately 1,230 cubic yards of this total exceeding the TSCA waste disposal level.

1.0 INTRODUCTION

This document presents the results of a site assessment to delineate and characterize PCBs in soil under and around the Compressor Building Site (**Figure 1**). The work was performed according to the second addendum to the existing approved work plan, *Final Cooling Pond Work Plan*, Envirocon, January 29, 2010, that was prepared to implement remedial action work under the AOC between Stimson and the DEQ and the Montana Department of Justice, dated April 29, 2010. The Work Plan was prepared in accordance with DEQ's comments and submitted to DEQ on January 9, 2015.

The Work Plan addressed the remediation of three areas at the Site: (i) Fire Pond Lagoon and related petroleum hydrocarbons (PHCs); (ii) cooling pond and adjacent areas impacted by PCBs and PHCs; and (iii) portions of the east log track area impacted by PHCs and PCBs. This remediation work is described in the *Draft Remedial Action Report – Bonner Mill Cooling Pond and Vicinity*, February 21, 2012 (Envirocon, 2012). This work is referred to as the Phase I removal action. Phase 2 of the removal action expanded an on-site repository to receive additional low-level waste excavated during Phase 1.

The first addendum to the Work Plan (Addendum 1) was prepared to address the remediation of PCB soil contamination discovered during Phase 1 of the removal action (MW-13 area). In addition to the MW-13 area, Addendum 1 also addressed three other areas of the Site: (i) MW-11 area; (ii) MW-15 area; and (iii) SB-3 area. Implementation of the Addendum 1 activities in these four areas is described in the *Remedial Action Report, Phase 3 – Bonner Mill Cooling Pond and Vicinity*, September 12, 2014 (Envirocon, 2014). Addendum 1 was intended to address the final phase of the removal action required to be performed by Stimson under the AOC.

Shortly after completion of the Addendum 1/Phase 3 work activities, the current owner of the Site, Western Montana Development, LLC (WMD), informed Stimson and DEQ that it had found a limited area of PCB-impacted soil during demolition of the Compressor Building. The sampling performed by WMD in May 2014 indicated that PCB-impacted soil was present adjacent to the northwest corner of the Compressor Building (see **Figure 2**, Respec sample location). Stimson began discussions with DEQ on August 25, 2014 related to the investigation of the Compressor Building area. On behalf of Stimson Lumber, NewFields submitted a sampling work plan to DEQ, *Addendum 2 to Final Cooling Pond Removal Work Plan, Sampling Work Plan for Compressor Building Investigation*, NewFields, March 31, 2015 (NewFields, 2015a), to assess PCB soil impacts in the Compressor Building area and a supplemental sampling work plan, *Addendum 2 to Final Cooling Pond Removal Work Plan - Supplemental, Sampling Work Plan for Compressor Building Investigation*, NewFields, August 6, 2015 (NewFields, 2015b).

2.0 PROJECT DESCRIPTION

The Site is a closed sawmill and plywood manufacturing facility located in Bonner, Montana (**Figure 1**). The Compressor Building formerly occupied the northeastern portion of the Site. The former footprint of the building is shown on **Figure 2**. The Compressor Building was originally constructed prior to 1912 and remodeled several times between approximately 1920 and 1970.

Previous remedial soil excavation actions (Fire Pond Lagoon area, MW-13 area, and MW-15 area) were performed at neighboring locations to the Compressor Building (**Figure 2**). Each of these excavations exhibited soil sample results below 0.74 mg/kg total PCBs proximate to the former Compressor Building. Because of these results, the previous remedial excavation areas did not extend closer to the Compressor Building area.

2.1 PROJECT OBJECTIVES

The objective of the Compressor Building assessment was to evaluate potential PCB impacts by collection of subsurface fill and soil material samples from beneath and adjacent to the footprint of the building; and analyze the samples for total PCBs. Results of laboratory analysis for total PCBs were compared to the cleanup level of 0.74 milligram per kilogram (mg/kg) and the Toxic Substances Control Act (TSCA) waste cleanup level of 50 mg/kg.

2.2 SITE SETTING

2.2.1 Location and Topography

The Compressor Building area is located at the Site in the Blackfoot River valley at an approximate elevation of 3,240 feet above mean sea level (ft amsl) in Missoula County, Montana (**Figure 1**). The investigation area is 200 feet south of the Blackfoot River. The approximate center of the former Compressor Building is located at latitude 46.8754 and longitude -113.86793.

2.2.2 Hydrology/Hydrogeology

The mountains surrounding the lower Blackfoot River valley represent the northern boundary of the Sapphire block which is primarily composed of Precambrian-aged Belt Supergroup metasedimentary rocks. Nearby faults include the Clark Fork Fault, which is coincident with the Clark Fork River Valley; and the Blackfoot Thrust Fault, which is coincident with the Lower Blackfoot River Valley. Quaternary-aged alluvium in these valleys lies on top of the bedrock and generally consists of inter-bedded sand, gravel, and boulders with clay. The shallow alluvial aquifer system is unconfined and is hydraulically connected to the regional Missoula Aquifer system located to the west. The alluvial aquifer thickness below the former Site is estimated to be approximately 100 feet, with the bedrock surface ranging from 120 to 150 feet below ground surface (ft bgs) from east to west. Groundwater recharge is primarily from underflow through the Blackfoot River valley with smaller recharge volumes leaking from the Blackfoot River. Minor recharge likely comes from direct precipitation and groundwater flow from the upgradient bedrock located north of the Site (Weston, 2008).

Groundwater level measurements have been conducted routinely at monitoring wells located near the former Compressor Building since July 2012. Seasonal high groundwater levels occur in June, followed by a gradual decline into the winter months, with a gradual increase beginning in March/April. Groundwater depths near the Compressor Building area range from approximately 30 to 50 ft bgs. Groundwater flows to the south immediately adjacent to the Blackfoot River (River), which suggests a losing stretch of the River in the vicinity of the Compressor Building. Farther south from the River, groundwater flow generally parallels the flow of the River.

3.0 SITE ASSESSMENT

The *Addendum 2 to Final Cooling Pond Removal Work Plan - Sampling Work Plan for Compressor Building Investigation*, March 2015 (NewFields, 2015a), describes the study boundaries, sampling plan and protocols, and field sampling procedures used during May and June 2015 assessment activities. The supplemental Sampling Work Plan, *Addendum 2 to Final Cooling Pond Removal Work Plan – Supplemental*, August 2015 (NewFields 2015b), describes the study boundaries, sampling plan and protocols, and field sampling procedures used during August 2015 assessment activities. All drilling, field screening, and sampling methods not listed in the Addendum 2 Work Plans followed the previously approved Standard Operating Procedures (SOPs) found in the Sampling and Analysis Plan (SAP) for the Cooling Pond, Fire Pond Lagoon and East Log Track Areas (Envirocon & PBS&J, 2009).

3.1 SAMPLING WORK PLAN AND FIELD ACTIVITIES

Field activities were conducted in general accordance with the Sampling Work Plans and SAP. The assessment work was completed in three field events between May and August 2015. The first two field events included test pit excavations performed in late-May 2015 and drilling of rotosonic borings in early-June 2015. The initial results indicated that further characterization of PCB impacts in soil was necessary to more fully delineate PCBs in the Compressor Building area, and therefore, a supplemental assessment was completed in August 2015. A summary of field activities and sampling, including any deviations from the Work Plans, are detailed below.

3.2 SITE SURVEYS

Envirocon performed a survey of the assessment area using established survey control points in preparation for the Compressor Building assessment activities. Prior to the May/June 2015 assessment activities, test pit and rotosonic boring locations were established to assure that investigation locations corresponded to the former Compressor Building footprint. During the May/June 2015 assessment activities, the prearranged test pit and rotosonic boring locations encountered refusal due to large amounts of subsurface concrete and steel. Many proposed exploration locations had to be moved due to the subsurface obstructions. The revised exploration locations were re-surveyed following the June 2015 field work, and the supplemental investigation locations were surveyed following the August 2015 field work.

3.3 TEST PITS

On May 27, 2015, Envirocon and NewFields excavated seven test pits for subsurface sample collection (CB-TP-1 through CB-TP-7; **Figure 3**). The seven test pits were excavated to 15 ft bgs, with two exceptions. Test Pit CB-TP-4 (TP-4) was terminated at 7 ft bgs when the bottom of a metal tank was encountered (see photographs in **Appendix A**). The metal tank contained what appeared to be boiler ash. Because the contents of the tank were unknown, TP-4 was terminated at the bottom of the tank and a sample of ash material was collected from inside the tank area. Test Pit TP-7 was terminated at 13 ft bgs due to a large concrete structure that the excavator was not able to remove. For the remaining test pits, samples were collected from 5 foot vertical intervals (5, 10, and 15 ft bgs).

Test pit soil samples were manually collected from the leading edge of the backhoe bucket, ensuring that the collected sample volume was not in direct contact with the backhoe bucket. A total of 19 soil samples were collected from the seven test pits and submitted for laboratory analysis of PCBs using United States Environmental Protection Agency (EPA) Method 8082. EPA Method 8082 analyzes for the nine most common commercial mixtures of PCBs historically sold in the United States: Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260, Aroclor 1262, and Aroclor 1268.

In addition to PCB sample collection, PetroFlag® (Petroflag) immunoassay field screening was used to confirm whether PHC impacts were evident at the bottom of each test pit. When Petroflag screening indicated minimal or no PHC impacts to soil at the depth of 15 ft bgs, the test pit was terminated and a confirmation sample was collected from the base of the test pit. During the test pit excavations, all material removed from each test pit was temporarily piled next to the test pit on plastic sheeting. At the completion of each test pit, the material was immediately placed back into the test pit in the reverse order in which it was removed. Test pit field notes include sample information, sample descriptions, Petroflag results, and field observations (**Appendix B**). A brief description of observations from each of the seven test pits is included below. Locations of the test pits are shown on **Figure 3**.

3.3.1 Test Pit TP-1

CB-TP-1 (TP-1) was excavated to a depth of 15 ft bgs adjacent the northwestern corner of the former Compressor Building, nearest the sample collected by WMD in May 2014. Material encountered within the test pit appeared to be all fill material, consisting of gravel fill, pipes, and large blocks of concrete. PHC staining was observed from approximately 7 to 12 ft bgs along the southern edge of the pit (**Appendix A**, photographs #1 & #2).

3.3.2 Test Pit TP-2

TP-2 was excavated to a depth of 15 ft bgs near the west-central side of the former Compressor Building. This test pit was excavated between two concrete foundations. The concrete on the west wall extended from near ground surface to 6 ft bgs, while the concrete on the east wall extended to approximately 12 ft bgs. Material encountered between these concrete structures consisted of gravel fill material with numerous pipes and remnants from the building demolition, including wood debris and dark organics.

3.3.3 Test Pit TP-3

TP-3 was excavated to a depth of 15 ft bgs south of the southwest portion of the former Compressor Building. Material encountered within this test pit appeared to be entirely fill material, consisting of gravel fill, wood beams and wood waste material, pipes, electrical conduit, and numerous large blocks of concrete. A concrete chamber was encountered from approximately 2 to 12 ft bgs, and the test pit was advanced adjacent to the north side of this structure. Staining was observed from approximately 2 to 10 ft bgs within the pit, with no staining or odor in the gravel fill material from 10 to 15 ft bgs (**Appendix A**, photographs #3 & #4).

3.3.4 Test Pit TP-4

TP-4 was excavated to a depth of 7 ft bgs on the east side of the southwest portion of the former Compressor Building. Material encountered within this test pit included light brown soil and gravel fill material from ground surface to 2 ft bgs. Dark blue-black material presumed to be boiler ash was encountered at 2 ft bgs. As the excavation progressed below 2 feet bgs, it became apparent that the test pit was located inside of a buried tank with no lid or cover present. The test pit reached the flat bottom of the tank at approximately 7 ft bgs. The TP-4 excavation was halted, and subsequently backfilled after a sample of boiler ash was collected from the bottom of the tank (**Appendix A**, photographs #6 & #7).

3.3.5 Test Pit TP-5

TP-5 was excavated to a depth of 15 ft bgs south of the central portion of the former Compressor Building. The test pit uncovered a large concrete block from 0.5 to 3 ft bgs. The concrete block was removed prior to advancing the test pit past 3 ft bgs. From approximately 3.5 to 10 ft bgs, several pipes were encountered along with black stained soil/gravel fill material. Reddish-brown gravel fill material with numerous concrete blocks was encountered from 10 to 15 ft bgs.

3.3.6 Test Pit TP-6

TP-6 was excavated to a depth of 15 ft bgs adjacent the southeastern corner of the former Compressor Building. Loamy, dark colored soil containing broken brick, concrete, and other building demolition debris was observed within the test pit from ground surface to 5 ft bgs. Cobbles, boulders, and concrete with gravel fill material were primarily encountered below 5 ft bgs.

3.3.7 Test Pit TP-7

TP-7 was excavated to a depth of 13 ft bgs north of the central portion of the former Compressor Building, proximate to the former stairs and doorway along the north side of the building. This test pit encountered substantial amounts of concrete, brick debris, and pipe, with minor amounts of gravel fill material from ground surface to 13 ft bgs. This test pit was terminated at 13 ft bgs due to a large concrete structure that the excavator was unable to move (**Appendix A**, photograph #9).

3.4 Rotosonic Soil Borings – June 2015

On June 4, 5, and 8, 2015, Environmental West Exploration, Inc. drilled eight rotosonic borings in the former Compressor Building area. Four borings were completed within the footprint of the building (CB-1, CB-2, CB-4 and CB-5), and four borings were completed outside the building footprint (CB-6, CB-7, CB-8 and CB-9) and beyond the extent of the test pits (**Figure 3**). The additional borings placed outside the test pit assessment area were completed to delineate the horizontal and vertical extent of impacted soil identified during the May 2015 test pit assessment work. The June 2015 soil boring logs are included in **Appendix C**.

Thirty-three soil samples were collected from the eight borings and submitted for PCB analysis (EPA Method 8082) to delineate the extent of impacted soil in the former Compressor Building area. The soil cores from each boring were divided into intervals based on observed matrix characteristics, and

discrete samples were collected from the intervals that displayed PHC impacts. If no PHC impacts were observed, a representative sample from each interval was submitted for PCB analysis. In many instances, sample core recovery was not adequate to accurately characterize each 5-foot interval as described in the Work Plan. Also, concrete cores were not collected from the foundation of the Compressor Building as discussed in the Work Plan, because distinguishing between foundation concrete and the large amount of subsurface concrete encountered during drilling made this task difficult to achieve.

The soil borings were advanced to depths ranging from 28 to 39 ft bgs; with variations dependent on observed soil types, PHC impacts, and drilling refusal. Six of the eight borings did not reach the planned depth of 35 ft bgs due to drilling refusal. Several borings were attempted within the footprint of the former Compressor Building, but were not completed due to drilling refusal at depths ranging from 4.5 to 13 ft bgs.

Select samples were field-screened using Petroflag immunoassay test kits. A total of 43 discrete intervals from the soil borings were analyzed in the field using Petroflag. The Petroflag field screening was used to identify elevated PHC-impacted sample intervals from each boring for selection of samples submitted to the laboratory for analysis of PCBs.

3.5 Rotosonic Soil Borings – August 2015

On August 18 and 19, 2015, Environmental West Exploration, Inc. drilled five supplementary rotosonic borings at the former Compressor Building area. Four borings (CB-10, CB-11, CB-12 and CB-13) were completed laterally outside the June 2015 boring locations, and one boring (CB-14) was completed to further define PCB impacts to soil within the footprint of the building (**Figure 3**). The supplementary borings were each completed to 40 ft bgs. In each boring, one sample from approximately each 5-foot interval was collected and submitted for laboratory analysis of PCBs. Boring CB-14 was drilled adjacent to boring CB-1 to determine impacts below 27 ft bgs. Initial attempts to drill CB-14 immediately adjacent CB-1 encountered refusal and the location of CB-14 had to be moved farther from CB-1 than was planned. The August 2015 soil boring logs are included in **Appendix D**.

A total of 26 soil samples were collected from the five supplemental borings and submitted for analysis of PCBs (EPA Method 8082). No soil samples in the August 2015 supplemental assessment were field-screened using Petroflag immunoassay test kits because each sample collected was submitted for laboratory analysis. Laboratory analysis of samples from CB-10, CB-11, CB-12, and CB-13 was performed in phases, with the upper five samples analyzed first. If samples collected from the 20 to 25 ft bgs interval contained PCBs above 0.74 mg/kg total PCBs, the deeper samples were also analyzed for PCBs. The bottom sample from CB-11 (23 to 24 ft bgs) exceeded 0.74 mg/kg total PCBs; therefore, the additional deeper samples from that boring were analyzed. No other soil samples collected deeper than 25 ft bgs were analyzed for PCBs.

3.6 Analytical Results

3.6.1 Test Pit Results

The test pit sample results included analysis of 19 samples from seven test pits for PCBs (**Figure 3**). Eleven of the 19 soil samples analyzed exceed 0.74 mg/kg total PCBs; however, none of the test pit samples exceed the TSCA waste cleanup level of 50 mg/kg total PCBs. Only Aroclor 1254 was detected in the total PCBs analysis. The test pit results showed that additional borings were required to delineate PCB impacts in soil outside the footprint of the former Compressor Building. Tabulated sample results for the test pit samples are in **Table 1**, and laboratory analytical results are in **Appendix E**.

3.6.2 Rotosonic Soil Boring Results – June 2015

The June 2015 rotosonic soil boring sample results included analysis of 33 samples collected from eight borings (**Figure 3**). Thirteen of the 33 soil samples exceed 0.74 mg/kg total PCBs. As in the test pit results, only Aroclor 1254 was detected in the total PCBs analysis. Seven of the 13 samples that exceed the 0.74 mg/kg cleanup level also exceed the TSCA waste cleanup level of 50 mg/kg total PCBs. Five borings (CB-1, CB-2, CB-4, CB-5, and CB-7) had exceedances of 0.74 mg/. Two of these borings (CB-1 and CB-5) also show exceedances of the TSCA waste cleanup level. Tabulated sample results from the June 2015 soil borings are in **Table 2**, and laboratory analytical results are in **Appendix F**.

3.6.3 Rotosonic Soil Boring Results – August 2015

The August 2015 rotosonic soil borings were completed to further delineate impacts identified in the June 2015 soil boring assessment activities. Twenty-six soil samples were collected from the five supplemental borings and submitted for analysis of PCBs (**Figure 3**).

Results show nine of the 26 soil samples exceed 0.74 mg/kg total PCBs, with each soil boring containing at least one sample that exceeds this level. The sample collected at 23 to 24 ft bgs in CB-11 (CB-11-5) detected total PCBs at 1.2 mg/kg, and per the Sampling Work Plan, all three samples beneath this sample interval were subsequently submitted for laboratory analysis. Sample (CB-11-6) collected at 28 to 29 ft bgs showed an Aroclor 1254 concentration at 1.3 mg/kg. Samples in CB-11 collected from 33 to 34 ft bgs and 39 to 40 ft bgs were below 0.74 mg/kg total PCBs.

CB-14 was drilled adjacent to CB-1 to delineate PCB impacts deeper than 27 ft bgs. Each of the three samples collected in CB-14 detected concentrations above 0.74 mg/kg. Sample CB-14-1, collected from a depth of 28 to 29 ft bgs, detected PCBs at 470 mg/kg. The bottom two samples collected from CB-14 at 32 to 33 ft bgs and 39 to 40 ft bgs both exceed 0.74 mg/kg total PCBs. Tabulated sample results from the August 2015 soil borings are in **Table 3**, and laboratory analytical results are in **Appendix G**.

4.0 CONCLUSIONS

The objective of this assessment was to collect sufficient data to assess the presence and distribution of PCB-impacted soil in the vicinity of the former Compressor Building. The analytical data will be used to estimate the quantity of impacted soil associated with the former Compressor Building area for future remedial actions.

Sample results indicate that the highest concentrations of PCB-impacted soil are located beneath the western end of the former Compressor Building (**Figures 2 and 3**). All soil samples that exceed the TSCA waste cleanup level were collected in this area of the former building. Borings located in this area include CB-1, CB-5, and CB-14. PCB impacts in soil above the TSCA waste disposal level of 50 mg/kg extend from approximately 8 to 30 ft bgs in the western portion of the former building. No samples collected from outside the footprint of the former building exceed the TSCA waste disposal level; however, samples outside the former building area exceed 0.74 mg/kg total PCBs. The majority of samples exceeding 0.74 mg/kg are within 15 feet of ground surface, with the exception of CB-7 and CB-11 which exceed this level from 25 to 29 ft bgs, respectively.

The assessment delineated the areal extent of PCB-impacted soil to the north, west, south, and southwest of the former building. Delineation to the east of the building was not necessary because the prior MW-15 remedial excavation had already been completed in that area. Boring CB-12 shows impacted soil above 0.74 mg/kg from 8 to 13 ft bgs south of the building; however, based on the presence of impacts detected in CB-7 (from 6 to 25 ft bgs), which is located immediately north of CB-12, the aerial extent of impacted soils appears to quickly diminish as distance from the presumed source area increases.

Figure 4 shows the approximate areal extent of PCB-impacted soil characterized in this investigation. NewFields estimates the total volume of PCB-impacted soil (exceeding 0.74 mg/kg) for the former Compressor Building area is 2,565 cubic yards, with approximately 1,230 cubic yards of this total exceeding the TSCA waste disposal level.

5.0 LIMITATIONS

This assessment has been conducted in a professional manner in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by environmental consultants under similar circumstances. No other warranties, expressed or implied, are made. Opinions and conclusions presented in this report are based on the site conditions at the time of the work and for the laws in effect at that time. We are not responsible for any changes in environmental standards, practices, or regulations subsequent to performance of services. This report is not meant to represent a legal opinion. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report. This report was prepared by:

NewFields Companies, LLC

Tyler Etzel
Senior Geologist

Doug Rogness
Principal Scientist

6.0 REFERENCES

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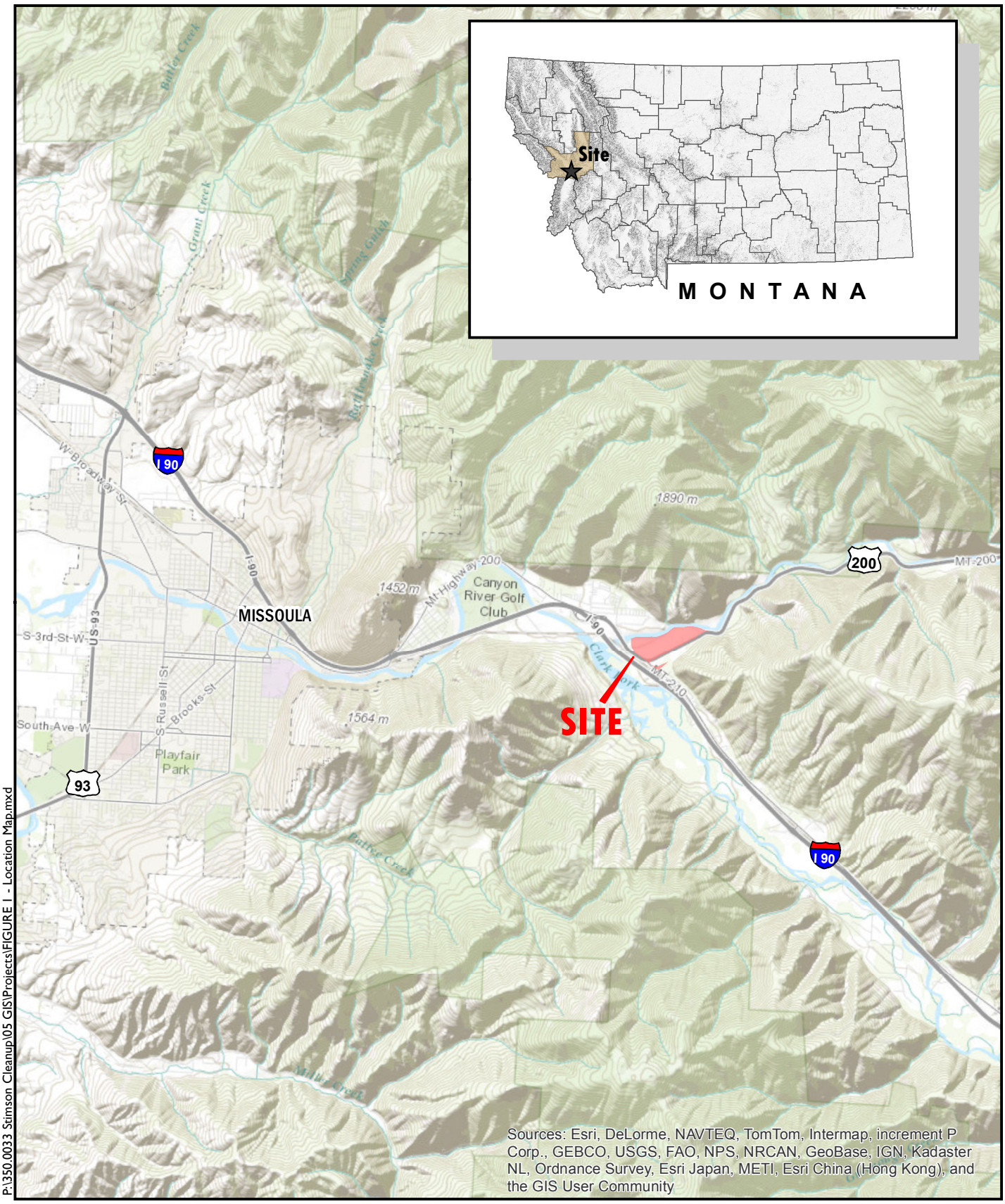
FIGURES

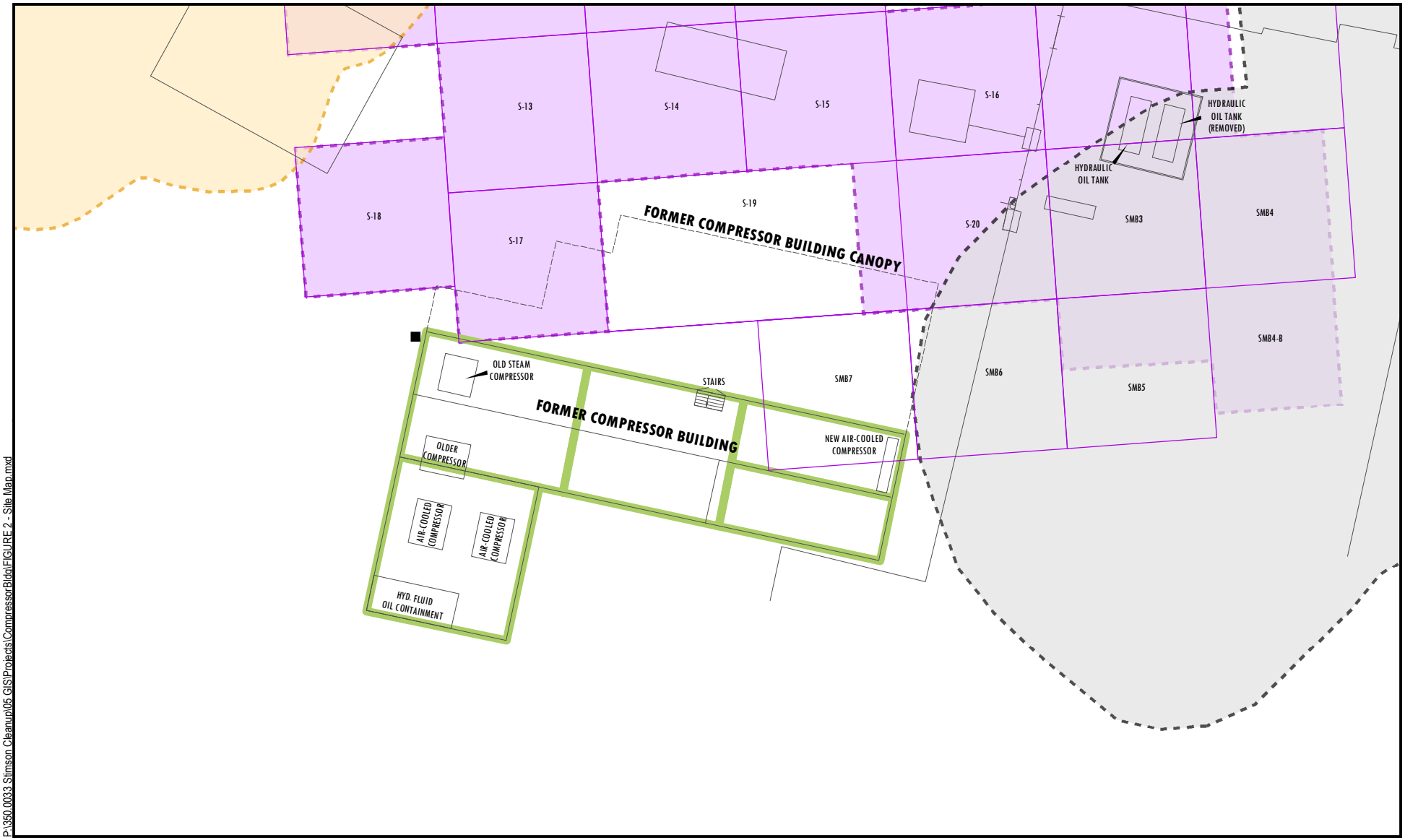


P:\350.0033 Stimson Cleanup\05 GIS\Projects\FIGURE 1 - Location Map.mxd

0 Feet 10,000

NewFields

Location Map
Former Stimson Bonner Millsite
Bonner, Montana
FIGURE 1



N

0 Feet 30

Respec Sample Location

Grid

MW-13 Area Excavation

MW-15 Area Excavation Extent

Fire Pond Lagoon Excavation

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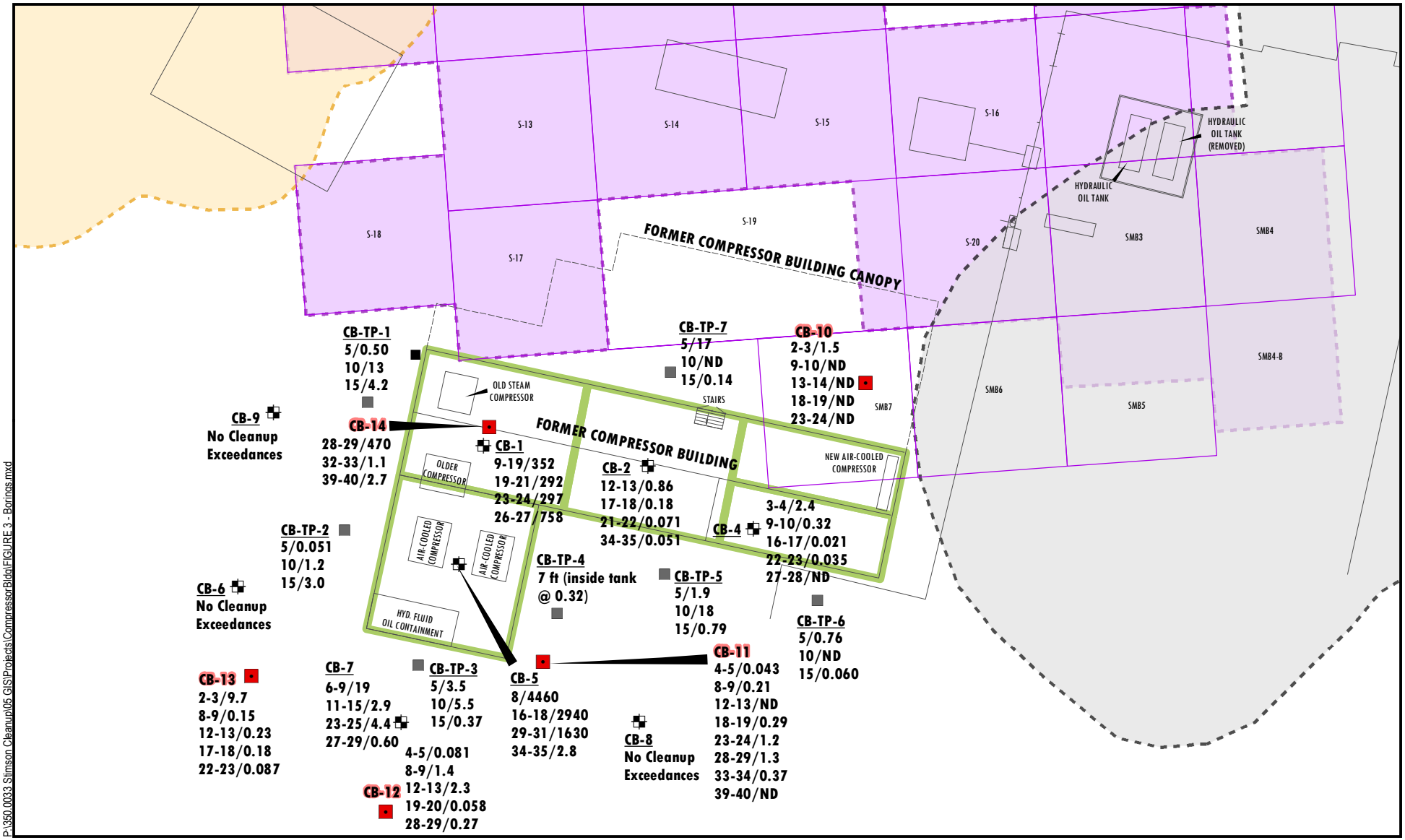
Site Map
Compressor Building Assessment Report
Former Stimson Bonner Millsite
Bonner, Montana
FIGURE 2



P:\350.0033 Stimson Cleanup\05 GIS\Projects\CompressorBldg\FIGURE 3 - Borings.mxd

N

0 Feet 30

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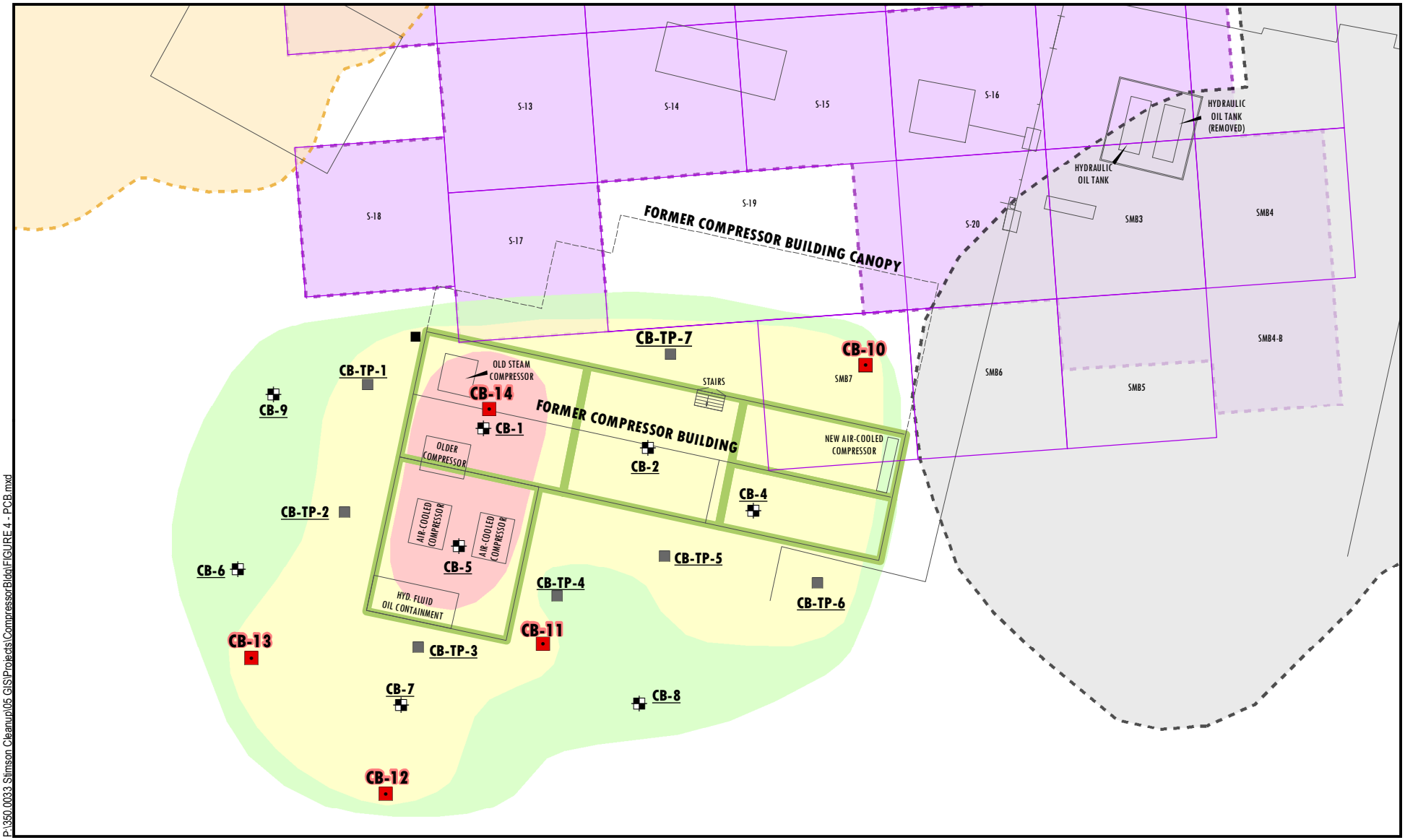
MW-13 Area Excavation
MW-15 Area Excavation Extent
Fire Pond Lagoon Excavation
Grid

Boring Location
Respec Sample Location
Test Pit Location
Supplemental Boring Location

Sample Depth (feet bgs)/Aroclor 1254 (ppm)
ND - Not Detected

Site Assessment Results
Compressor Building Assessment Report
Former Stimson Bonner Millsite
Bonner, Montana
FIGURE 3



P:\350.0033 Stimson Cleanup\05 GIS\Projects\CompressorBldg\FIGURE 4 - PCB.mxd

N

0 Feet 30

NewFields

- Respec Sample Location
- Boring Location
- Supplemental Boring Location
- Test Pit Location
- Grid
- MW-13 Area Excavation
- MW-15 Area Excavation Extent
- Fire Pond Lagoon Excavation

PCBs (ppm)

- > 50
- 0.74 - 50
- <0.74

Approximate Aerial Extent - PCBs
Compressor Building Assessment Report
Former Stimson Bonner Millsite
Bonner, Montana
FIGURE 4

TABLES

Table 1 - Test Pit Sample Data

Test Pit ID#	Date	Sample ID	Sample Depth [ft bgs]	PetroFlag Screening [ppm]	Aroclor 1254[1] mg/kg (ppm)
TP-1	5/27/2015	TP1-1	5	ns	0.50
		TP1-2	10	ns	**13**
		TP1-3	15	110	**4.2**
TP-2	5/27/2015	TP2-1	5	ns	0.051
		TP2-2	10	ns	**1.2**
		TP2-3	15	154	**3.0**
TP-3	5/27/2015	TP3-1	5	60	**3.5**
		TP3-2	10	ns	**5.5**
		TP3-3	15	63	0.37
TP-4	5/27/2015	TP4-inside tank	7	ns	0.32
TP-5	5/27/2015	TP5-1	5	ns	**1.9**
		TP5-2	10	ns	**18**
		TP5-3	15	214	**0.79**
TP-6	5/27/2015	TP6-1	5	ns	**0.76**
		TP6-2	10	ns	ND
		TP6-3	15	40	0.060
TP-7	5/27/2015	TP7-1	5	ns	**17**
		TP7-2	10	ns	ND
		TP7-3	13	25	0.14

Notes: ns indicates no PetroFlag screen was completed on the sample

[1] no other aroclors were detected in total PCBs analysis

>50 ppm (TSCA waste cleanup disposal level)

>0.74 ppm and <50 ppm (AOC cleanup level)

Table 2 - June 2015 Rotosonic Boring Data

Boring ID#	Date	Sample ID	Sonic Interval [ft bgs]	Sample Interval [ft bgs]	PetroFlag Screening [ppm]	Aroclor 1254[1] mg/kg (ppm)
CB-1 (CB-1B)	6/4/2015	CB1B-1	9-19'	9-19'	ns	**352**
		CB1B-2		19'	>2,000	----
		CB1B-3	19-29'	19-21'	1,226	**294**
		CB1B-4		23-24'	>4,000	**297**
		CB1B-5		26-27'	>2,000	**758**
CB-2 (CB-2B)	6/9/2015	CB2B-1	8-18'	12-13'	917	**0.86**
		CB2B-2		15-16'	920	----
		CB2B-3		17-18'	925	0.18
		CB2B-4	18-28'	21-22'	941	0.071
		CB2B-5		27-28'	945	----
		CB2B-6	28-38'	34-35'	957	0.051
CB-4	6/9/2014	CB4-1	0-8'	3-4'	1,125	**2.4**
		CB4-2		4.5-6'	1,128	----
		CB4-3	8-18'	9-10'	1,145	0.32
		CB4-4		16-17'	1,150	0.021
		CB4-5	18-28'	22-23'	>2,000	0.035
		CB4-6		27-28'	101	ND
CB-5	6/4/2015	CB5-1	0-8'	1.5-2'	1,417	----
		CB5-2		4.5-5'	1,044	----
		CB5-3	8-9'	8	1,118	**4,460**
		CB5-5	9-19'	16-18'	1,518	**2,940**
		CB5-6	19-29'	21-22'	1,545	----
		CB5-7		27-28'	1,305	----
		CB5-8	29-39'	29-31'	2,668	**1,630**
		CB5-9		34-35'	63	**2.8**
CB-6	6/5/2015	CB6-1	0-9'	6-8'	299	0.62
		CB6-2	9-19'	13-14'	35	0.085
		CB6-3	19-29'	22-23'	98	0.55
		CB6-4		26-27'	42	----
		CB6-5		29-29'	41	0.69
CB-7	6/5/2015	CB7-1	0-9'	6-9'	175	**19**
		CB7-2	9-19'	11-15'	63	**2.9**
		CB7-3	19-29'	23-25'	54	**4.4**
		CB7-4		27-29'	30	0.60
CB-8	6/5/2015	CB8-1	0-8.5'	2.5-3.5'	69	0.44
		CB8-2		7.5-8.3'	26	0.030
		CB8-3	8.5-18.5'	15-18.5'	28	0.12
		CB8-4	18.5-28.5'	25-28.5'	81	0.17

Table 2 - June 2015 Rotosonic Boring Data

Boring ID#	Date	Sample ID	Sonic Interval [ft bgs]	Sample Interval [ft bgs]	PetroFlag Screening [ppm]	Aroclor 1254[1] mg/kg (ppm)
CB-9	6/9/2015	CB9-1	0-8'	5-6'	142	----
		CB9-2		7.5-8'	58	----
		CB9-3	8-18'	9-10'	101	ND
		CB9-4		16-17'	63	ND
		CB9-5	18-28'	19-20'	89	0.12
		CB9-6		27-28'	131	ND

Notes: ns indicates no PetroFlag screen was not completed on the sample

[1] no other aroclors were detected in total PCBs analysis

ND indicates that arochor 1254 was not detected above the laboratory reporting limit

---- indicates no analysis was performed on the indicated soil interval

>50 ppm (TSCA waste cleanup disposal level)

>0.74 ppm and <50 ppm (AOC cleanup level)

Table 3 - August 2015 Rotosonic Boring Data

Boring ID#	Date	Sample ID	Sonic Interval [ft bgs]	Sample Interval [ft bgs]	PetroFlag Screening [ppm]	Aroclor 1254[1] mg/kg (ppm)
CB-10	8/18/2015	CB-10-1	0-7'	2-3'	ns	**1.5**
		CB-10-2	7-13'	9-10'	ns	ND
		CB-10-3	13-17'	13-14'	ns	ND
		CB-10-4	17-27'	18-19'	ns	ND
		CB-10-5		23-24'	ns	ND
		CB-10-6	27-37'	29-30'	ns	----
		CB-10-7		33-34'	ns	----
		CB-10-8	37-40'	38-39'	ns	----
CB-11	8/18/2015	CB-11-1	0-7'	4-5'	ns	0.043
		CB-11-2	7-17'	8-9'	ns	0.21
		CB-11-3		12-13'	ns	ND
		CB-11-4	17-27'	18-19'	ns	0.29
		CB-11-5		23-24'	ns	**1.2**
		CB-11-6	27-37'	28-29'	ns	**1.3**
		CB-11-7		33-34'	ns	0.37
		CB-11-8	37-40'	39-40'	ns	ND
CB-12	8/18/2015	CB-12-1	0-7'	4-5'	ns	0.081
		CB-12-2	7-17'	8-9'	ns	**1.4**
		CB-12-3		12-13'	ns	**2.3**
		CB-12-4	17-27'	19-20'	ns	0.058
		CB-12-5	27-37'	28-29'	ns	0.27
		CB-12-6		32-33'	ns	----
		CB-12-7	37-40'	39-40'	ns	----
CB-13	8/18/2015	CB-13-1	0-7'	2-3'	ns	**9.7**
		CB-13-2	7-17'	8-9'	ns	0.15
		CB-13-3		12-13'	ns	0.23
		CB-13-4	17-27'	17-18'	ns	0.18
		CB-13-5		22-23'	ns	0.087
		CB-13-6	27-37'	28-29'	ns	----
		CB-13-7		32-33'	ns	----
		CB-13-8	37-40'	38-39'	ns	----
CB-14	8/19/15	CB-14-1	27-37'	28-29'	ns	**470**
		CB-14-2		32-33'	ns	**1.1**
		CB-14-3	37-40'	39-40'	ns	**2.7**

Notes: ns indicates no PetroFlag screen was not completed on the sample

[1] no other aroclors were detected in total PCBs analysis

ND indicates that arochor 1254 was not detected above the laboratory reporting limit

---- indicates no analysis was performed on the indicated soil interval

>50 ppm (TSCA waste cleanup disposal level)

>0.74 ppm and <50 ppm (AOC cleanup level)

APPENDIX A
Site Assessment Photographs

Photo 1. TP-1

Photo 2. TP-1, view of south wall

Photo 3. TP-3, ground surface to 3 ft bgs

Photo 4. TP-3, ground surface to 8 ft bgs

Photo 5. TP-6, ground surface to 12 ft bgs

Photo 6. TP-4, first indication of buried tank

Photo 7. TP-4, inside of tank at 7 ft bgs

Photo 8. TP-2, ground surface to 8 ft bgs

Photo 9. TP-7

Photo 10. CB-2B, 0 to 8 ft bgs

Photo 11. CB-4, 0 to 8 ft bgs

Photo 12. CB-5, 19 to 29 ft bgs

Photo 13. CB5-8, 29 to 31 ft bgs

Photo 14. CB-1B, 22 to 29 ft bgs

Photo 15. CB7-1, 6 to 9 ft bgs

APPENDIX B
Test Pit Field Notes

DAILY FIELD RECORD

NewFields
Perspective. Vision. Solutions.

Project and Task Number: 350.0058.005	Date: 5/27/2015
Project Name: Stimson	Field Activity: Test Pit Excavation
Location:	Weather: Partly Cloudy w/ chances of rain

Personnel: Name	Company	Time in	Time Out
Ty Schmeckel	NewFields	7:00am	
Louise Spencer	NewFields	7:00am	
Tyler Etzel	NewFields	7:00am	
Curt ~~[illegible]~~ Waringa	Envirocon	7:10am	
Dallas	Envirocon	7:10am	
Steven Petrin	Stimson Lumber	7:25am	3:10pm
Kieth Langer	DEQ	8:44am	

PERSONAL SAFETY CHECKLIST

	Steel-toed boots		Hard Hat		Traffic Vest
	Gloves		Safety Goggles		Ear Protection

TIME	DESCRIPTION OF WORK PERFORMED
7:00am	Ty & Louise arrived on-site
7:10am	Curt & Dallas arrived on-site
7:20am	Health & Safety Meeting
7:25am	Steven arrived on-site
7:55am	Excavation of TP 1 begins
8:00am	Tyler decided to move TP 1 excavation slightly West due to concrete foundation
8:15am	TP1 excavated to 5 ft & TP1-1 5' taken
	↳ TP1:
	unconsolidated { 0-2 ft ⇒ numerous cobbles & pebbles mixed w/ soil and root systems
	2-5 ft ⇒ predominantly soil w/ several pipes & pieces of concrete foundations exposed
	5-10 ⇒ predominantly soil w/ cobbles, pebbles, & boulders, as well as utility piping and pieces of construction debris (i.e. bricks). ~~[illegible]~~
8:25am	TP1 excavated to 10' & TP1-2 10' taken
	unconsolidated { 10-13 ft ⇒ wood cribbing, soil, cobbles, pebbles, & boulders
	13-15 ft ⇒ cobbles, boulders, & soils
	↳ Black material noted in areas throughout excavation pit - presumably burned material
8:40am	TP1 excavated to 15' & TP1-3 15' taken

DAILY FIELD RECORD

NewFields
Perspective. Vision. Solutions.

Date: 5/27/15

TIME	DESCRIPTION OF WORK PERFORMED
8:45 am	Petroflag calibrated at 27.2°C
9:05 am	PID for TP1-3 = 110 ppm
9:30 am	TP1 filled w/ excavated soil
9:35	TP3 Excavation begins:
	0-1 ft => brown soil encountered with concrete debris
	1-2 ft => buried concrete vault encountered on north side of pit -- moved excavation 2-3 ft SE
	2-5 ft => oil staining visible in soil of test pit ↳ predominantly soil w/ construction debris (bricks & concrete) ↳ utility piping present in soil ↳ concrete vault extends down north-side of excavation pit
9:40 am	TP3 excavated to 5' & TP3-1 taken ↳ oil odor & staining noted by Tyler E.
	5-10 ft => red & brown soils with boulders, cobbles, & pebbles (alluvial & unconsolidated) ↳ utility pipe end at ~ 5 ft ↳ concrete vault ends at ~ 12 ft.
9:50 am	TP3-2 sample taken at 10ft - staining & petroleum odor noted 10-15 ft => Reddish-brown soil w/ large amount of cobbles (alluvial); unconsolidated; some organics noted ↳ no staining or petroleum odors noted
10:10 am	TP3-3 sample taken @ 15 ft - No staining or petroleum odors noted
10:30 am	TP3 refilled w/ excavated soil
10:32 am	TP3-1 PID = 160 ppm TP3-3 PID = 163 ppm
10:40 am	TP6 excavation begins
10:48 am	TP6-1 taken @ 5 ft. 0-5 ft: construction debris (bricks, wood, & concrete) from 0-2 ft.; organic rich soil w/ some cobbles & pebbles from 3-5 ft.; one large concrete block excavated
11:00 am	TP6-2 taken @ 10 ft. 5-10 ft: reddish-brown/purple soils w/ cobbles, pebbles, and boulders (alluvial); large rock embedded in North side of pit; patch of black soil on north wall appears to be organic or burnt
11:05 am	TP6-3 taken @ 15 ft. 10-15 ft: predominantly reddish-purplish-brown soil with mostly cobbles & pebbles - some small boulders

DAILY FIELD RECORD

NewFields
Perspective. Vision. Solutions.

Date: 5/27/15

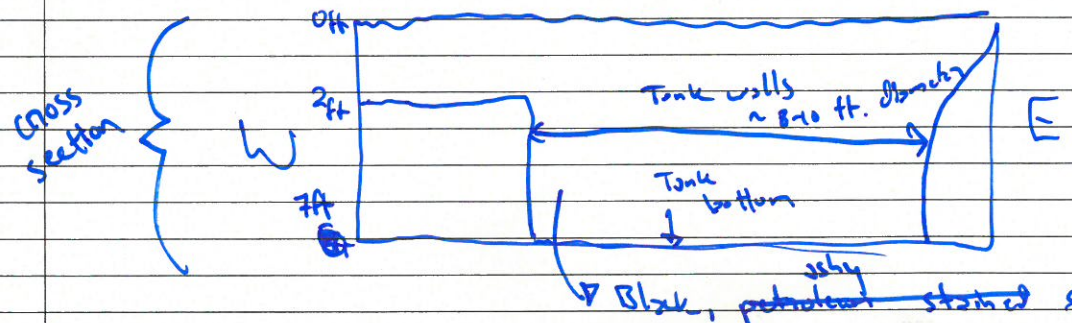
TIME	DESCRIPTION OF WORK PERFORMED
11:25am	TP6 re-filled w/ excavated soil
11:09am	TP6-3 PID = 40 ppm
11:37am	TP5 Excavation Begins
12:10pm	TP5-1 taken @ 5'
	0-5 ft: Dark brown soil w/ pebbles & cobbles as well as root materials from 0-2 ft. Large amount of construct debris including 5x10 ft concrete block & numerous pipes. From 3-5 ft is predominantly brown soil with alluvial cobbles, pebbles, & small boulders
12:16pm	TP5-2 taken @ 10'
	5-10 ft: Dark blackish-brown & reddish brown soil with pebbles, large cobbles, & small boulders; layer of concrete ~7 ft down on west wall
12:24pm	TP5-3 taken @ 15'
	10-15: Reddish-brown soil w/ numerous alluvial cobbles & some ~~smaller~~ small boulders and pebbles
12:43pm	TP5 re-filled w/ excavated soil
12:45	TP5-3 PID = 214 ppm
12:50	TP4 Excavation Begins

[redacted]:

0-7 ft:

↳ 0-2 ft => light brown soil w/ cobbles & pebbles & some root system

↳ 2-8? ft => large (~8-10 ft diameter) tank with extensive ~~petroleum~~ ssh staining -- soil inside tank is black from ~~petroleum~~ ssh; tank walls show evidence of rusting - Tank had no lid => open tank that was filled in?



1:09 pm	TP4 Excavation on hiatus... Excavation switches to TP2.
1:18 pm	TP4 stained soil sampled from ~~stockpile~~ spoils for petrofluy
1:35 pm	TP4 spoils PID = 1567 ppm

DAILY FIELD RECORD

NewFields
Perspective. Vision. Solutions.

Date: 5/27/15

TIME	DESCRIPTION OF WORK PERFORMED
1:15 pm	TP2 Excavation Begins
1:30 pm	TP2-1 sample taken @ 5' - Excavation moved 7-10 ft South due to concrete foundation 0-5 ft: ↳ Light brown soil w/ cobbles, pebbles, & small boulders - concrete foundation on NW corner ~ 8ft thick; leaking water pipe in NW corner; construction debris - concrete foundation on East wall ~ 5-6 ft thick - dark organics in soil likely from wood debris
1:40 pm	TP2-2 sample taken @ 10' 5-10 ft: ↳ light brown soil w/ cobbles, pebbles, & small boulders ↳ dark organics in soil likely from wood debris associated w/ former operations
1:46 pm	TP2-3 sample taken @ 15' 10-15 ft: ↳ light brown soil w/ cobbles, pebbles, & small boulders ↳ dark organics in soil likely from wood debris associated w/ former operations ↳ concrete wall on west bank extends to depth of ~12 ft. from surface
2:10 pm	TP2 re-filled w/ excavated soil
2:18 pm	TP2-3 PID = 154 ppm
2:15 pm	TP7 Excavation Begins
2:22 pm	TP7-1 sample taken @ 5' 0-5 ft: · Substantial amounts of construction debris - concrete slabs along north bank & bottom of pit; bricks; ~~wiring~~ pipes, & support wires · soil is brown w/ cobbles, pebbles, & small boulders · dark organics in soil likely from wood debris associated w/ former operations

DAILY FIELD RECORD

NewFields
Perspective. Vision. Solutions.

Date: 5/27/15

TIME	DESCRIPTION OF WORK PERFORMED
2:31 pm	TP7-2 sample taken @ 10' 5-10 ft: ↳ Substantial amounts of brick exposed ↳ concrete basement room exposed on NW corner ↳ concrete on all four walls of test pit ↳ soil is light brown to reddish brown (from brick) with clayey texture -- contains cobbles, pebbles, & construction debris
2:38 pm	TP7-3 sample taken @ 13' ↳ refusal due to concrete obstruction ↳ 10-13 ft: same as from 5-10 ft
2:51 pm	TP7 re-filled w/ excavated soil
3:00 pm	TP7-3 PID = 25 ppm
3:15 pm	TP4 re-filled w/ excavated soil

APPENDIX C

June 2015 Soil Boring Logs

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB1	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Ron
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL:
DATE START: 6/4/15
DATE FINISH: 6/4/15
LOGGER: Ty S.

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
4.5'	0-4.5 50%				- Top soil @ 0-1' - Concrete @ [redacted]. 1'	- CB1 moved 1 ft SE * Stopped because of concrete refusal
5						
10						
15						
20						
25						
30						
35						

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB-1B	1	1

SOIL BORING LOG

PROJECT: Stimson — LOCATION: Bonner, MT

DRILLER NAME: Ron — DRILLING CONTRACTOR: Environmental West Exploration

DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core

WATER LEVEL: — DATE START: 6/4/15 — DATE FINISH: 6/4/15 — LOGGER: Ty S.

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
0	0-9 40%				- Gravel fill material ~~w/ moisture~~ from building demolition w/ moisture →	- CB1 moved 8' SE - moisture is from drill -
5						
9'						
10			16:20 1		- Wood debris & brick @ 9'	- strong petroleum odor
	9-19 15%	9-19				
15			16:50 2			
19'		19			- Concrete @ 19'	- Strong petroleum odor
20	19-21' 40%	19-22	3 18:50	1226	- Black stained, gravel fill material @ 19.4'	- CB1B-3 => only 5 g. sampled
22'						
		23-24	4 18:20	<4,000	- Blackish grey, ~~medium~~ fine - grained ~~sand~~ sand @ ~~22~~ 23' -- petroleum odor	
25	22-29 50%				- silty clay w/ gravel @ 26'	
		26-27	5 18:30	<2,000	- concrete w/ gravel @ 28'	-
29'					-steel pipe @ 28.5'	
30						
35						

NewFields

PROJECT NUMBER	BORING NUMBER			
350.0033	~~CB~~ CB3	SHEET 1	OF 1	

SOIL BORING LOG

PROJECT: Stimson — LOCATION: Bonner, MT

DRILLER NAME: Ron — DRILLING CONTRACTOR: Environmental West Exploration

DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core

WATER LEVEL: — DATE START: 6/5/15 — DATE FINISH: 6/5/15 — LOGGER: Ty S.

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
0	0-9 100%	1.5-2	9:45 1	>2000	- Gravel fill material @ 0-1.5'	
			9:45 ↑		- Concrete dust @ 1.5'	
5		4.5-5	2	222	- Silty gravel @ 4.5'	
			9:45 ↑		- Cleaned, washed gravel w/ sand @ 8.5'	
0-9		8.5-9	3	30		
~~10~~	9-13 100%				- Concrete w/ gravel @ 11'	- Refusal @ 13'
15						
20						
25						
30						
35						

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB5	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Ron
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL: —
DATE START: 6/4/5
DATE FINISH: 6/4/5
LOGGER: Ty S

DEPTH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
5 ft	0-8 100%	1.5 ft	1-9:30am 1417 ppm		- 0-1.5': fill material - Concrete dust @ 1.5'	- 1st core 0-8 ft - 2nd core 8-9 ft
		4.5 ft	2 - 9:50am	1044 ppm	- Concrete cobbles @ 4.5'	
		6.5 ft	X		- Gravel fill material w/ moisture @ 6.5 ft	→ Moisture is from drill
8			10:10am			
9	8-9 100%	8 ft	3	1118 ppm	- Gravel fill material w/ slight oily odor @ 8'	
10 ft			11:30am			
		10-12 ft	4	1457 ppm	- Large gravel & cobbles w/ silt @ 9'	- 40% non-recovery inferred to be large gravel & cobbles w/ silt
	9-19					
15 ft	60%		11:30am			
		16-18 ft	5	1518 ppm		
19					- Boulder @ 18.5'	
			12:40			
20 ft		21-22 ft	6	1545 ppm	- Large gravel & cobbles w/ silt @ 19'	
	19-29 ft				- Concrete w/ cobbles @ 24'	
25 ft	100%		12:40		- Native, pink gravels @ 25.5'	
		27-28 ft	7	1305 ppm		
29 ft			13:00			
30 ft		29-31 ft	8	21668 ppm	- Cobbles & large gravel w/ coarse grained sand @ 29'	- Strong petroleum odor @ 29-31' - CB5-8 only sampled 5 g
	29-35 ft					
			13:20			
		34-35 ft	9	6351 ppm		
35 ft						

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB6	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Ron
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL:
DATE START: 6/5/15
DATE FINISH: 6/5/15
LOGGER: TJS

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
5'	0-9' 60%	6-8'	11:40 1		- Asphalt @ 0' - Gravel fill material @ 4" - light brown - Sandy clay w/ pebbles & cobbles and staining @ 4' - greyish brown - Gravel fill material @ 6' - greyish brown - Sandy silt w/ pebbles & cobbles @ 8' - Light green quartzite boulder @ 9'	
9'						
10'	9-19 75%	13-14'	12:05 2		- Light brown sandy silt w/ pebbles and cobbles @ 10'	
15'						
19'						
20'	19-29 80%	22-23 24-27 28-29	12:30 3 12:36 4 12:50 5		- Fine-to-coarse gravel w/ some silty matrix @ 19' - Light brown sandy silt with cobbles & gravel @ 24', native - Light brown silty sand with cobbles & gravel @ 28'	
25'						
29'						
30'						
35'						

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB7	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Ron
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL:
DATE START: 6/5/15
DATE FINISH: 6/5/15
LOGGER: Ty S

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
5'	0-9' 80%	6-9	13:30 1		-Gravel fill/road base material @ 0' -- light brown - Sand & gravel loam - dark brown/grayish @ 6'	
9'						
10'	9-19' 25%	11-15'	13:40 2		- Light brown cobbles & pebbles (gravel) with sandy silt @ 11'	
15'						
19'					- Native gravels (cobbles & pebbles) w/ light brown silty sand @ 19'	
20'	19-29' 55%	23-25	14:00 3			
25'		27-29	14:05 4			
29'						
30'						
35'						

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB8	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Ron
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL:
DATE START: 6/5/15
DATE FINISH: 6/5/15
LOGGER: TyS

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
5'	0-8.5' 65%	2.5-3.5'	15:10 1		- grey gravel fill material with some loamy material @ 0'	
8.5'		7.5-8.5'	15:15 2		- Native gravels, pebbles, cobbles in silty sand; brownish-red @ 7.5'	
10'	8.5-18.5' 45%				- boulders, cobbles, & pebbles @ 10.5'	
15'		15-18.5'	3 @ 10:00		- Cobbles & pebbles in a light brown sandy silt matrix @ 15' - 27.5' w/ red quartzite @ 18.5' (cobble)	- Low Recovery from 8.5' - 27.5'
18.5'						
20'	18.5-28.5' 35%					
25'		25-28.5'	10:20 4			
30'						
35'						

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB2B	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Greg
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL: /
DATE START: 6/9/2015
DATE FINISH: 6/9/15
LOGGER: LS

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
0-8'	50%				wood debris & pulverized brick	
					8-11' concrete	No odors/staining
		12-13	1	917	12-14 gravel fill	
		13-14	±		14-15 concrete	
8-18'	85%	15-16	2	920	15-18 silty gravels w/sand dark brown	
		17+18	3	925		
					18-28 native silty gravels	
		21-22	4	941		
18-28'	95%					No odors/staining
		27-28	5	945	26-28 sandy gravel	
					28-30 sandy gravel	
					30-38 silty gravel	
28-38'	100%	34-35	6	957		

Borehole terminated at 38 ft bgs

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB4	1	1

SOIL BORING LOG

PROJECT: Stimson
LOCATION: Bonner, MT
DRILLER NAME: Greg
DRILLING CONTRACTOR: Environmental West Exploration
DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core
WATER LEVEL: /
DATE START: 6/9/15
DATE FINISH: 6/9/15
LOGGER: LS

DEPTH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
					0-3' bgs topsoil loam	
0-8ft	75%	3-4	1	1125	3-4.5' concrete	no odor
		4.5-6	2	1128	4.5-8' gravel fill material black staining from 4.5-5.5'	
		9-10	3	1145	8-12' silty gravel	
8-18ft	75%				12-18' sandy gravel w/ silt	no odor
		16-17	4	1150		
18-28ft	95%	22-23	5	>2000 (over)	18-28' sandy gravel w/ silt	no odor
		27-28	6	101		Borehole terminated at 28ft bgs

NewFields

PROJECT NUMBER	BORING NUMBER	SHEET	OF
350.0033	CB9	1	1

SOIL BORING LOG

PROJECT: Stimson — LOCATION: Bonner, MT

DRILLER NAME: Greg — DRILLING CONTRACTOR: Environmental West Exploration

DRILLING METHOD AND EQUIPMENT: Sonic Continuous Core

WATER LEVEL: — — DATE START: 6/9/2015 — DATE FINISH: 6/9/2015 — LOGGER: LS

DEPETH BE(LOW SURFACE (FT)	SAMPLE: SONIC INTERVAL RECOVERY (%)	SAMPLE: SAMPLE DEPTH INTERVAL (ft bgs)	SAMPLE: INTERVAL ID #	Petro Flag (ppm)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: OBSERVATIONS (ODOR, STAINING, DRILLING RATE, DRILLING ISSUES, ETC.)
0-8ft	75%				0-5' gravel fill w/ black topsoil loam	no odors/no staining
		5-6	1	142	5-6' gravel fill	
					6-7.5' cement	
		7.5-8	2	58	7.5-8' gravel fill	
8-18ft	85%	9-10	3	101	8-10' sandy gravel	
					10-11' silty gravel	
					11-13' sandy gravel	
					13-14' silty gravel	
					14-18' sandy gravel	
		16-17	4	63		
					18-24' silty gravel	
		19-20	5	89	24-25' cobble, lg boulder	
					25-28 silty gravel	
18-28	85%					
		27-28	6	131		Borehole terminated at 28ft bgs

APPENDIX D

August 2015 Soil Boring Logs

NewFields

PROJECT: STIMSON MILLSITE	PROJECT NO.: 350.0033	SHT 1 OF 2
LOCATION OF BORING	DRILLING METHOD: Rotu-Sonic	BORING NO. CB-10
	HAMMER WEIGHT: ~ DROP: ~	LOGGED BY: LM, TS
	SAMPLER(S): Continuous core	DRILLING
	BACKFILL MATERIAL: HBC (Baroid 3/8-in)	START / FINISH
DATUM _____ ELEVATION _____	WATER LEVEL (9 bags 5#)	TIME / TIME
	TIME 0805	0950
	DATE 8-18-15	DATE / DATE 8-18-15
	CASING DEPTH	

	SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT. PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY	SURFACE CONDITIONS:
									Gravel/waste material, sparse veg.
0830	CORE	84 / 36	1 / 2-3	-	30	-	0	SM	SILTY SAND w GRAVEL (SM), Light brown 7.5YR 6/4, dry; abundant angular gravel, rare metal in cuttings
							1		
							2		
							3		... Increasing gravel/cobble @ ~ 5 Ft bgs, matrix is light gray silt.
							4		
							5		
							6		
0850	CORE	72 / 60	2 / 9-10	-	83	-	7		
							8	SM	@ 8.0: SILTY SAND w GRAVEL (SM); Light red brown, wet (from ~ 8-9), rounded gravel; well graded sand.
							9		
							10		@ 10-11.5: Lithology as above; dry, Pale red
							11		@ 11.5-13: Damp in places, lithology as above
							12		
							13	SC-CC	CLAYEY SAND w GRAVEL + COBBLE (SC-CC), Red Brown, damp to wet, rounded gravel, sl. plastic matrix; gravel is Belt Fm material.
							14		
							15		
							16		
0858	CORE	48 / 39	3 / 13-14	-		-	17		
							18		... Increasing sand from 17-18, ... wet from 17.0-25.0
	CORE						19		
							20		

NewFields

PROJECT:	PROJECT NO.:	SHT 2 OF 2
LOCATION OF BORING	DRILLING METHOD:	BORING NO.
	See page 1	CB-10
	HAMMER WEIGHT: / DROP:	LOGGED BY:
	SAMPLER(S):	LM, TS
		DRILLING
	BACKFILL MATERIAL:	START / FINISH
	WATER LEVEL	TIME / TIME
	TIME	
	DATE	DATE / DATE
DATUM _____ ELEVATION _____	CASING DEPTH	

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY	SURFACE CONDITIONS:
						20		
						21	SC-ac	
						22		
0915 CORE	NO 88	4 18-19	-		-	23		
		5 23-24				24		
						25		@ 25', lithology as above, damp to wet
						26		
						27		@ 27': Increasing gravel (ac), clayey gravel w/ sand, light red-brown, wet, sub-rounded to rounded gravel/cobble, light red Belt rock.
0930 CORE	120 58	6 29-30				28		
						29		
						30		
						31		
		7 33-34				32		
						33		
						34		@ 34.5': Sandy gravel (GP), light red-brown, wet, rounded gravel.
						35		
						36		
						37		As above, wet; contains angular cobbles.
						38		
						39		
0950 CORE	36 25	8 38-39				40		End of boring @ 40 Ft. bgs.

NewFields

PROJECT: Stimson Millsite	**PROJECT NO.:** 350.0033		**SHT** 1 **OF** 2
LOCATION OF BORING	DRILLING METHOD: Rota-Sonic		BORING NO. CB-11
	HAMMER WEIGHT:	DROP:	LOGGED BY: LM, TS
	SAMPLER(S):		DRILLING START / FINISH
	BACKFILL MATERIAL: HBC - Baroid 3/8-in		
	WATER LEVEL (	50 lb bags)	TIME 12:45 / 1345
	TIME		DATE 8-18-15 / 8-18-15
	DATE		
	CASING DEPTH		

DATUM _____ ELEVATION _____

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY
						0	
1216 WRE	84/48		—		—	1	
						2	
						3	
						4	
		1 / 4-5'				5	
						6	
						7	
1258 CSR	120/68	2 / 8-9	—		—	8	
						9	
						10	
						11	
						12	
		3 / 12-13				13	
						14	
						15	
						16	
						17	
1315 CSR	120/50		—		—	18	
		4 / 18-19				19	
						20	

SURFACE CONDITIONS:

Gravel / fill; sparse veg.

0-0.5: SANDY SILT w/ GRAVEL (ML), light brown, dry; angular gravel, contains organics + wood waste.

0.5 - 2: Organic material, black, damp [wood waste]

2- : CLAYEY SAND w/ GRAVEL (SC), Red - yellow transitioning to light brown, damp, minor dark brown zones; rounded gravel, trace weathered brick material, sl. plastic matrix, decreasing clay w/ depth...

@ 10: thin, horizontal dark gray band (~0.1' thick)

@12: GRAVELLY SILT w/ SAND (ML), light br., dry to damp; sub angular (fractured) gravel + cobble, non plastic.

@13.0: SANDY GRAVEL w/ CLAY (GP-GC); light-red brown, sub rounded gravel, mod. plastic matrix, rare cobbles (rounded Belt rock), damp

@ 19: Increasing sand component, lith as above, wet

NewFields

PROJECT:	PROJECT NO.:	SHT 2 OF 2
LOCATION OF BORING	DRILLING METHOD:	BORING NO.
		CB-11
	HAMMER WEIGHT: / DROP:	LOGGED BY:
	SAMPLER(S):	LM, TS
		DRILLING
	BACKFILL MATERIAL:	START / FINISH
	WATER LEVEL	TIME / TIME
	TIME	
	DATE	DATE / DATE
DATUM _____ ELEVATION _____	CASING DEPTH	

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY	SURFACE CONDITIONS:
						20		
						21		
						22		
						23		
		5 / 23-24				24		
						25		
						26		
						27		@ 27: Fines washed from cuttings to 29 feet bgs.
						28		
1340 (1336) Core	120 / 70	6 / 28-29	—		—	29		SANDY GRAVEL (SM), contains silt, red-brown, damp to wet, rounded gravel (Belt rock), rare rounded cobbles.
						30		
						31		Hard, slow drilling...
						32		
						33		
		7 / 33-34				34		
						35		
						36		
						37		
1343 (1342) Core	36 / 26	8 / 39-40	—		—	38		Lithology as above, wet; greater sand component.
						39		
						40		End of boring @ 40 Feet bgs.

NewFields

PROJECT: Stimson Millsite	**PROJECT NO.:** 350.0033		**SHT** 1 **OF** 2
LOCATION OF BORING	DRILLING METHOD: Rota-Sonic		BORING NO. CB-12
	HAMMER WEIGHT:	DROP:	LOGGED BY: LM, TS
	SAMPLER(S):		DRILLING
	BACKFILL MATERIAL: HBC (13-50lb bags, Baroid 3/8-in bentonite)		START: TIME 1428 / DATE
	WATER LEVEL		TIME / DATE
	TIME		
	DATE		
	CASING DEPTH		8-12-15

DATUM _____ ELEVATION _____

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY
						0	
	84/13		–		–	1	
						2	
						3	
		1/4-5				4	
						5	
						6	
						7	
WRE	120/119		–		–	8	
		2/8-9				9	
						10	
						11	
						12	
		3/12-13				13	
						14	
						15	
						16	
						17	
WRE	120/22	4/19-20	–		–	18	
						19	
						20	

SURFACE CONDITIONS:

GS is concrete slab, no veg.

Approx 3 Ft of concrete slab.

@ ~3 Ft

1446

@ 3 Ft: Well Graded Sand w/ gravel (SM), Light-brown, damp, well-sorted sand, contains gravel.

1504

1505

@ 8.0: SANDY GRAVEL w/ CLAY (GC), light brown, damp to wet, rounded gravel, plastic sandy matrix; rare cobble

... Increasing cobbles w/ depth, rounded to sub rounded

@ 15: SANDY GRAVEL (GM), red brown, damp to dry; contain silt, gravel is rounded to sub angular (fractured) light-red Belt rock, contains clay from 16' to 17.

SANDY GRAVEL w/ CLAY (GC), light reddish-brown, abundant cobble - core recovery very low - likely cobble stuck in core barrel - contains clay, wet

NewFields

PROJECT:	PROJECT NO.:	SHT 2 OF 2
LOCATION OF BORING	DRILLING METHOD:	BORING NO.
	See page 1	CB-12
	HAMMER WEIGHT: / DROP:	LOGGED BY:
	SAMPLER(S):	LM, TS
		DRILLING
	BACKFILL MATERIAL:	START / FINISH
	WATER LEVEL	TIME / TIME
	TIME	
	DATE	DATE / DATE
DATUM _____ ELEVATION _____	CASING DEPTH	

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY	SURFACE CONDITIONS:
						20		
						21		
						22		
						23		
						24		
						25		
						26		
						27		Note: Fines washed from gravel from 27-28' bgs.
1545 CORE	120 / 100	5 / 28-29	–		–	28		SANDY GRAVEL w/ CLAY (ac). Red-brown, wet, increasing clay, decreasing sand w/ depth, gravel is subrounded red & pale green Belt rock.
						29		
						30		
						31		@ 31: Increasing Sand ... decreasing clay. Sand is poorly graded, medium-grained, contains cobbles.
		6 / 32-33				32		
						33		
						34		
						35		
						36		
						37		... cobbles from 36-37' bgs, wet
1550 CORE	36 / 22		–		–	38		
		7 / 39-40				39		Poorly graded sand lense @ 39.5 Ft, wet
						40		End of boring @ 40 Ft.

NewFields

PROJECT: Stimson Millsite	**PROJECT NO.:** 350.0033		**SHT** 1 **OF** 2
LOCATION OF BORING	DRILLING METHOD: Rota-Sonic		BORING NO. CB-13
	HAMMER WEIGHT:	DROP:	LOGGED BY: LM, TS
	SAMPLER(S):		DRILLING START / FINISH
	BACKFILL MATERIAL: 13-15 lb bags HBC		
	WATER LEVEL (Bainoid 3/8-in bent.)		TIME 1015 / 1137
	TIME		DATE 8-18-15 / 8-18-15
	DATE		
	CASING DEPTH		

DATUM _____ ELEVATION _____

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY
CORE	84/54		–		–	0	
						1	
		1 / 2-3				2	
						3	
						4	
						5	
						6	
						7	
						8	
CORE	120/72	2 / 6-9	–		–	9	
						10	
						11	
		3 / 12-13				12	
						13	
						14	
						15	
						16	
						17	
CORE	120/62	4 / 17-18	–		–	18	
						19	
						20	

SURFACE CONDITIONS:

Gravel / fill material, sparse veg.

1020

0-0.5: Woody, organic material, no odor, near black, damp

0.5-2.0: POORLY GRADED SAND w/ GRAVEL (SP), Red-yellow (7.5 YR 6/6), damp, angular gravel (Fill)

GRAVELLY SILT w/ SAND (ML), very dark gray, damp, sl. plastic, rounded gravel, some organics, no odor.

~~SANDY~~ SILTY SAND w/ GRAVEL (SC), dark brown to Red-brown, wet, sl. plastic, rounded gravel.

POORLY GRADED GRAVELLY SAND (SP), light brown, damp med.-grained sand.

@ 7.0: SANDY CLAY w/ GRAVEL (CL), dark brown, wet, plastic, trace organics.

@ 8.0: SANDY GRAVEL w/ CLAY (GC), light brown, wet, rounded gravel, contains rounded cobble.

1030

@ ~12.5': Lithology as above, becomes light red, gravel is light red Belt rock, rounded, rare cobble

1040

NewFields

PROJECT:	PROJECT NO.:	SHT 2 OF 2
LOCATION OF BORING	DRILLING METHOD:	BORING NO.
	See page 1	CB-13
	HAMMER WEIGHT: / DROP:	LOGGED BY:
	SAMPLER(S):	LM, TS
		DRILLING
	BACKFILL MATERIAL:	START / FINISH
	WATER LEVEL	TIME / TIME
	TIME	
	DATE	DATE / DATE
DATUM _____ ELEVATION _____	CASING DEPTH	

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY	SURFACE CONDITIONS:
						20		
						21		
1043		5 / 22-23				22		
						23		
						24		
						25		
						26		
						27		
1125 core	120 / 62	6 / 28-29	—		—	28		[Driller begin adding H_2O]
						29		Sandy GRAVEL (GP): light brown to red-brown, well graded sand, rounded gravel (Belt rock), containing rounded cobble, wet [some clean gravel @ top of run - likely same as above; fines flushed during drilling].
						30		
						31		
						32		
1130		7 / 32-33				33		
						34		
						35		
						36		From 35 - 36: dry.
						37		
1135 core	36 / 16	8 / 38-39	—		—	38		
						39		@ 39: WELL GRADED SAND w/ GRAVEL (SP): Red brown (light), med. grained sand, wet, rounded gravel.
						40		End of boring @ 40 Ft bgs.

NewFields

PROJECT: Stimson Millsite	**PROJECT NO.:** 350.0033		**SHT** 1 **OF** 1
LOCATION OF BORING	DRILLING METHOD: Roto-Sonic		BORING NO. CB-14
☒ CB-1	HAMMER WEIGHT:	DROP:	LOGGED BY: LM, TS
	SAMPLER(S):		DRILLING
DATUM _____ ELEVATION _____	BACKFILL MATERIAL: 12 50lb bags HBC (Baroid 3/8 in Bent.)		START: TIME 0823 / DATE 8-19-15; FINISH: TIME / DATE
	WATER LEVEL / TIME / DATE / CASING DEPTH		

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	SAMPLE NO. / SAMPLE DEPTH	OVM/PID/FID READING	BLOW CT PER 6"	SPT N-VALUE	DEPTH IN FEET	LITHOLOGY	SURFACE CONDITIONS:
						20		Gravel fill above former Compressor bldg foundation; no samples / lith descriptions from 0-27' bgs; See CB-1 field sheets for sample / lith descriptions.
						21		
						22		
						23		
						24		
						25		
						26		
						27		No samples retained from 0-27 Ft bgs, Drilling through former compressor bldg foundation, slow drilling, low returns noted. Driller using water to advance casing / core barrel.
1030 WIRE	120/91	1/28-29	–		–	28		Sandy GRAVEL w/ SILT (GW-GM), light red-brown, wet, Subrounded fine to coarse gravel, light red & tan Belt rock material, coarse-grained Sand matrix, rare cobble, increasing Sand w/ depth. Faint odor @ ~ 29.5 Ft?
						29		
						30		@ 30 Ft: GRAVELLY SAND (SW-SP), dark reddish brown, wet, fine- to med.-grained Sand, containing fine rounded gravel, mod. ~~well~~ poorly graded, faint odor?
						31		
						32		@ 31 Ft: Color change to brown, lith as above, no odor; increasing rounded gravel
		2/32-33				33		@ 33 Ft: CLAYEY GRAVELLY SAND (GC), Brown to Red-Brown (light) w/ depth; rounded to sub-rounded gravel, plastic matrix, wet
						34		
						35		
						36		...increasing Sand w/ depth, ...
						37		
1040 WIRE	36/36		–		–	38		...increasing rounded cobble...
		3/39-40				39		
						40		End boring @ 40 Ft. Logs

APPENDIX E
Test Pit Analytical Results

ANALYTICAL SUMMARY REPORT

June 02, 2015

NewFields
1120 Cedar St
Missoula, MT 59802-3911

Work Order: B15052149 Quote ID: B3097 - Stimson

Project Name: Stimson Mill #350.0033

Energy Laboratories Inc Billings MT received the following 19 samples for NewFields on 5/28/2015 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B15052149-001	TP1-1 5 Feet	05/27/15 8:15	05/28/15	Soil	Moisture Moisture Prep 8082 - Polychlorinated Biphenyls (PCB's) Percent Moisture Sonication Extraction
B15052149-002	TP1-2 10 Feet	05/27/15 8:30	05/28/15	Soil	Same As Above
B15052149-003	TP1-3 15 Feet	05/27/15 8:45	05/28/15	Soil	Same As Above
B15052149-004	TP2-1 5 Feet	05/27/15 13:30	05/28/15	Soil	Same As Above
B15052149-005	TP2-2 10 Feet	05/27/15 13:35	05/28/15	Soil	Same As Above
B15052149-006	TP2-3 15 Feet	05/27/15 13:40	05/28/15	Soil	Same As Above
B15052149-007	TP3-1 5 Feet	05/27/15 9:40	05/28/15	Soil	Same As Above
B15052149-008	TP3-2 10 Feet	05/27/15 9:50	05/28/15	Soil	Same As Above
B15052149-009	TP3-3 15 Feet	05/27/15 10:10	05/28/15	Soil	Same As Above
B15052149-010	TP4-Inside Tank	05/27/15 13:45	05/28/15	Soil	Same As Above
B15052149-011	TP5-1 5 Feet	05/27/15 12:10	05/28/15	Soil	Same As Above
B15052149-012	TP5-2 10 Feet	05/27/15 12:15	05/28/15	Soil	Same As Above
B15052149-013	TP5-3 15 Feet	05/27/15 12:25	05/28/15	Soil	Same As Above
B15052149-014	TP6-1 5 Feet	05/27/15 10:45	05/28/15	Soil	Same As Above
B15052149-015	TP6-2 10 Feet	05/27/15 11:00	05/28/15	Soil	Same As Above
B15052149-016	TP6-3 15 Feet	05/27/15 11:05	05/28/15	Soil	Same As Above
B15052149-017	TP7-1 5 Feet	05/27/15 14:25	05/28/15	Soil	Same As Above
B15052149-018	TP7-2 10 Feet	05/27/15 14:30	05/28/15	Soil	Same As Above
B15052149-019	TP7-3 15 Feet	05/27/15 14:40	05/28/15	Soil	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-001
Client Sample ID: TP1-1 5 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 08:15
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	17	wt%		0.2		SW3550A	05/28/15 10:24 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1221	ND	mg/kg-dry		0.041		SW8082	05/28/15 19:52 / jem
Aroclor 1232	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1242	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1248	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1254	0.50	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1260	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1262	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Aroclor 1268	ND	mg/kg-dry		0.020		SW8082	05/28/15 19:52 / jem
Surr: Decachlorobiphenyl	94.0	%REC		50-126		SW8082	05/28/15 19:52 / jem
Surr: Tetrachloro-m-xylene	65.0	%REC		42-115		SW8082	05/28/15 19:52 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-002
Client Sample ID: TP1-2 10 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 08:30
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.2	wt%		0.2		SW3550A	05/28/15 10:32 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1221	ND	mg/kg-dry		0.74		SW8082	05/29/15 08:36 / jem
Aroclor 1232	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1242	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1248	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1254	13	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1260	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1262	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Aroclor 1268	ND	mg/kg-dry		0.37		SW8082	05/29/15 08:36 / jem
Surr: Decachlorobiphenyl	126	%REC		50-126		SW8082	05/29/15 08:36 / jem
Surr: Tetrachloro-m-xylene	73.0	%REC		42-115		SW8082	05/29/15 08:36 / jem

-The Reporting Limits reflect a 20 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-003
Client Sample ID: TP1-3 15 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 08:45
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	6.8	wt%		0.2		SW3550A	05/28/15 10:37 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1221	ND	mg/kg-dry		0.36		SW8082	05/29/15 09:04 / jem
Aroclor 1232	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1242	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1248	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1254	4.2	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1260	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1262	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Aroclor 1268	ND	mg/kg-dry		0.18		SW8082	05/29/15 09:04 / jem
Surr: Decachlorobiphenyl	168	%REC	S	50-126		SW8082	05/29/15 09:04 / jem
Surr: Tetrachloro-m-xylene	65.0	%REC		42-115		SW8082	05/29/15 09:04 / jem

-The Reporting Limits reflect a 10 times dilution due to the level of Aroclor 1254 detected in the sample.
-The high percent recovery of Decachlorobiphenyl is attributed to co-eluting interference on primary column.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-004
Client Sample ID: TP2-1 5 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 13:30
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	21	wt%		0.2		SW3550A	05/28/15 10:46 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1221	ND	mg/kg-dry		0.043		SW8082	05/29/15 09:32 / jem
Aroclor 1232	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1242	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1248	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1254	0.051	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1260	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1262	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Aroclor 1268	ND	mg/kg-dry		0.022		SW8082	05/29/15 09:32 / jem
Surr: Decachlorobiphenyl	95.0	%REC		50-126		SW8082	05/29/15 09:32 / jem
Surr: Tetrachloro-m-xylene	61.0	%REC		42-115		SW8082	05/29/15 09:32 / jem

- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-005
Client Sample ID: TP2-2 10 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 13:35
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	11	wt%		0.2		SW3550A	05/28/15 10:55 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1221	ND	mg/kg-dry		0.038		SW8082	05/28/15 22:40 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1254	1.2	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	05/28/15 22:40 / jem
Surr: Decachlorobiphenyl	96.0	%REC		50-126		SW8082	05/28/15 22:40 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	05/28/15 22:40 / jem

- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-006
Client Sample ID: TP2-3 15 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 13:40
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	18	wt%		0.2		SW3550A	05/28/15 11:00 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1221	ND	mg/kg-dry		0.16		SW8082	05/29/15 10:00 / jem
Aroclor 1232	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1242	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1248	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1254	3.0	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1260	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1262	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Aroclor 1268	ND	mg/kg-dry		0.082		SW8082	05/29/15 10:00 / jem
Surr: Decachlorobiphenyl	101	%REC		50-126		SW8082	05/29/15 10:00 / jem
Surr: Tetrachloro-m-xylene	65.0	%REC		42-115		SW8082	05/29/15 10:00 / jem

-The Reporting Limits reflect a 4 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-007
Client Sample ID: TP3-1 5 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 09:40
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	15	wt%		0.2		SW3550A	05/28/15 11:12 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1221	ND	mg/kg-dry		0.40		SW8082	05/29/15 10:28 / jem
Aroclor 1232	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1242	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1248	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1254	3.5	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1260	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1262	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Aroclor 1268	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:28 / jem
Surr: Decachlorobiphenyl	100	%REC		50-126		SW8082	05/29/15 10:28 / jem
Surr: Tetrachloro-m-xylene	64.0	%REC		42-115		SW8082	05/29/15 10:28 / jem

-The Reporting Limits reflect a 10 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-008
Client Sample ID: TP3-2 10 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 09:50
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	16	wt%		0.2		SW3550A	05/28/15 11:19 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1221	ND	mg/kg-dry		0.40		SW8082	05/29/15 10:56 / jem
Aroclor 1232	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1242	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1248	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1254	5.5	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1260	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1262	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Aroclor 1268	ND	mg/kg-dry		0.20		SW8082	05/29/15 10:56 / jem
Surr: Decachlorobiphenyl	243	%REC	S	50-126		SW8082	05/29/15 10:56 / jem
Surr: Tetrachloro-m-xylene	72.0	%REC		42-115		SW8082	05/29/15 10:56 / jem

-The high percent recovery of Decachlorobiphenyl is attributed to co-eluting interference on primary column.
-The Reporting Limits reflect a 10 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-009
Client Sample ID: TP3-3 15 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 10:10
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	22	wt%		0.2		SW3550A	05/28/15 11:25 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1221	ND	mg/kg-dry		0.043		SW8082	05/29/15 11:24 / jem
Aroclor 1232	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1242	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1248	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1254	0.37	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1260	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1262	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Aroclor 1268	ND	mg/kg-dry		0.022		SW8082	05/29/15 11:24 / jem
Surr: Decachlorobiphenyl	161	%REC	S	50-126		SW8082	05/29/15 11:24 / jem
Surr: Tetrachloro-m-xylene	66.0	%REC		42-115		SW8082	05/29/15 11:24 / jem

-The high percent recovery of Decachlorobiphenyl is attributed to co-eluting interference on primary column.
- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-010
Client Sample ID: TP4-Inside Tank

Report Date: 06/02/15
Collection Date: 05/27/15 13:45
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	22	wt%		0.2		SW3550A	05/28/15 11:39 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1221	ND	mg/kg-dry		0.043		SW8082	05/29/15 01:00 / jem
Aroclor 1232	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1242	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1248	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1254	0.32	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1260	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1262	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Aroclor 1268	ND	mg/kg-dry		0.022		SW8082	05/29/15 01:00 / jem
Surr: Decachlorobiphenyl	99.0	%REC		50-126		SW8082	05/29/15 01:00 / jem
Surr: Tetrachloro-m-xylene	71.0	%REC		42-115		SW8082	05/29/15 01:00 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-011
Client Sample ID: TP5-1 5 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 12:10
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	10	wt%		0.2		SW3550A	05/28/15 11:45 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1221	ND	mg/kg-dry		0.075		SW8082	05/29/15 11:52 / jem
Aroclor 1232	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1242	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1248	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1254	1.9	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1260	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1262	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Aroclor 1268	ND	mg/kg-dry		0.038		SW8082	05/29/15 11:52 / jem
Surr: Decachlorobiphenyl	97.0	%REC		50-126		SW8082	05/29/15 11:52 / jem
Surr: Tetrachloro-m-xylene	65.0	%REC		42-115		SW8082	05/29/15 11:52 / jem

-The Reporting Limits reflect a 2 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-012
Client Sample ID: TP5-2 10 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 12:15
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	9.4	wt%		0.2		SW3550A	05/28/15 11:58 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1221	ND	mg/kg-dry		0.75		SW8082	05/29/15 15:08 / jem
Aroclor 1232	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1242	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1248	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1254	18	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1260	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1262	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Aroclor 1268	ND	mg/kg-dry		0.37		SW8082	05/29/15 15:08 / jem
Surr: Decachlorobiphenyl	96.0	%REC		50-126		SW8082	05/29/15 15:08 / jem
Surr: Tetrachloro-m-xylene	77.0	%REC		42-115		SW8082	05/29/15 15:08 / jem

-The Reporting Limits reflect a 20 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-013
Client Sample ID: TP5-3 15 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 12:25
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.9	wt%		0.2		SW3550A	05/28/15 12:05 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	05/29/15 12:48 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1254	0.79	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	05/29/15 12:48 / jem
Surr: Decachlorobiphenyl	106	%REC		50-126		SW8082	05/29/15 12:48 / jem
Surr: Tetrachloro-m-xylene	72.0	%REC		42-115		SW8082	05/29/15 12:48 / jem

- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-014
Client Sample ID: TP6-1 5 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 10:45
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.3	wt%		0.2		SW3550A	05/28/15 12:11 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	05/29/15 02:51 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1254	0.76	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	05/29/15 02:51 / jem
Surr: Decachlorobiphenyl	98.0	%REC		50-126		SW8082	05/29/15 02:51 / jem
Surr: Tetrachloro-m-xylene	68.0	%REC		42-115		SW8082	05/29/15 02:51 / jem

- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-015
Client Sample ID: TP6-2 10 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 11:00
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	6.7	wt%		0.2		SW3550A	05/28/15 12:18 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	05/29/15 03:19 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:19 / jem
Surr: Decachlorobiphenyl	97.0	%REC		50-126		SW8082	05/29/15 03:19 / jem
Surr: Tetrachloro-m-xylene	65.0	%REC		42-115		SW8082	05/29/15 03:19 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-016
Client Sample ID: TP6-3 15 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 11:05
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.1	wt%		0.2		SW3550A	05/28/15 12:22 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	05/29/15 03:47 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1254	0.060	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	05/29/15 03:47 / jem
Surr: Decachlorobiphenyl	94.0	%REC		50-126		SW8082	05/29/15 03:47 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	05/29/15 03:47 / jem

- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-017
Client Sample ID: TP7-1 5 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 14:25
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	18	wt%		0.2		SW3550A	05/28/15 12:30 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1221	ND	mg/kg-dry		0.82		SW8082	05/29/15 13:16 / jem
Aroclor 1232	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1242	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1248	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1254	17	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1260	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1262	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Aroclor 1268	ND	mg/kg-dry		0.41		SW8082	05/29/15 13:16 / jem
Surr: Decachlorobiphenyl	109	%REC		50-126		SW8082	05/29/15 13:16 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	05/29/15 13:16 / jem

-The Reporting Limits reflect a 20 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-018
Client Sample ID: TP7-2 10 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 14:30
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	16	wt%		0.2		SW3550A	05/28/15 12:37 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1221	ND	mg/kg-dry		0.040		SW8082	05/29/15 04:43 / jem
Aroclor 1232	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1242	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1248	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1254	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1260	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1262	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Aroclor 1268	ND	mg/kg-dry		0.020		SW8082	05/29/15 04:43 / jem
Surr: Decachlorobiphenyl	98.0	%REC		50-126		SW8082	05/29/15 04:43 / jem
Surr: Tetrachloro-m-xylene	53.0	%REC		42-115		SW8082	05/29/15 04:43 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Mill #350.0033
Lab ID: B15052149-019
Client Sample ID: TP7-3 15 Feet

Report Date: 06/02/15
Collection Date: 05/27/15 14:40
DateReceived: 05/28/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	17	wt%		0.2		SW3550A	05/28/15 12:56 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1221	ND	mg/kg-dry		0.041		SW8082	05/29/15 05:10 / jem
Aroclor 1232	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1242	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1248	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1254	0.14	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1260	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1262	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Aroclor 1268	ND	mg/kg-dry		0.020		SW8082	05/29/15 05:10 / jem
Surr: Decachlorobiphenyl	100	%REC		50-126		SW8082	05/29/15 05:10 / jem
Surr: Tetrachloro-m-xylene	64.0	%REC		42-115		SW8082	05/29/15 05:10 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields
Report Date: 06/02/15
Project: Stimson Mill #350.0033
Work Order: B15052149

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082									Batch: 89959
Lab ID: MB-89959	Method Blank				Run: AECD.I_150528A				05/28/15 13:48
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.033						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	91	50	126			
Surr: Tetrachloro-m-xylene			0.0017	58	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: AR1254A-89959	Laboratory Control Sample				Run: AECD.I_150528A				05/28/15 14:16
Aroclor 1254	0.296	mg/kg	0.017	88	62	126			
Surr: Decachlorobiphenyl			0.0017	90	50	126			
Surr: Tetrachloro-m-xylene			0.0017	53	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15052149-001AMB	Sample Matrix Spike				Run: AECD.I_150528A				05/28/15 20:20
Aroclor 1254	0.670	mg/kg-dry	0.020	43	62	126			S
Surr: Decachlorobiphenyl			0.0020	94	50	126			
Surr: Tetrachloro-m-xylene			0.0020	63	42	115			
-The low recovery for Aroclor 1254 in this matrix spike sample is attributed to a non-homogeneous sample matrix.									
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15052149-001ADB	Sample Matrix Spike Duplicate				Run: AECD.I_150528A				05/28/15 20:48
Aroclor 1254	0.604	mg/kg-dry	0.020	26	62	126	10	40	S
Surr: Decachlorobiphenyl			0.0020	94	50	126			
Surr: Tetrachloro-m-xylene			0.0020	62	42	115			
-The low recovery for Aroclor 1254 in this matrix spike sample is attributed to a non-homogeneous sample matrix.									
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15052149-001ADUP	Sample Duplicate				Run: AECD.I_150528A				05/29/15 15:36
Aroclor 1016	ND	mg/kg-dry	0.020					40	
Aroclor 1221	ND	mg/kg-dry	0.041					40	
Aroclor 1232	ND	mg/kg-dry	0.020					40	
Aroclor 1242	ND	mg/kg-dry	0.020					40	
Aroclor 1248	ND	mg/kg-dry	0.020					40	
Aroclor 1254	0.157	mg/kg-dry	0.020				100	40	R
Aroclor 1260	ND	mg/kg-dry	0.020					40	
Aroclor 1262	ND	mg/kg-dry	0.020					40	
Aroclor 1268	ND	mg/kg-dry	0.020					40	
Surr: Decachlorobiphenyl			0.0020	98	50	126			
Surr: Tetrachloro-m-xylene			0.0020	60	42	115			
- The higher than normal Relative Percent Difference (RPD) is attributed to a non-homogeneous sample matrix.									
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.
S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields
Report Date: 06/02/15
Project: Stimson Mill #350.0033
Work Order: B15052149

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082									Batch: 89959
Lab ID: B15052149-001AMB2	Sample Matrix Spike				Run: AECD.I_150528A				05/29/15 16:04
Aroclor 1254	0.610	mg/kg-dry	0.020	113	62	126			
Surr: Decachlorobiphenyl			0.0020	98	50	126			
Surr: Tetrachloro-m-xylene			0.0020	63	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15052149-001ADB2	Sample Matrix Spike Duplicate				Run: AECD.I_150528A				05/29/15 16:32
Aroclor 1254	0.636	mg/kg-dry	0.021	118	62	126	4.2	40	
Surr: Decachlorobiphenyl			0.0021	101	50	126			
Surr: Tetrachloro-m-xylene			0.0021	63	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Work Order Receipt Checklist

NewFields

B15052149

Login completed by: Leslie S. Cadreau
Date Received: 5/28/2015
Reviewed by: BL2000\jmueller
Received by: dlf
Reviewed Date: 5/28/2015
Carrier name: Return-UPS Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	2.5°C On Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

None

Chain of Custody and Analytical Request Record

RUSH Please

PLEASE PRINT (Provide as much information as possible.)

Company Name: Newfields

Report Mail Address (Required):

☒ No Hard Copy Email: tetzel@newfields.com

Invoice Address (Required):

☒ No Hard Copy Email: dmccammon@newfields.com

Special Report/Formats:
☐ DW ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: ____
☐ State: ____ ☐ LEVEL IV
☐ Other: ____ ☐ NELAC

Project Name, PWS, Permit, Etc.: Stimson Mill 350.0033

Contact Name: Tyler Tetzel Phone/Fax: 406 549 8270

Invoice Contact & Phone: Donna McCammon same as above

Sample Origin State:

EPA/State Compliance: Yes ☐ No ☐

Cell:

Sampler: (Please Print) Louise Spencer

Purchase Order:

Quote/Bottle Order: 91586

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Shipped by: Rtn UPS Grnd

Cooler ID(s): TB

Receipt Temp: 2.5 °C

On Ice: Y N

Custody Seal: On Bottle Y N; On Cooler Y N

Intact: Y N

Signature Match: Y N

Comments: Please Rush B150521149

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Number of Containers / Sample Type: A W S V B O DW / Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water	ANALYSIS REQUESTED: PCBs Method 8082	SEE ATTACHED	Standard Turnaround (TAT)	RUSH	Comments	LABORATORY USE ONLY
1 TP1-1 (5')	5/27/15	815	S	X				X	3 day rush per Sharie L.	-001
2 TP1-2 (10')		830	S	X				X		-002
3 TP1-3 (15')		845	S	X				X		-003
4 TP2-1 (5')		1330	S	X				X		-004
5 TP2-2 (10')		1335	S	X				X		-005
6 TP2-3 (15')		1340	S	X				X		-006
7 TP3-1 (5')		940	S	X				X		-007
8 TP3-2 (10')		950	S	X				X		-008
9 TP3-3 (15')		1010	S	X				X		-009
10 TP4-Inside tank		1345	S	X				X		-010

Custody Record MUST be Signed

Relinquished by (print): Louise Spencer Date/Time: 5/27/15 1600 Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: 5/28/15 0930 Date/Time: Signature:

Sample Disposal: Return to Client: ____ Lab Disposal: ____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Chain of Custody and Analytical Request Record

RUSH Please

PLEASE PRINT (Provide as much information as possible.)

Company Name: Newfields

Report Mail Address (Required):

☒ No Hard Copy Email: tetzel@newfields.com

Invoice Address (Required):

☒ No Hard Copy Email: dmccammon@newfields.com

Special Report/Formats:
☐ DW ☐ POTW/WWTP ☐ State: ____ ☐ Other: ____
☐ EDD/EDT (Electronic Data) Format: ____ ☐ LEVEL IV ☐ NELAC

Project Name, PWS, Permit, Etc.: Stimson 350.0033

Contact Name: Tyler Etzel

Phone/Fax: 4065498270

Cell: —

Invoice Contact & Phone: Donna McCammon same as above

Sample Origin State: MT

EPA/State Compliance: Yes ☐ No ☐

Sampler: (Please Print) Louise Spencer

Purchase Order:

Quote/Bottle Order: 91586

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O DW
Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	PCBs 8082 Method	SEE ATTACHED	Standard Turnaround (TAT)	RUSH	Comments:	LABORATORY USE ONLY
1 TP5-1 (5')	5/27/15	1210	S	X			X	B15052149	-011
2 TP5-2 (10')		1215	S	X			X		-012
3 TP5-3 (15')		1225	S	X			X		-013
4 TP6-1 (5')		1045	S	X			X		-014
5 TP6-2 (10')		1100	S	X			X		-015
6 TP6-3 (15')		1105	S	X			X		-016
7 TP7-1 (5')		1425	S	X			X		-017
8 TP7-2 (10')		1430	S	X			X		-018
9 TP7-3 (13')		1440	S	X			X		-019
10									

→ Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Shipped by: Rim UPS Ground

Cooler ID(s): TB

Receipt Temp: 2.5 °C

On Ice: (Y) N

Custody Seal: On Bottle Y (N) · On Cooler (Y) N · Intact (Y) N · Signature Match (Y) N

Custody Record MUST be Signed

Relinquished by (print): Louise Spencer Date/Time: 5/27/15 1600 Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: 5/28/15 0930

Sample Disposal: Return to Client: ____ Lab Disposal: ____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

APPENDIX F

June 2015 Soil Boring Analytical Results

ANALYTICAL SUMMARY REPORT

June 17, 2015

NewFields
1120 Cedar St
Missoula, MT 59802-3911

Work Order: B15060856

Project Name: Stimson 350.0033.005

Energy Laboratories Inc Billings MT received the following 20 samples for NewFields on 6/9/2015 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B15060856-001	CB1B-1	06/04/15 16:20	06/09/15	Soil	Moisture Moisture Prep 8082 - Polychlorinated Biphenyls (PCB's) Percent Moisture Sonication Extraction
B15060856-002	CB1B-3 at 19-22 Feet	06/04/15 16:50	06/09/15	Soil	Same As Above
B15060856-003	CB1B-4 at 23-24 Feet	06/04/15 18:30	06/09/15	Soil	Same As Above
B15060856-004	CB1B-5 at 26-27 Feet	06/04/15 18:30	06/09/15	Soil	Same As Above
B15060856-005	CB5-3 at 8 Feet	06/04/15 10:10	06/09/15	Soil	Same As Above
B15060856-006	CB5-5	06/04/15 11:30	06/09/15	Soil	Same As Above
B15060856-007	CB5-8	06/04/15 13:00	06/09/15	Soil	Same As Above
B15060856-008	CB5-9	06/04/15 13:00	06/09/15	Soil	Same As Above
B15060856-009	CB6-1	06/05/15 11:40	06/09/15	Soil	Same As Above
B15060856-010	CB6-2	06/05/15 12:05	06/09/15	Soil	Same As Above
B15060856-011	CB6-3	06/05/15 12:30	06/09/15	Soil	Same As Above
B15060856-012	CB6-5	06/05/15 12:40	06/09/15	Soil	Same As Above
B15060856-013	CB7-1	06/05/15 13:30	06/09/15	Soil	Same As Above
B15060856-014	CB7-2	06/05/15 13:40	06/09/15	Soil	Same As Above
B15060856-015	CB7-3	06/05/15 14:00	06/09/15	Soil	Same As Above
B15060856-016	CB7-4	06/05/15 14:05	06/09/15	Soil	Same As Above
B15060856-017	CB8-1	06/05/15 15:10	06/09/15	Soil	Same As Above
B15060856-018	CB8-2	06/05/15 15:15	06/09/15	Soil	Same As Above
B15060856-019	CB8-3	06/05/15 16:00	06/09/15	Soil	Same As Above
B15060856-020	CB8-4	06/05/15 16:20	06/09/15	Soil	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-001
Client Sample ID: CB1B-1

Report Date: 06/17/15
Collection Date: 06/04/15 16:20
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	45	wt%		0.2		SW3550A	06/10/15 08:13 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1221	ND	mg/kg-dry		62		SW8082	06/11/15 08:07 / jem
Aroclor 1232	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1242	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1248	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1254	352	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1260	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1262	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Aroclor 1268	ND	mg/kg-dry		31		SW8082	06/11/15 08:07 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 08:07 / jem
Surr: Tetrachloro-m-xylene	70.0	%REC		42-115		SW8082	06/10/15 18:37 / jem

-The Reporting Limits reflect a 1000 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-002
Client Sample ID: CB1B-3 at 19-22 Feet

Report Date: 06/17/15
Collection Date: 06/04/15 16:50
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	20	wt%		0.2		SW3550A	06/10/15 08:29 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1221	ND	mg/kg-dry		211		SW8082	06/11/15 16:34 / jem
Aroclor 1232	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1242	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1248	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1254	294	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1260	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1262	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Aroclor 1268	ND	mg/kg-dry		106		SW8082	06/11/15 16:34 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 16:34 / jem
Surr: Tetrachloro-m-xylene	82.0	%REC		42-115		SW8082	06/10/15 23:04 / jem

-The Reporting Limits reflect a 5000 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-003
Client Sample ID: CB1B-4 at 23-24 Feet

Report Date: 06/17/15
Collection Date: 06/04/15 18:30
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	16	wt%		0.2		SW3550A	06/10/15 08:43 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1221	ND	mg/kg-dry		40		SW8082	06/11/15 08:34 / jem
Aroclor 1232	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1242	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1248	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1254	297	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1260	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1262	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Aroclor 1268	ND	mg/kg-dry		20		SW8082	06/11/15 08:34 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 08:34 / jem
Surr: Tetrachloro-m-xylene	84.0	%REC		42-115		SW8082	06/10/15 19:04 / jem

-The Reporting Limits reflect a 1000 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-004
Client Sample ID: CB1B-5 at 26-27 Feet

Report Date: 06/17/15
Collection Date: 06/04/15 18:30
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.7	wt%		0.2		SW3550A	06/10/15 08:48 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1221	ND	mg/kg-dry		37		SW8082	06/11/15 09:00 / jem
Aroclor 1232	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1242	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1248	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1254	758	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1260	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1262	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Aroclor 1268	ND	mg/kg-dry		19		SW8082	06/11/15 09:00 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 09:00 / jem
Surr: Tetrachloro-m-xylene	71.0	%REC		42-115		SW8082	06/10/15 19:30 / jem

-The Reporting Limits reflect a 1000 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-005
Client Sample ID: CB5-3 at 8 Feet

Report Date: 06/17/15
Collection Date: 06/04/15 10:10
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	10	wt%		0.2		SW3550A	06/10/15 08:49 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1221	ND	mg/kg-dry		379		SW8082	06/11/15 13:54 / jem
Aroclor 1232	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1242	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1248	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1254	4460	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1260	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1262	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Aroclor 1268	ND	mg/kg-dry		189		SW8082	06/11/15 13:54 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 13:54 / jem
Surr: Tetrachloro-m-xylene	72.0	%REC		42-115		SW8082	06/10/15 19:57 / jem

-The Reporting Limits reflect a 10,000 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-006
Client Sample ID: CB5-5

Report Date: 06/17/15
Collection Date: 06/04/15 11:30
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.9	wt%		0.2		SW3550A	06/10/15 09:01 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1221	ND	mg/kg-dry		374		SW8082	06/11/15 14:20 / jem
Aroclor 1232	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1242	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1248	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1254	2940	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1260	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1262	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Aroclor 1268	ND	mg/kg-dry		187		SW8082	06/11/15 14:20 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 14:20 / jem
Surr: Tetrachloro-m-xylene	80.0	%REC		42-115		SW8082	06/10/15 20:24 / jem

-The Reporting Limits reflect a 10,000 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-007
Client Sample ID: CB5-8

Report Date: 06/17/15
Collection Date: 06/04/15 13:00
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	9.5	wt%		0.2		SW3550A	06/10/15 09:07 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1221	ND	mg/kg-dry		75		SW8082	06/11/15 16:07 / jem
Aroclor 1232	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1242	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1248	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1254	1630	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1260	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1262	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Aroclor 1268	ND	mg/kg-dry		38		SW8082	06/11/15 16:07 / jem
Surr: Decachlorobiphenyl	0	%REC	O	50-126		SW8082	06/11/15 16:07 / jem
Surr: Tetrachloro-m-xylene	88.0	%REC		42-115		SW8082	06/10/15 20:51 / jem

-The Reporting Limits reflect a 2000 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-008
Client Sample ID: CB5-9

Report Date: 06/17/15
Collection Date: 06/04/15 13:00
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.2	wt%		0.2		SW3550A	06/10/15 09:17 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1221	ND	mg/kg-dry		0.19		SW8082	06/11/15 10:47 / jem
Aroclor 1232	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1242	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1248	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1254	2.8	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1260	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1262	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Aroclor 1268	ND	mg/kg-dry		0.093		SW8082	06/11/15 10:47 / jem
Surr: Decachlorobiphenyl	113	%REC		50-126		SW8082	06/11/15 10:47 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/11/15 10:47 / jem

-The Reporting Limits reflect a 5 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-009
Client Sample ID: CB6-1

Report Date: 06/17/15
Collection Date: 06/05/15 11:40
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	17	wt%		0.2		SW3550A	06/10/15 09:21 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1221	ND	mg/kg-dry		0.041		SW8082	06/11/15 22:22 / jem
Aroclor 1232	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1242	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1248	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1254	0.62	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1260	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1262	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Aroclor 1268	ND	mg/kg-dry		0.020		SW8082	06/11/15 22:22 / jem
Surr: Decachlorobiphenyl	109	%REC		50-126		SW8082	06/11/15 22:22 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/11/15 22:22 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-010
Client Sample ID: CB6-2

Report Date: 06/17/15
Collection Date: 06/05/15 12:05
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.0	wt%		0.2		SW3550A	06/10/15 09:28 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	06/11/15 22:49 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1254	0.085	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/11/15 22:49 / jem
Surr: Decachlorobiphenyl	105	%REC		50-126		SW8082	06/11/15 22:49 / jem
Surr: Tetrachloro-m-xylene	66.0	%REC		42-115		SW8082	06/11/15 22:49 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-011
Client Sample ID: CB6-3

Report Date: 06/17/15
Collection Date: 06/05/15 12:30
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	6.2	wt%		0.2		SW3550A	06/10/15 09:33 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/11/15 23:15 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1254	0.55	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/11/15 23:15 / jem
Surr: Decachlorobiphenyl	117	%REC		50-126		SW8082	06/11/15 23:15 / jem
Surr: Tetrachloro-m-xylene	70.0	%REC		42-115		SW8082	06/11/15 23:15 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-012
Client Sample ID: CB6-5

Report Date: 06/17/15
Collection Date: 06/05/15 12:40
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.7	wt%		0.2		SW3550A	06/10/15 09:40 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/11/15 01:44 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1254	0.69	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/11/15 01:44 / jem
Surr: Decachlorobiphenyl	107	%REC		50-126		SW8082	06/11/15 01:44 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/11/15 01:44 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-013
Client Sample ID: CB7-1

Report Date: 06/17/15
Collection Date: 06/05/15 13:30
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	12	wt%		0.2		SW3550A	06/10/15 09:46 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1221	ND	mg/kg-dry		0.77		SW8082	06/11/15 12:33 / jem
Aroclor 1232	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1242	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1248	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1254	19	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1260	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1262	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Aroclor 1268	ND	mg/kg-dry		0.38		SW8082	06/11/15 12:33 / jem
Surr: Decachlorobiphenyl	129	%REC	S	50-126		SW8082	06/11/15 12:33 / jem
Surr: Tetrachloro-m-xylene	89.0	%REC		42-115		SW8082	06/11/15 12:33 / jem

-The Reporting Limits reflect a 20 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-014
Client Sample ID: CB7-2

Report Date: 06/17/15
Collection Date: 06/05/15 13:40
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	10	wt%		0.2		SW3550A	06/10/15 09:55 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1221	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:00 / jem
Aroclor 1232	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1242	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1248	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1254	2.9	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1260	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1262	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Aroclor 1268	ND	mg/kg-dry		0.093		SW8082	06/11/15 13:00 / jem
Surr: Decachlorobiphenyl	127	%REC	S	50-126		SW8082	06/11/15 13:00 / jem
Surr: Tetrachloro-m-xylene	72.0	%REC		42-115		SW8082	06/11/15 13:00 / jem

-The Reporting Limits reflect a 5 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-015
Client Sample ID: CB7-3

Report Date: 06/17/15
Collection Date: 06/05/15 14:00
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	11	wt%		0.2		SW3550A	06/10/15 10:01 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1221	ND	mg/kg-dry		0.38		SW8082	06/11/15 13:27 / jem
Aroclor 1232	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1242	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1248	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1254	4.4	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1260	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1262	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Aroclor 1268	ND	mg/kg-dry		0.19		SW8082	06/11/15 13:27 / jem
Surr: Decachlorobiphenyl	123	%REC		50-126		SW8082	06/11/15 13:27 / jem
Surr: Tetrachloro-m-xylene	69.0	%REC		42-115		SW8082	06/11/15 13:27 / jem

-The Reporting Limits reflect a 10 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-016
Client Sample ID: CB7-4

Report Date: 06/17/15
Collection Date: 06/05/15 14:05
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	10	wt%		0.2		SW3550A	06/10/15 10:06 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1221	ND	mg/kg-dry		0.038		SW8082	06/11/15 23:42 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1254	0.60	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	06/11/15 23:42 / jem
Surr: Decachlorobiphenyl	115	%REC		50-126		SW8082	06/11/15 23:42 / jem
Surr: Tetrachloro-m-xylene	75.0	%REC		42-115		SW8082	06/11/15 23:42 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-017
Client Sample ID: CB8-1

Report Date: 06/17/15
Collection Date: 06/05/15 15:10
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.5	wt%		0.2		SW3550A	06/10/15 10:10 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	06/11/15 03:58 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1254	0.44	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/11/15 03:58 / jem
Surr: Decachlorobiphenyl	138	%REC	S	50-126		SW8082	06/11/15 03:58 / jem
Surr: Tetrachloro-m-xylene	75.0	%REC		42-115		SW8082	06/11/15 03:58 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded. The high percent recovery of Decachlorobiphenyl is attributed to co-eluting interference.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-018
Client Sample ID: CB8-2

Report Date: 06/17/15
Collection Date: 06/05/15 15:15
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.0	wt%		0.2		SW3550A	06/10/15 10:19 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/11/15 04:25 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1254	0.030	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:25 / jem
Surr: Decachlorobiphenyl	111	%REC		50-126		SW8082	06/11/15 04:25 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/11/15 04:25 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-019
Client Sample ID: CB8-3

Report Date: 06/17/15
Collection Date: 06/05/15 16:00
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.4	wt%		0.2		SW3550A	06/10/15 10:28 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/11/15 04:51 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1254	0.12	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/11/15 04:51 / jem
Surr: Decachlorobiphenyl	112	%REC		50-126		SW8082	06/11/15 04:51 / jem
Surr: Tetrachloro-m-xylene	71.0	%REC		42-115		SW8082	06/11/15 04:51 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033.005
Lab ID: B15060856-020
Client Sample ID: CB8-4

Report Date: 06/17/15
Collection Date: 06/05/15 16:20
DateReceived: 06/09/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	10	wt%		0.2		SW3550A	06/10/15 10:30 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1221	ND	mg/kg-dry		0.038		SW8082	06/11/15 05:18 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1254	0.17	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	06/11/15 05:18 / jem
Surr: Decachlorobiphenyl	105	%REC		50-126		SW8082	06/11/15 05:18 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	06/11/15 05:18 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields
Report Date: 06/17/15
Project: Stimson 350.0033.005
Work Order: B15060856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082									Batch: 90317
Lab ID: MB-90317	Method Blank				Run: HECD.I_150610A				06/10/15 17:17
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.033						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	99	50	126			
Surr: Tetrachloro-m-xylene			0.0017	63	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: AR1254-90317	Laboratory Control Sample				Run: HECD.I_150610A				06/10/15 17:44
Aroclor 1254	0.343	mg/kg	0.017	103	62	126			
Surr: Decachlorobiphenyl			0.0017	101	50	126			
Surr: Tetrachloro-m-xylene			0.0017	62	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15060856-002AMB	Sample Duplicate				Run: HECD.I_150610A				06/11/15 17:01
Aroclor 1016	ND	mg/kg-dry	110					40	
Aroclor 1221	ND	mg/kg-dry	210					40	
Aroclor 1232	ND	mg/kg-dry	110					40	
Aroclor 1242	ND	mg/kg-dry	110					40	
Aroclor 1248	ND	mg/kg-dry	110					40	
Aroclor 1254	289	mg/kg-dry	110				1.7	40	
Aroclor 1260	ND	mg/kg-dry	110					40	
Aroclor 1262	ND	mg/kg-dry	110					40	
Aroclor 1268	ND	mg/kg-dry	110					40	
Surr: Decachlorobiphenyl			11		50	126			O
-The Reporting Limits reflect a 5000 times dilution due to the level of Aroclor 1254 detected in the sample. - Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15060856-002ADB	Sample Duplicate				Run: HECD.I_150610A				06/11/15 17:27
Aroclor 1016	ND	mg/kg-dry	110					40	
Aroclor 1221	ND	mg/kg-dry	210					40	
Aroclor 1232	ND	mg/kg-dry	110					40	
Aroclor 1242	ND	mg/kg-dry	110					40	
Aroclor 1248	ND	mg/kg-dry	110					40	
Aroclor 1254	262	mg/kg-dry	110				11	40	
Aroclor 1260	ND	mg/kg-dry	110					40	
Aroclor 1262	ND	mg/kg-dry	110					40	
Aroclor 1268	ND	mg/kg-dry	110					40	
Surr: Decachlorobiphenyl			11		50	126			O
- Since the amount of Aroclor 1254 found in the sample was significantly higher than the spike amount, the Matrix Spike and Matrix Spike Duplicate are calculated as Duplicate samples. -The Reporting Limits reflect a 5000 times dilution due to the level of Aroclor 1254 detected in the sample. - Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
O - Diluted out.

Work Order Receipt Checklist

NewFields

B15060856

Login completed by: Randa Nees
Date Received: 6/9/2015
Reviewed by: BL2000\tedwards
Received by: lg
Reviewed Date: 6/10/2015
Carrier name: Return-UPS Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	3.1°C On Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

None

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: NewFields

Project Name, PWS, Permit, Etc.: Stimson 350.0033.005

Sample Origin State: MT

EPA/State Compliance: Yes ☑ No ☐

Report Mail Address (Required): Tyler Etzel

☑ No Hard Copy Email: tetzel@newfields.com

Contact Name: Tyler Etzel Phone/Fax: (406) 549-8270 Cell: tetzel@newfields.com

Sampler: (Please Print) Ty Schmechel

Invoice Contact & Phone:

Purchase Order:

Quote/Bottle Order:

Invoice Address (Required): Donna McCommon

☑ No Hard Copy Email: dmccommon@newfields.com

Special Report/Formats:

☐ DW ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format:
☐ State: ☐ LEVEL IV
☐ Other: ☐ NELAC

Number of Containers
Sample Type: A W S V B O DW
Air Water Soils/Solids
Vegetation Bioassay Other
DW - Drinking Water

ANALYSIS REQUESTED

PCBs Method 8082

SEE ATTACHED

Standard Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: FEDEX

Cooler ID(s):

Receipt Temp 3.1 °C

On Ice: Y N

Custody Seal On Bottle Y N On Cooler Y N

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	PCBs Method 8082	SEE ATTACHED	Standard TAT	RUSH	LABORATORY USE ONLY
1	CB1B - 1	6/4/15	16:20	S	X		X		L61506857-001
2	CB1B - 3 @ 19-22'	6/4/15	16:50						002
3	CB1B - 4 @ 23-24'	6/4/15	18:30						003
4	CB1B - 5 @ 26-27'	6/4/15	18:30						004
5	CB5 - 3 @ 7'	6/4/15	10:10						005
6	CB5 - 5	6/4/15	11:30						006
7	CB5 - 8	6/4/15	13:00						007
8	CB5 - 9	6/4/15	15:00						008
9	CB6 - 1	6/5/15	11:40						009
10	CB6 - 2	6/5/15	12:05						010

Custody Record MUST be Signed

	Relinquished by (print)	Date/Time	Signature
	Ty Schmechel	6/8/15 16:45	

Sample Disposal: Return to Client: Lab Disposal:

	Received by (print)	Date/Time	Signature
Received by Laboratory:		6-9-15 9:00	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Chain of Custody and Analytical Request Record

ENERGY

PLEASE PRINT (Provide as much information as possible.)

Company Name: Newfields

Project Name, PWS, Permit, Etc.: Stimson 350.033.005

Sample Origin State: MT

EPA/State Compliance: Yes ☑ No ☐

Report Mail Address: tetzel@newfields.com

Contact Name: Tyler Etzel

Phone/Fax: 549 8270

Email: tetzel@newfields.com

Sampler: (Please Print) Ty Schmechel

Invoice Address: dmccammon@newfields.com

Invoice Contact & Phone: Donna McCammon

Purchase Order:

Quote/Bottle Order:

Special Report/Formats:

- ☐ DW
- ☐ POTW/WWTP
- ☐ State: ________
- ☐ Other: ________
- ☐ EDD/EDT (Electronic Data) Format: ________
- ☐ LEVEL IV
- ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O DW
Air Water Soils/Solids
Vegetation Bioassay Other
DW - Drinking Water

PCBs Method 8082

SEE ATTACHED

Standard Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Rten UPS Grd

Cooler ID(s):

Receipt Temp 3.1 °C

On Ice: (Y) N

Custody Seal On Bottle Y (N)

On Cooler (Y) N

Intact (Y) N

Signature Match (Y) N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	PCBs Method 8082	Standard Turnaround (TAT)	LABORATORY USE ONLY
1	CB6-3	6/5/15	12:30	S	X	X	B15060852-001
2	CB6-5	6/5/15	12:40	↓	↓	↓	02
3	CB7-1	6/5/15	13:30	↓	↓	↓	03
4	CB7-2	6/5/15	13:40	↓	↓	↓	04
5	CB7-3	6/5/15	14:00	↓	↓	↓	05
6	CB7-4	6/5/15	14:05	↓	↓	↓	06
7	CB8-1	6/5/15	15:10	↓	↓	↓	07
8	CB8-2	6/5/15	15:15	↓	↓	↓	08
9	CB8-3	6/5/15	16:00	↓	↓	↓	09
10	CB8-4	6/5/15	1620	↓	↓	↓	020

Custody Record MUST be Signed

Relinquished by (print): Ty Schmechel Date/Time: 6/8/15 1645 Signature: [signature]

Received by (print): Date/Time: Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: Date/Time: 6-9-15 9:00 Signature: [signature]

Sample Disposal: Return to Client: ________ Lab Disposal: ________

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ANALYTICAL SUMMARY REPORT

June 18, 2015

NewFields
1120 Cedar St
Missoula, MT 59802-3911

Work Order: B15061184 Quote ID: B3097 - Stimson

Project Name: Stimson 350.0033

Energy Laboratories Inc Billings MT received the following 13 samples for NewFields on 6/11/2015 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B15061184-001	CB2B-1	06/09/15 9:17	06/11/15	Soil	Moisture Moisture Prep 8082 - Polychlorinated Biphenyls (PCB's) Percent Moisture Sonication Extraction
B15061184-002	CB2B-3	06/09/15 9:25	06/11/15	Soil	Same As Above
B15061184-003	CB2B-4	06/09/15 9:41	06/11/15	Soil	Same As Above
B15061184-004	CB2B-6	06/09/15 9:57	06/11/15	Soil	Same As Above
B15061184-005	CB4-1	06/09/15 11:25	06/11/15	Soil	Same As Above
B15061184-006	CB4-3	06/09/15 11:45	06/11/15	Soil	Same As Above
B15061184-007	CB4-4	06/09/15 11:50	06/11/15	Soil	Same As Above
B15061184-008	CB4-5	06/09/15 12:30	06/11/15	Soil	Same As Above
B15061184-009	CB4-6	06/09/15 12:35	06/11/15	Soil	Same As Above
B15061184-010	CB9-3	06/09/15 14:10	06/11/15	Soil	Same As Above
B15061184-011	CB9-4	06/09/15 14:15	06/11/15	Soil	Same As Above
B15061184-012	CB9-5	06/09/15 14:30	06/11/15	Soil	Same As Above
B15061184-013	CB9-6	06/09/15 14:35	06/11/15	Soil	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-001
Client Sample ID: CB2B-1

Report Date: 06/18/15
Collection Date: 06/09/15 09:17
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	17	wt%		0.2		SW3550A	06/15/15 15:28 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1221	ND	mg/kg-dry		0.039		SW8082	06/16/15 03:45 / jem
Aroclor 1232	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1242	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1248	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1254	0.86	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1260	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1262	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Aroclor 1268	ND	mg/kg-dry		0.020		SW8082	06/16/15 03:45 / jem
Surr: Decachlorobiphenyl	113	%REC		50-126		SW8082	06/16/15 03:45 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/16/15 03:45 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-002
Client Sample ID: CB2B-3

Report Date: 06/18/15
Collection Date: 06/09/15 09:25
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.6	wt%		0.2		SW3550A	06/15/15 15:34 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	06/16/15 04:11 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1254	0.18	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:11 / jem
Surr: Decachlorobiphenyl	108	%REC		50-126		SW8082	06/16/15 04:11 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/16/15 04:11 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-003
Client Sample ID: CB2B-4

Report Date: 06/18/15
Collection Date: 06/09/15 09:41
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.7	wt%		0.2		SW3550A	06/15/15 15:47 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/16/15 04:38 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1254	0.071	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 04:38 / jem
Surr: Decachlorobiphenyl	109	%REC		50-126		SW8082	06/16/15 04:38 / jem
Surr: Tetrachloro-m-xylene	73.0	%REC		42-115		SW8082	06/16/15 04:38 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-004
Client Sample ID: CB2B-6

Report Date: 06/18/15
Collection Date: 06/09/15 09:57
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.8	wt%		0.2		SW3550A	06/15/15 15:47 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/16/15 05:04 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1254	0.051	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:04 / jem
Surr: Decachlorobiphenyl	108	%REC		50-126		SW8082	06/16/15 05:04 / jem
Surr: Tetrachloro-m-xylene	69.0	%REC		42-115		SW8082	06/16/15 05:04 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-005
Client Sample ID: CB4-1

Report Date: 06/18/15
Collection Date: 06/09/15 11:25
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.9	wt%		0.2		SW3550A	06/15/15 15:47 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1221	ND	mg/kg-dry		0.18		SW8082	06/16/15 09:29 / jem
Aroclor 1232	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1242	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1248	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1254	2.4	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1260	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1262	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Aroclor 1268	ND	mg/kg-dry		0.092		SW8082	06/16/15 09:29 / jem
Surr: Decachlorobiphenyl	127	%REC	S	50-126		SW8082	06/16/15 09:29 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/16/15 09:29 / jem

-The Reporting Limits reflect a 5 times dilution due to the level of Aroclor 1254 detected in the sample. The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-006
Client Sample ID: CB4-3

Report Date: 06/18/15
Collection Date: 06/09/15 11:45
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.2	wt%		0.2		SW3550A	06/15/15 15:47 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	06/16/15 05:57 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1254	0.32	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 05:57 / jem
Surr: Decachlorobiphenyl	108	%REC		50-126		SW8082	06/16/15 05:57 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	06/16/15 05:57 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-007
Client Sample ID: CB4-4

Report Date: 06/18/15
Collection Date: 06/09/15 11:50
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.6	wt%		0.2		SW3550A	06/15/15 15:47 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	06/16/15 06:24 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1254	0.021	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:24 / jem
Surr: Decachlorobiphenyl	111	%REC		50-126		SW8082	06/16/15 06:24 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	06/16/15 06:24 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-008
Client Sample ID: CB4-5

Report Date: 06/18/15
Collection Date: 06/09/15 12:30
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.8	wt%		0.2		SW3550A	06/15/15 15:48 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	06/16/15 06:50 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1254	0.035	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 06:50 / jem
Surr: Decachlorobiphenyl	96.0	%REC		50-126		SW8082	06/16/15 06:50 / jem
Surr: Tetrachloro-m-xylene	82.0	%REC		42-115		SW8082	06/16/15 06:50 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-009
Client Sample ID: CB4-6

Report Date: 06/18/15
Collection Date: 06/09/15 12:35
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.0	wt%		0.2		SW3550A	06/15/15 15:51 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	06/16/15 07:17 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 07:17 / jem
Surr: Decachlorobiphenyl	105	%REC		50-126		SW8082	06/16/15 07:17 / jem
Surr: Tetrachloro-m-xylene	70.0	%REC		42-115		SW8082	06/16/15 07:17 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-010
Client Sample ID: CB9-3

Report Date: 06/18/15
Collection Date: 06/09/15 14:10
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	9.2	wt%		0.2		SW3550A	06/15/15 15:53 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	06/16/15 07:43 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/16/15 07:43 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	06/16/15 07:43 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	06/16/15 07:43 / jem
Aroclor 1248	ND	mg/kg-dry	D	1.4		SW8082	06/16/15 07:43 / jem
Aroclor 1254	ND	mg/kg-dry	D	0.36		SW8082	06/16/15 07:43 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	06/16/15 07:43 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	06/16/15 07:43 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	06/16/15 07:43 / jem
Surr: Decachlorobiphenyl	112	%REC		50-126		SW8082	06/16/15 07:43 / jem
Surr: Tetrachloro-m-xylene	70.0	%REC		42-115		SW8082	06/16/15 07:43 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-011
Client Sample ID: CB9-4

Report Date: 06/18/15
Collection Date: 06/09/15 14:15
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.3	wt%		0.2		SW3550A	06/15/15 15:59 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1221	ND	mg/kg-dry		0.034		SW8082	06/16/15 08:10 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:10 / jem
Surr: Decachlorobiphenyl	113	%REC		50-126		SW8082	06/16/15 08:10 / jem
Surr: Tetrachloro-m-xylene	71.0	%REC		42-115		SW8082	06/16/15 08:10 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-012
Client Sample ID: CB9-5

Report Date: 06/18/15
Collection Date: 06/09/15 14:30
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.5	wt%		0.2		SW3550A	06/15/15 16:01 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	06/16/15 08:36 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1254	0.12	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 08:36 / jem
Surr: Decachlorobiphenyl	112	%REC		50-126		SW8082	06/16/15 08:36 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	06/16/15 08:36 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson 350.0033
Lab ID: B15061184-013
Client Sample ID: CB9-6

Report Date: 06/18/15
Collection Date: 06/09/15 14:35
DateReceived: 06/11/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.2	wt%		0.2		SW3550A	06/15/15 16:02 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1221	ND	mg/kg-dry		0.034		SW8082	06/16/15 09:03 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	06/16/15 09:03 / jem
Surr: Decachlorobiphenyl	114	%REC		50-126		SW8082	06/16/15 09:03 / jem
Surr: Tetrachloro-m-xylene	71.0	%REC		42-115		SW8082	06/16/15 09:03 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields
Report Date: 06/18/15
Project: Stimson 350.0033
Work Order: B15061184

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082									Batch: 90441
Lab ID: MB-90441	Method Blank				Run: HECD.I_150615A				06/15/15 15:19
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.033						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	92	50	126			
Surr: Tetrachloro-m-xylene			0.0017	63	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: AR1254-90441	Laboratory Control Sample				Run: HECD.I_150615A				06/15/15 15:46
Aroclor 1254	0.332	mg/kg	0.017	101	62	126			
Surr: Decachlorobiphenyl			0.0017	93	50	126			
Surr: Tetrachloro-m-xylene			0.0017	62	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15061299-002AMB	Sample Matrix Spike				Run: HECD.I_150615A				06/15/15 17:06
Aroclor 1254	0.288	mg/kg	0.017	89	62	126			
Surr: Decachlorobiphenyl			0.0017	93	50	126			
Surr: Tetrachloro-m-xylene			0.0017	68	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15061299-002ADB	Sample Matrix Spike Duplicate				Run: HECD.I_150615A				06/15/15 17:32
Aroclor 1254	0.268	mg/kg	0.017	81	62	126	7.3	40	
Surr: Decachlorobiphenyl			0.0017	87	50	126			
Surr: Tetrachloro-m-xylene			0.0017	62	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Work Order Receipt Checklist

NewFields

B15061184

Login completed by: Randa Nees
Date Received: 6/11/2015
Reviewed by: BL2000\jmueller
Received by: lg
Reviewed Date: 6/12/2015
Carrier name: Return-UPS Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☐	No ☑	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	1.3°C On Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

Sample CB2B-1 was received at the laboratory with the container cracked but the sample was intact. This sample was transferred to another container and analysis continued per LaDonna Weis, Energy Laboratories Organics Co-Supervisor.

Chain of Custody and Analytical Request Record

Page 1 of 2

PLEASE PRINT (Provide as much information as possible.)

Company Name: Newfields

Project Name, PWS, Permit, Etc.: Stimson ~~350.0015~~ 350.0033

Sample Origin: State: MT

EPA/State Compliance: Yes ☐ No ☐

Report Mail Address (Required):

Contact Name: Tyler Etzel

Phone/Fax: 5498270

Cell: —

Sampler: (Please Print) Louise Spencer

☒ No Hard Copy Email: tetzel@newfields.com

Invoice Contact & Phone: Donna McCammon 5498270

Purchase Order: —

Quote/Bottle Order: —

Invoice Address (Required):

☒ No Hard Copy Email: dmccammon@newfields.com

Special Report/Formats:

☐ DW ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Number of Containers / Sample Type: A W S V B O DW / Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water	PCBs (Method 8082)	SEE ATTACHED	Standard Turnaround (TAT)	RUSH
1 CB2B-1	6/9/15	~~1115~~ 913	S	1	X		X	
2 CB2B-3		~~900~~ 925						
3 CB2B-4		941						
4 CB2B-6		957						
5 CB4-1		1125						
6 CB4-3		1145						
7 CB4-4		1150						
8 CB4-5		1230						
9 CB4-6		1235						
10 CB9-3		1410						

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: FEDEX Tracking

Cooler ID(s):

Receipt Temp 1.3 °C TB

On Ice: (Y) N

Custody Seal: On Bottle Y (N) / On Cooler (Y) N / Intact (Y) N / Signature Match (Y) N

LABORATORY USE ONLY: B15061184-001 002 003 004 005 006 007 008 009 010

Custody Record MUST be Signed

Relinquished by (print): Louise Spencer Date/Time: 6/10/15 1630 Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: Date/Time: 6-11-15 9:00 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Chain of Custody and Analytical Request Record

Page 2 of 2

PLEASE PRINT (Provide as much information as possible.)

Company Name: Newfields

Project Name, PWS, Permit, Etc.: Stimson 360.0033

Sample Origin State: MT

EPA/State Compliance: Yes ☐ No ☐

Report Mail Address (Required):

Contact Name: Tyler Etzel Phone/Fax: 5498270

Cell: —

Sampler: (Please Print) Louise Spencer

☒ No Hard Copy Email: tetzel@newfields.com

Invoice Contact & Phone: D. McCammon 5498270

Purchase Order: —

Quote/Bottle Order: —

Invoice Address (Required):

☒ No Hard Copy Email: dmccammon@newfields

Special Report/Formats:

☐ DW ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A Air, W Water, S Soils/Solids, V Vegetation, B Bioassay, O Other
DW - Drinking Water

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	PCBs (EPA Method 8082)	SEE ATTACHED	Standard Turnaround (TAT)	RUSH
1 CB9-4	6/9/15	1415	S	X		X	
2 CB9-5	↓	1430	↓	↓		↓	
3 CB9-6	↓	1435	↓	↓		↓	
4							
5							
6							
7							
8							
9							
10							

→ Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: FEDEX

Cooler ID(s):

Receipt Temp 1.3 °C TB

On Ice: (Y) N

Custody Seal: On Bottle Y (N) On Cooler (Y) N Intact (Y) N Signature Match (Y) N

LABORATORY USE ONLY

1506118-011
012
013

Custody Record MUST be Signed

Relinquished by (print): Louise Spencer Date/Time: 6/10/15 1630 Signature:

Relinquished by (print): Date/Time: Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

Received by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: Date/Time: 6-11-15 9:17 Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

APPENDIX G

August 2015 Soil Boring Analytical Results

ANALYTICAL SUMMARY REPORT

August 27, 2015

NewFields
1120 Cedar St
Missoula, MT 59802-3911

Work Order: B15081868 Quote ID: B3097

Project Name: Stimson

Energy Laboratories Inc Billings MT received the following 23 samples for NewFields on 8/20/2015 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B15081868-001	CB-10-1, 2-3 Feet	08/18/15 8:30	08/20/15	Soil	Moisture Moisture Prep 8082 - Polychlorinated Biphenyls (PCB's) Percent Moisture Sonication Extraction
B15081868-002	CB-10-2, 9-10 Feet	08/18/15 8:55	08/20/15	Soil	Same As Above
B15081868-003	CB-10-3, 13-14 Feet	08/18/15 9:00	08/20/15	Soil	Same As Above
B15081868-004	CB-10-4, 18-19 Feet	08/18/15 9:15	08/20/15	Soil	Same As Above
B15081868-005	CB-10-5, 23-24 Feet	08/18/15 9:20	08/20/15	Soil	Same As Above
B15081868-006	CB-11-1, 4-5 Feet	08/18/15 12:48	08/20/15	Soil	Same As Above
B15081868-007	CB-11-2, 8-9 Feet	08/18/15 12:57	08/20/15	Soil	Same As Above
B15081868-008	CB-11-3, 12-13 Feet	08/18/15 13:00	08/20/15	Soil	Same As Above
B15081868-009	CB-11-4, 18-19 Feet	08/18/15 13:17	08/20/15	Soil	Same As Above
B15081868-010	CB-11-5, 23-24 Feet	08/18/15 13:21	08/20/15	Soil	Same As Above
B15081868-011	CB-12-1, 4-5 Feet	08/18/15 14:46	08/20/15	Soil	Same As Above
B15081868-012	CB-12-2, 8-9 Feet	08/18/15 15:05	08/20/15	Soil	Same As Above
B15081868-013	CB-12-3, 12-13 Feet	08/18/15 15:08	08/20/15	Soil	Same As Above
B15081868-014	CB-12-4, 19-20 Feet	08/18/15 15:20	08/20/15	Soil	Same As Above
B15081868-015	CB-12-5, 28-29 Feet	08/18/15 15:43	08/20/15	Soil	Same As Above
B15081868-016	CB-13-1, 2-3 Feet	08/18/15 10:25	08/20/15	Soil	Same As Above
B15081868-017	CB-13-2, 8-9 Feet	08/18/15 10:30	08/20/15	Soil	Same As Above
B15081868-018	CB-13-3, 12-13 Feet	08/18/15 10:34	08/20/15	Soil	Same As Above
B15081868-019	CB-13-4, 17-18 Feet	08/18/15 10:40	08/20/15	Soil	Same As Above
B15081868-020	CB-13-5, 22-23 Feet	08/18/15 10:43	08/20/15	Soil	Same As Above
B15081868-021	CB-14-1, 28-29 Feet	08/19/15 10:36	08/20/15	Soil	Same As Above
B15081868-022	CB-14-2, 32-33 Feet	08/19/15 10:42	08/20/15	Soil	Same As Above
B15081868-023	CB-14-3, 39-40 Feet	08/19/15 10:48	08/20/15	Soil	Same As Above

ANALYTICAL SUMMARY REPORT

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-001
Client Sample ID: CB-10-1, 2-3 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 08:30
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.6	wt%		0.2		SW3550A	08/20/15 14:23 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1221	ND	mg/kg-dry		0.14		SW8082	08/26/15 02:12 / jem
Aroclor 1232	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1242	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1248	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1254	1.5	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1260	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1262	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Aroclor 1268	ND	mg/kg-dry		0.072		SW8082	08/26/15 02:12 / jem
Surr: Decachlorobiphenyl	96.0	%REC		50-126		SW8082	08/26/15 02:12 / jem
Surr: Tetrachloro-m-xylene	78.0	%REC		42-115		SW8082	08/26/15 02:12 / jem

-The Reporting Limits reflect a 4 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-002
Client Sample ID: CB-10-2, 9-10 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 08:55
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	3.5	wt%		0.2		SW3550A	08/20/15 14:24 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1221	ND	mg/kg-dry		0.034		SW8082	08/23/15 22:46 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	08/23/15 22:46 / jem
Surr: Decachlorobiphenyl	94.0	%REC		50-126		SW8082	08/23/15 22:46 / jem
Surr: Tetrachloro-m-xylene	78.0	%REC		42-115		SW8082	08/23/15 22:46 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-003
Client Sample ID: CB-10-3, 13-14 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 09:00
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.8	wt%		0.2		SW3550A	08/20/15 14:32 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	08/23/15 23:14 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	08/23/15 23:14 / jem
Surr: Decachlorobiphenyl	95.0	%REC		50-126		SW8082	08/23/15 23:14 / jem
Surr: Tetrachloro-m-xylene	76.0	%REC		42-115		SW8082	08/23/15 23:14 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-004
Client Sample ID: CB-10-4, 18-19 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 09:15
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	11	wt%		0.2		SW3550A	08/21/15 09:24 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	08/23/15 23:42 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1254	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/23/15 23:42 / jem
Surr: Decachlorobiphenyl	93.0	%REC		50-126		SW8082	08/23/15 23:42 / jem
Surr: Tetrachloro-m-xylene	75.0	%REC		42-115		SW8082	08/23/15 23:42 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-005
Client Sample ID: CB-10-5, 23-24 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 09:20
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.4	wt%		0.2		SW3550A	08/21/15 09:40 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	08/24/15 03:53 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1254	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	08/24/15 03:53 / jem
Surr: Decachlorobiphenyl	98.0	%REC		50-126		SW8082	08/24/15 03:53 / jem
Surr: Tetrachloro-m-xylene	75.0	%REC		42-115		SW8082	08/24/15 03:53 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-006
Client Sample ID: CB-11-1, 4-5 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 12:48
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	12	wt%		0.2		SW3550A	08/21/15 09:40 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	08/24/15 04:20 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1254	0.043	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:20 / jem
Surr: Decachlorobiphenyl	101	%REC		50-126		SW8082	08/24/15 04:20 / jem
Surr: Tetrachloro-m-xylene	75.0	%REC		42-115		SW8082	08/24/15 04:20 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-007
Client Sample ID: CB-11-2, 8-9 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 12:57
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	12	wt%		0.2		SW3550A	08/21/15 09:40 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	08/24/15 04:48 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1254	0.21	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 04:48 / jem
Surr: Decachlorobiphenyl	95.0	%REC		50-126		SW8082	08/24/15 04:48 / jem
Surr: Tetrachloro-m-xylene	60.0	%REC		42-115		SW8082	08/24/15 04:48 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-008
Client Sample ID: CB-11-3, 12-13 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 13:00
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.9	wt%		0.2		SW3550A	08/21/15 09:44 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	08/24/15 05:16 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1254	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:16 / jem
Surr: Decachlorobiphenyl	100	%REC		50-126		SW8082	08/24/15 05:16 / jem
Surr: Tetrachloro-m-xylene	75.0	%REC		42-115		SW8082	08/24/15 05:16 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-009
Client Sample ID: CB-11-4, 18-19 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 13:17
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	13	wt%		0.2		SW3550A	08/21/15 09:48 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	08/24/15 05:44 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1254	0.29	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 05:44 / jem
Surr: Decachlorobiphenyl	104	%REC		50-126		SW8082	08/24/15 05:44 / jem
Surr: Tetrachloro-m-xylene	77.0	%REC		42-115		SW8082	08/24/15 05:44 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-010
Client Sample ID: CB-11-5, 23-24 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 13:21
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.3	wt%		0.2		SW3550A	08/21/15 10:05 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1221	ND	mg/kg-dry		0.072		SW8082	08/26/15 03:36 / jem
Aroclor 1232	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1242	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1248	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1254	1.2	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1260	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1262	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Aroclor 1268	ND	mg/kg-dry		0.037		SW8082	08/26/15 03:36 / jem
Surr: Decachlorobiphenyl	95.0	%REC		50-126		SW8082	08/26/15 03:36 / jem
Surr: Tetrachloro-m-xylene	79.0	%REC		42-115		SW8082	08/26/15 03:36 / jem

-The Reporting Limits reflect a 2 times dilution due to the level of Aroclor 1254 detected in the sample.
- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-011
Client Sample ID: CB-12-1, 4-5 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 14:46
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	4.1	wt%		0.2		SW3550A	08/21/15 10:09 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1221	ND	mg/kg-dry		0.034		SW8082	08/24/15 06:39 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1254	0.081	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	08/24/15 06:39 / jem
Surr: Decachlorobiphenyl	100	%REC		50-126		SW8082	08/24/15 06:39 / jem
Surr: Tetrachloro-m-xylene	77.0	%REC		42-115		SW8082	08/24/15 06:39 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-012
Client Sample ID: CB-12-2, 8-9 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 15:05
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	7.0	wt%		0.2		SW3550A	08/21/15 10:17 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1221	ND	mg/kg-dry		0.088		SW8082	08/26/15 04:03 / jem
Aroclor 1232	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1242	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1248	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1254	1.4	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1260	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1262	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Aroclor 1268	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:03 / jem
Surr: Decachlorobiphenyl	101	%REC		50-126		SW8082	08/26/15 04:03 / jem
Surr: Tetrachloro-m-xylene	69.0	%REC		42-115		SW8082	08/26/15 04:03 / jem

-The Reporting Limits reflect a 2.5 times dilution due to the level of Aroclor 1254 detected in the sample.
- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-013
Client Sample ID: CB-12-3, 12-13 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 15:08
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.8	wt%		0.2		SW3550A	08/21/15 10:21 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1221	ND	mg/kg-dry		0.087		SW8082	08/26/15 04:32 / jem
Aroclor 1232	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1242	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1248	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1254	2.3	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1260	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1262	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Aroclor 1268	ND	mg/kg-dry		0.045		SW8082	08/26/15 04:32 / jem
Surr: Decachlorobiphenyl	98.0	%REC		50-126		SW8082	08/26/15 04:32 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	08/26/15 04:32 / jem

-The Reporting Limits reflect a 2.5 times dilution due to the level of Aroclor 1254 detected in the sample.
- The Aroclor 1254 pattern found in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-014
Client Sample ID: CB-12-4, 19-20 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 15:20
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	11	wt%		0.2		SW3550A	08/21/15 10:25 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	08/24/15 08:02 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1254	0.058	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:02 / jem
Surr: Decachlorobiphenyl	101	%REC		50-126		SW8082	08/24/15 08:02 / jem
Surr: Tetrachloro-m-xylene	83.0	%REC		42-115		SW8082	08/24/15 08:02 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-015
Client Sample ID: CB-12-5, 28-29 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 15:43
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	10	wt%		0.2		SW3550A	08/21/15 10:36 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	08/24/15 08:30 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1254	0.27	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 08:30 / jem
Surr: Decachlorobiphenyl	98.0	%REC		50-126		SW8082	08/24/15 08:30 / jem
Surr: Tetrachloro-m-xylene	74.0	%REC		42-115		SW8082	08/24/15 08:30 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-016
Client Sample ID: CB-13-1, 2-3 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 10:25
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	13	wt%		0.2		SW3550A	08/21/15 10:37 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1221	ND	mg/kg-dry		0.38		SW8082	08/26/15 04:59 / jem
Aroclor 1232	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1242	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1248	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1254	9.7	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1260	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1262	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Aroclor 1268	ND	mg/kg-dry		0.19		SW8082	08/26/15 04:59 / jem
Surr: Decachlorobiphenyl	117	%REC		50-126		SW8082	08/26/15 04:59 / jem
Surr: Tetrachloro-m-xylene	86.0	%REC		42-115		SW8082	08/26/15 04:59 / jem

-The Reporting Limits reflect a 10 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-017
Client Sample ID: CB-13-2, 8-9 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 10:30
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	14	wt%		0.2		SW3550A	08/21/15 10:46 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1221	ND	mg/kg-dry		0.038		SW8082	08/24/15 13:31 / jem
Aroclor 1232	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1242	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1248	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1254	0.15	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1260	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1262	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Aroclor 1268	ND	mg/kg-dry		0.020		SW8082	08/24/15 13:31 / jem
Surr: Decachlorobiphenyl	100	%REC		50-126		SW8082	08/24/15 13:31 / jem
Surr: Tetrachloro-m-xylene	79.0	%REC		42-115		SW8082	08/24/15 13:31 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-018
Client Sample ID: CB-13-3, 12-13 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 10:34
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	13	wt%		0.2		SW3550A	08/21/15 10:51 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1221	ND	mg/kg-dry		0.038		SW8082	08/24/15 13:59 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1254	0.23	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 13:59 / jem
Surr: Decachlorobiphenyl	96.0	%REC		50-126		SW8082	08/24/15 13:59 / jem
Surr: Tetrachloro-m-xylene	73.0	%REC		42-115		SW8082	08/24/15 13:59 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-019
Client Sample ID: CB-13-4, 17-18 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 10:40
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.3	wt%		0.2		SW3550A	08/21/15 10:59 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1221	ND	mg/kg-dry		0.035		SW8082	08/24/15 14:27 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1254	0.18	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:27 / jem
Surr: Decachlorobiphenyl	94.0	%REC		50-126		SW8082	08/24/15 14:27 / jem
Surr: Tetrachloro-m-xylene	77.0	%REC		42-115		SW8082	08/24/15 14:27 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-020
Client Sample ID: CB-13-5, 22-23 Feet

Report Date: 08/27/15
Collection Date: 08/18/15 10:43
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.0	wt%		0.2		SW3550A	08/21/15 11:06 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	08/24/15 14:56 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1254	0.087	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	08/24/15 14:56 / jem
Surr: Decachlorobiphenyl	104	%REC		50-126		SW8082	08/24/15 14:56 / jem
Surr: Tetrachloro-m-xylene	87.0	%REC		42-115		SW8082	08/24/15 14:56 / jem

- The Aroclor 1254 pattern detected in this sample was significantly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-021
Client Sample ID: CB-14-1, 28-29 Feet

Report Date: 08/27/15
Collection Date: 08/19/15 10:36
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	9.7	wt%		0.2		SW3550A	08/21/15 11:08 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1221	ND	mg/kg-dry		36		SW8082	08/26/15 12:08 / jem
Aroclor 1232	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1242	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1248	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1254	470	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1260	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1262	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Aroclor 1268	ND	mg/kg-dry		19		SW8082	08/26/15 12:08 / jem
Surr: Decachlorobiphenyl	357	%REC	S	50-126		SW8082	08/24/15 15:26 / jem
Surr: Tetrachloro-m-xylene	88.0	%REC		42-115		SW8082	08/24/15 15:26 / jem

-The high percent recovery of Decachlorobiphenyl is attributed to co-eluting interference on the primary column.
-The Reporting Limits reflect a 1000 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-022
Client Sample ID: CB-14-2, 32-33 Feet

Report Date: 08/27/15
Collection Date: 08/19/15 10:42
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.5	wt%		0.2		SW3550A	08/21/15 11:13 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1221	ND	mg/kg-dry		0.036		SW8082	08/24/15 16:22 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1254	1.1	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	08/24/15 16:22 / jem
Surr: Decachlorobiphenyl	95.0	%REC		50-126		SW8082	08/24/15 16:22 / jem
Surr: Tetrachloro-m-xylene	61.0	%REC		42-115		SW8082	08/24/15 16:22 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson
Lab ID: B15081868-023
Client Sample ID: CB-14-3, 39-40 Feet

Report Date: 08/27/15
Collection Date: 08/19/15 10:48
DateReceived: 08/20/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	9.4	wt%		0.2		SW3550A	08/21/15 11:19 / tmc
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1221	ND	mg/kg-dry		0.36		SW8082	08/26/15 13:04 / jem
Aroclor 1232	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1242	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1248	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1254	2.7	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1260	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1262	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Aroclor 1268	ND	mg/kg-dry		0.19		SW8082	08/26/15 13:04 / jem
Surr: Decachlorobiphenyl	95.0	%REC		50-126		SW8082	08/26/15 13:04 / jem
Surr: Tetrachloro-m-xylene	73.0	%REC		42-115		SW8082	08/26/15 13:04 / jem

-The Reporting Limits reflect a 10 times dilution due to the level of Aroclor 1254 detected in the sample.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson

Report Date: 08/27/15
Work Order: B15081868

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082									Batch: 92484
Lab ID: MB-92484	Method Blank				Run: AECD.I_150823B				08/23/15 20:27
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.033						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	90	50	126			
Surr: Tetrachloro-m-xylene			0.0017	68	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: AR1254-92484	Laboratory Control Sample				Run: AECD.I_150823B				08/23/15 20:54
Aroclor 1254	0.316	mg/kg	0.017	95	62	126			
Surr: Decachlorobiphenyl			0.0017	91	50	126			
Surr: Tetrachloro-m-xylene			0.0017	48	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15081868-001AMB	Sample Matrix Spike				Run: AECD.I_150823B				08/26/15 02:40
Aroclor 1254	1.78	mg/kg-dry	0.072	76	62	126			
Surr: Decachlorobiphenyl			0.0072	95	50	126			
Surr: Tetrachloro-m-xylene			0.0072	70	42	115			
-The Reporting Limits reflect a 4 times dilution due to the level of Aroclor 1254 detected in the sample. - Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15081868-001ADB	Sample Matrix Spike Duplicate				Run: AECD.I_150823B				08/26/15 03:08
Aroclor 1254	1.95	mg/kg-dry	0.072	124	62	126	9.1	40	
Surr: Decachlorobiphenyl			0.0072	98	50	126			
Surr: Tetrachloro-m-xylene			0.0072	80	42	115			
-The Reporting Limits reflect a 4 times dilution due to the level of Aroclor 1254 detected in the sample. - Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson

Report Date: 08/27/15
Work Order: B15081868

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082									Batch: 92498
Lab ID: MB-92498	Method Blank				Run: AECD.I_150823B				08/23/15 21:22
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.033						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	88	50	126			
Surr: Tetrachloro-m-xylene			0.0017	63	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: AR1254-92498	Laboratory Control Sample				Run: AECD.I_150823B				08/23/15 21:50
Aroclor 1254	0.338	mg/kg	0.017	102	62	126			
Surr: Decachlorobiphenyl			0.0017	89	50	126			
Surr: Tetrachloro-m-xylene			0.0017	60	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15081868-004AMB	Sample Matrix Spike				Run: AECD.I_150823B				08/24/15 01:33
Aroclor 1254	0.400	mg/kg-dry	0.019	107	62	126			
Surr: Decachlorobiphenyl			0.0019	95	50	126			
Surr: Tetrachloro-m-xylene			0.0019	72	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: B15081868-004ADB	Sample Matrix Spike Duplicate				Run: AECD.I_150823B				08/24/15 02:01
Aroclor 1254	0.390	mg/kg-dry	0.019	104	62	126	2.5	40	
Surr: Decachlorobiphenyl			0.0019	93	50	126			
Surr: Tetrachloro-m-xylene			0.0019	72	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Work Order Receipt Checklist

NewFields

B15081868

Login completed by: Randa Nees
Date Received: 8/20/2015
Reviewed by: BL2000\raschim
Received by: qej
Reviewed Date: 8/20/2015
Carrier name: Return-UPS Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☐	No ☑	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	4.1°C On Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

Sample CB-14-1 28-29 Feet was received cracked but sample was intact, analysis was continued.

Chain of Custody and Analytical Request Record

Page 1 of 3

PLEASE PRINT (Provide as much information as possible.)

Company Name: NewFields	Project Name, PWS, Permit, Etc.: [redacted] Stimson	Sample Origin State: MT	EPA/State Compliance: Yes ☐ No ☐
Report Mail Address (Required): 1120 Cedar Street Missoula, MT 59802 ☐ No Hard Copy Email: tetzel@newfields.com	Contact Name: Tyler Etzel Phone/Fax: 406-549-8370	Cell: 406-240-7795	Sampler: (Please Print) Ty Schmechel
Invoice Address (Required): see above ☐ No Hard Copy Email:	Invoice Contact & Phone: Donna McCammon 406-549-8370	Purchase Order: 350.0035.005	Quote/Bottle Order:

Special Report/Formats:
☐ DW ☐ POTW/WWTP ☐ State: ☐ Other: ☒ EDD/EDT (Electronic Data) Format: ☐ LEVEL IV ☐ NELAC

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O DW; Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water)	EPA Method 8082	SEE ATTACHED	Standard Turnaround (TAT)	RUSH	Comments:	LABORATORY USE ONLY
1 CB-10-1 (2-3')	8-18-15	08 30	S	X		X			L8081868-001
2 CB-10-2 (9-10')	8-18-15	08 55	S	X		X			002
3 CB-10-3 (13-14')	8-18-15	09 00	S	X		X			003
4 CB-10-4 (18-19')	8-18-15	09 15	S	X		X			004
5 CB-10-5 (23-24')	8-18-15	09 20	S	X		X			005
6 CB-10-6 (29-30')	8-18-15	09 30	S	X		X		Hold Analysis	-
7 CB-10-7 (33-34')	8-18-15	09 24	S	X		X		"	-
8 CB-10-8 (38-39')	8-18-15	09 50	S	X		X		"	-
9 CB-11-1 (4-5')	8-18-15	12 48	S	X		X			006
10 CB-11-2 (8-9')	8-18-15	12 57	S	X		X			007

Shipped by: Rtn UPS Grnd
Cooler ID(s):
Receipt Temp: 4.1 °C TB
On Ice: (Y) N
Custody Seal: On Bottle (Y) N; On Cooler (Y) N
Intact: (Y) N
Signature Match: (Y) N

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Custody Record MUST be Signed

Relinquished by (print): Ty Schmechel	Date/Time: 8-19-15 / 16 00	Signature:	Received by (print): / Date/Time: / Signature:
Relinquished by (print):	Date/Time:	Signature:	Received by (print): / Date/Time: / Signature:
Sample Disposal: Return to Client: ____ Lab Disposal: ____			Received by Laboratory: 8/20/15 09:30 Quincee Jones

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: NewFields	Project Name, PWS, Permit, Etc.: Stimson	Sample Origin State: MT	EPA/State Compliance: Yes ☐ No ☐
Report Mail Address (Required): 1120 Cedar Street, Missoula, MT 59802	Contact Name: Tyler Etzel	Phone/Fax: 406-549-8270	Cell: 406-240-7795
☐ No Hard Copy Email: tetzel@newfields.com	Invoice Contact & Phone: Donna McMannon 406-549-8270	Purchase Order: 350.0052.005	Sampler: (Please Print) Ty Schmechel
Invoice Address (Required): See above			Quote/Bottle Order:
☐ No Hard Copy Email:			

Special Report/Formats:
☐ DW ☐ POTW/WWTP ☐ State: ____ ☐ Other: ____
☒ EDD/EDT (Electronic Data) Format: ____ ☐ LEVEL IV ☐ NELAC

Number of Containers
Sample Type: A Water S Soils/Solids V Vegetation B Bioassay O Other D Drinking Water

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	EPA Method 8082	SEE ATTACHED	Standard Turnaround (TAT)
1	CB-11-3 (12-13')	8-18-15	13 00	S	X		X
2	CB-11-4 (18-19')	8-18-15	1317	S	X		X
3	CB-11-5 (23-24')	8-18-15	1321	S	X		X
4	CB-12-1 (4-5')	8-18-15	14 46	S	X		X
5	CB-12-2 (8-9')	8-18-15	15 05	S	X		X
6	CB-12-3 (12-13')	8-18-15	1508	S	X		X
7	CB-12-4 (19-20')	8-18-15	15 20	S	X		X
8	CB-12-5 (28-29')	8-18-15	15 43	S	X		X
9	CB-13-1 (2-3')	8-18-15	10 25	S	X		X
10	CB-13-2 (8-9')	8-18-15	10 30	S	X		X

RUSH — Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Rtn: UPS Gnd
Cooler ID(s):
Receipt Temp 4.1 °C TB
On Ice: Y N
Custody Seal On Bottle N On Cooler N
Intact N
Signature Match N

LABORATORY USE ONLY
L15D8182.8-008
009
010
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015
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017

Custody Record MUST be Signed

Relinquished by (print): Ty Schmechel	Date/Time: 8-19-15/16 00	Signature: Ty Schmechel	Received by (print): / Date/Time: / Signature:
Relinquished by (print):	Date/Time:	Signature:	Received by (print): / Date/Time: / Signature:
Sample Disposal: Return to Client: ____	Lab Disposal: ____		Received by Laboratory: 8/20/15 09:30 Quince Jones

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: NewFields

Report Mail Address (Required): 1120 Cedar Street, Missoula, MT 59802

No Hard Copy Email: tetzel@newfields.com

Invoice Address (Required): see above

No Hard Copy Email:

Special Report/Formats:
- ☐ DW
- ☐ POTW/WWTP
- ☐ State: ____
- ☐ Other: ____
- ☒ EDD/EDT (Electronic Data) Format: ____
- ☐ LEVEL IV
- ☐ NELAC

Project Name, PWS, Permit, Etc.: Stimson

Sample Origin State: MT

EPA/State Compliance: Yes ☐ No ☐

Contact Name: Tyler Etzel Phone/Fax: 406-549-8270 Cell: 406-240-7795

Sampler: (Please Print) Ty Schmechel

Invoice Contact & Phone: Donna McMammon 406-549-8270

Purchase Order: 350.0023.005

Quote/Bottle Order:

ANALYSIS REQUESTED

Number of Containers
Sample Type: A Water S Soils/Solids V Vegetation B Air O Other DW - Drinking Water

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	EPA Method 8032	SEE ATTACHED	Standard Turnaround (TAT)
1 CB-13-3 (12-13')	8-18-15	10 34	S	X		X
2 CB-13-4 (17-18')	8-18-15	10 40	S	X		X
3 CB-13-5 (22-23')	8-18-15	10 43	S	X		X
4 CB-14-1 (28-29')	8-19-15	10 36	S	X		X
5 CB-14-2 (32-35')	8-19-15	10 42	S	X		X
6 CB-14-3 (39-40')	8-19-15	10 48	S	X		X
7						
8						
9						
10						

RUSH — Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Rtn. UPS Grnd

Cooler ID(s):

Receipt Temp 4.1 °C TB

On Ice: (Y) N

Custody Seal On Bottle N On Cooler N

Intact (Y) N

Signature Match (Y) N

LABORATORY USE ONLY: L15081828-018, 019, 020, 021, 022, 023

Custody Record MUST be Signed

Relinquished by (print): Ty Schmechel Date/Time: 8-19-15/1600 Signature:

Relinquished by (print): Date/Time: Signature:

Sample Disposal: Return to Client: ____ Lab Disposal: ____

Received by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: 8/20/15 09:30 (Quinlee) Jones Date/Time: Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

ANALYTICAL SUMMARY REPORT

September 03, 2015

NewFields
1120 Cedar St
Missoula, MT 59802-3911

Work Order: B15090032 Quote ID: B3097 - Stimson

Project Name: Stimson Compressor Building

Energy Laboratories Inc Billings MT received the following 3 samples for NewFields on 9/1/2015 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B15090032-001	CB-11-6@28-29 Feet	08/18/15 13:36	09/01/15	Soil	Moisture Moisture Prep 8082 - Polychlorinated Biphenyls (PCB's) Percent Moisture Sonication Extraction
B15090032-002	CB-11-7@33-34 Feet	08/18/15 13:39	09/01/15	Soil	Same As Above
B15090032-003	CB-11-8@39-40 Feet	08/18/15 13:42	09/01/15	Soil	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Compressor Building
Lab ID: B15090032-001
Client Sample ID: CB-11-6@28-29 Feet

Report Date: 09/03/15
Collection Date: 08/18/15 13:36
DateReceived: 09/01/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	8.5	wt%		0.2		SW3550A	09/01/15 11:07 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1221	ND	mg/kg-dry		0.071		SW8082	09/02/15 23:02 / jem
Aroclor 1232	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1242	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1248	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1254	1.3	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1260	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1262	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Aroclor 1268	ND	mg/kg-dry		0.037		SW8082	09/02/15 23:02 / jem
Surr: Decachlorobiphenyl	100	%REC		50-126		SW8082	09/02/15 23:02 / jem
Surr: Tetrachloro-m-xylene	69.0	%REC		42-115		SW8082	09/02/15 23:02 / jem

- The Reporting Limits reflect a 2 times dilution due to the level of Aroclor 1254 detected in the sample.The Aroclor 1254 pattern detected in this sample was slightly degraded.
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Compressor Building
Lab ID: B15090032-002
Client Sample ID: CB-11-7@33-34 Feet

Report Date: 09/03/15
Collection Date: 08/18/15 13:39
DateReceived: 09/01/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	5.6	wt%		0.2		SW3550A	09/01/15 11:11 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1221	ND	mg/kg-dry		0.034		SW8082	09/01/15 15:21 / jem
Aroclor 1232	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1242	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1248	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1254	0.37	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1260	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1262	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Aroclor 1268	ND	mg/kg-dry		0.018		SW8082	09/01/15 15:21 / jem
Surr: Decachlorobiphenyl	92.0	%REC		50-126		SW8082	09/01/15 15:21 / jem
Surr: Tetrachloro-m-xylene	67.0	%REC		42-115		SW8082	09/01/15 15:21 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields
Project: Stimson Compressor Building
Lab ID: B15090032-003
Client Sample ID: CB-11-8@39-40 Feet

Report Date: 09/03/15
Collection Date: 08/18/15 13:42
DateReceived: 09/01/15
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	9.9	wt%		0.2		SW3550A	09/01/15 11:15 / amn
POLYCHLORINATED BIPHENYLS (PCBS)							
Aroclor 1016	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1221	ND	mg/kg-dry		0.037		SW8082	09/01/15 15:50 / jem
Aroclor 1232	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1242	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1248	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1254	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1260	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1262	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Aroclor 1268	ND	mg/kg-dry		0.019		SW8082	09/01/15 15:50 / jem
Surr: Decachlorobiphenyl	79.0	%REC		50-126		SW8082	09/01/15 15:50 / jem
Surr: Tetrachloro-m-xylene	55.0	%REC		42-115		SW8082	09/01/15 15:50 / jem

- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields **Report Date:** 09/03/15

Project: Stimson Compressor Building **Work Order:** B15090032

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **SW8082**									Batch: 92796
Lab ID: **MB-92796**	Method Blank				Run: AECD.I_150901A				09/01/15 13:57
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.034						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	84	50	126			
Surr: Tetrachloro-m-xylene			0.0017	63	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: **AR1254-92796**	Laboratory Control Sample				Run: AECD.I_150901A				09/01/15 14:25
Aroclor 1254	0.324	mg/kg	0.017	97	62	126			
Surr: Decachlorobiphenyl			0.0017	88	50	126			
Surr: Tetrachloro-m-xylene			0.0017	56	42	115			
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: **B15090032-001AMB**	Sample Duplicate				Run: AECD.I_150901A				09/02/15 23:30
Aroclor 1016	ND	mg/kg-dry	0.038						40
Aroclor 1221	ND	mg/kg-dry	0.074						40
Aroclor 1232	ND	mg/kg-dry	0.038						40
Aroclor 1242	ND	mg/kg-dry	0.038						40
Aroclor 1248	ND	mg/kg-dry	0.038						40
Aroclor 1254	1.49	mg/kg-dry	0.038				12		40
Aroclor 1260	ND	mg/kg-dry	0.038						40
Aroclor 1262	ND	mg/kg-dry	0.038						40
Aroclor 1268	ND	mg/kg-dry	0.038						40
Surr: Decachlorobiphenyl			0.0038	99	50	126			
Surr: Tetrachloro-m-xylene			0.0038	69	42	115			
- The Reporting Limits reflect a 2 times dilution due to the level of Aroclor 1254 detected in the sample.The Aroclor 1254 pattern detected in this sample was slightly degraded.									
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Lab ID: **B15090032-001ADB**	Sample Duplicate				Run: AECD.I_150901A				09/02/15 23:58
Aroclor 1016	ND	mg/kg-dry	0.037						40
Aroclor 1221	ND	mg/kg-dry	0.071						40
Aroclor 1232	ND	mg/kg-dry	0.037						40
Aroclor 1242	ND	mg/kg-dry	0.037						40
Aroclor 1248	ND	mg/kg-dry	0.037						40
Aroclor 1254	1.62	mg/kg-dry	0.037				20		40
Aroclor 1260	ND	mg/kg-dry	0.037						40
Aroclor 1262	ND	mg/kg-dry	0.037						40
Aroclor 1268	ND	mg/kg-dry	0.037						40
Surr: Decachlorobiphenyl			0.0037	98	50	126			
Surr: Tetrachloro-m-xylene			0.0037	71	42	115			
- Because the amount of Aroclor 1254 detected in the sample was significantly higher than the spike amount, the Matrix Spike and Matrix Spike Duplicate are calculated as Duplicate samples. The Reporting Limits reflect a 2 times dilution due to the level of Aroclor 1254 detected in the sample.The Aroclor 1254 pattern detected in this sample was slightly degraded.									
- Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Work Order Receipt Checklist

NewFields

B15090032

Login completed by: Leslie S. Cadreau
Date Received: 9/1/2015

Reviewed by: BL2000\jmueller
Received by: brg

Reviewed Date: 9/1/2015
Carrier name: Return-UPS Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☐	No ☑	Not Applicable ☐
Container/Temp Blank temperature:	5.8°C On Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

Rush samples due 09/03/15 per Shari Endy, Project Manager, on 09/02/15.

ENERGY LABORATORIES
Trust our People. Trust our Data.

Chain of Custody & Analytical Request Record

www.energylab.com

Account Information *(Billing information)*

Company/Name	NewFields
Contact	Tyler Etzel
Phone	(406) 240-7795
Mailing Address	1120 Cedar Street
City, State, Zip	Missoula, MT 59802
Email	tetzel@newfields.com
Receive Invoice	☐Hard Copy ■Email
Receive Report	☐Hard Copy ■Email
Purchase Order	350.0033.005
Quote	

Report Information *(if different than Account Information)*

Company/Name	
Contact	
Phone	
Mailing Address	
City, State, Zip	
Email	
Receive Report	☐Hard Copy ☐Email

Special Report/Formats:
☐ LEVEL IV ☐ NELAC ☐ EDD/EDT *(contact laboratory)* ☐ Other_____

Comments

Project Information

Project Name, PWSID, Permit, etc.	Stimson Compressor Building
Bottle Order	
Sample Origin State	Montana
EPA/State Compliance	☐ Yes ■ No
Sampler Name	Ty Schmechel
Sampler Phone	(406) 855-6884

Matrix Codes
A - Air
W - Water
S - Soils/Solids
V - Vegetation
B - Bioassay
O - Other
DW - Drinking Water

All turnaround times are standard unless marked as RUSH.
Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling – See Instructions Page

Sample Identification *(Name, Location, Interval, etc.)*	Collection Date	Collection Time	Number of Containers	Matrix *(See Codes Above)*	Analysis Requested: PCBs (8082)	See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1 CB-11-6 @ 28'-29'	8/18/15	1:36 pm	1	S	✓			B1508032-001
2 CB-11-7 @ 33'-34'	8/18/15	1:39 pm	1	S	✓			-002
3 CB-11-8 @ 39'-40'	8/18/15	1:42 pm	1	S	✓			-003
4								
5								
6								
7								
8								
9								
10								

Custody Record MUST be signed	Relinquished by (print)	Date/Time	Signature	Received by (print)	Date/Time	Signature
		8/20/15 @ 1450				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Brittaney Lowry	8/20/15 930	

LABORATORY USE ONLY

Sample Disposal	Shipped By	Cooler ID(s)	Custody Seals	Intact	Receipt Temp	Temp Blank	On Ice	Payment Type	Amount	Receipt Number *(cash/check only)*
Client Lab	RTN UPS Ground		Y N C B	Y N	5.8 °C	Y N	Y N	CC Cash Check_____	$	

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