FARALLON consulting

975 5th Avenue Northwest, Issaquah, Washington 98027
Tel: (425) 295-0800 Fax: (425) 295-0850
www.farallonconsulting.com

SUBSURFACE INVESTIGATION REPORT

JOHN MICHAEL LEASE SITE
5640 SUNSET HIGHWAY
CASHMERE, WASHINGTON

michael irrigation
FS well # 3164383

Submitted by:
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, Washington 98027

Farallon PN: 683-018

For:
BNSF Railway Company
2454 Occidental Avenue South, Suite 1A
Seattle, Washington 98134

March 3, 2009

Prepared by:

Daniel Caputo
Project Chemist

Reviewed by:

Amy Essig Desai
Senior Scientist

Peter Jewett, L.G., L.E.G.
Principal Engineering Geologist

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 INTRODUCTION

This Subsurface Investigation Report has been prepared on behalf of BNSF Railway Company (BNSF) to document the results of the subsurface investigation conducted by Farallon Consulting, L.L.C. (Farallon) at the John Michael Lease Property located at 5640 Sunset Highway in Cashmere, Washington (herein referred to as the Site) (Figure 1). The subsurface investigation was completed between September 2007 and July 2008 in accordance with Chapter 173-340 of the Washington Administrative Code (WAC 173-340).

The purpose of the subsurface investigation was to evaluate the nature and extent of hazardous substances detected above the Washington State Model Toxics Control Act (MTCA) Method A Cleanup Regulation for soil and groundwater. The hazardous substances detected in soil and/or groundwater at the Site in a previous investigation included total petroleum hydrocarbons (TPH) as diesel-range organics (DRO), as oil-range organics (ORO), and as gasoline-range organics (GRO); benzene, toluene, ethylbenzene, and xylenes (BTEX); polycyclic aromatic hydrocarbons (PAHs); metals that include, arsenic, barium, cadmium, chromium, lead, selenium, silver, and mercury; and polychlorinated biphenyls (PCBs), collectively referred to herein as the constituents of potential concern (COPCs).

The analytical results of soil and groundwater samples collected at the Site during the subsurface investigation were compared with the MTCA cleanup levels to determine whether concentrations of COPCs in soil and/or groundwater present a risk to human health or the environment and whether a cleanup action is necessary. The results of the subsurface investigation detected concentrations of TPH, benzene, and PAHs in soil and concentrations of TPH and PAHs in groundwater above the MTCA Method A cleanup levels. The other COPCs were not detected above the MTCA Method A cleanup levels in soil or groundwater. Additional investigation is warranted to determine the nature and extent of TPH, benzene, and/or PAHs above the MTCA Method A cleanup levels in soil and groundwater to evaluate technically feasible cleanup alternatives.

1.1 REPORT ORGANIZATION

This report summarizes the existing background information and the analytical results of the subsurface investigation completed by others, and presents the results of the subsurface investigation completed by Farallon. The report is organized into the following sections:

Section 1—Introduction. This section presents the purpose of the subsurface investigation.

Section 2—Background. This section provides a summary of Site features, history, and previous investigation, and includes a description of Site geology and hydrogeology.

Section 3—Subsurface Investigation Field Program. This section describes the field activities and scope of work for the subsurface investigation.

Section 4—Results. This section discusses the results of the subsurface investigation field activities and laboratory analyses.

Section 5—Conceptual Site Model. This section provides a discussion of the Conceptual Site Model developed for the Site.

Section 6—Data Gaps. This section provides a brief discussion of the data gaps identified by Farallon.

Section 7—Conclusions. This section summarizes Farallon's conclusions pertaining to the environmental conditions at the Site based on the results of the subsurface investigation.

Section 8—References. This section presents a list of the documents cited in this report.

2.0 BACKGROUND

This section provides a description of the Site and relevant historical information, a summary of the previous investigation conducted at the Site, and a brief description of the Site geology and hydrogeology.

2.1 SITE DESCRIPTION

The Site includes a portion of the 200-foot wide BNSF Right-of-Way extending from Hagman Road to approximately 700 feet southeast of Hagman Road (Figure 2), a portion of which is leased by John Michael for commercial operations. The exact portion of the Site leased to John Michael is unknown. The Site bisects a 0.25-acre parcel of land owned and operated by John Michael (herein referred to as the Western Portion and Eastern Portion) (Figure 1). The Western Portion is located at the eastern corner of the intersection of Sunset Highway and Hagman Road. The Eastern Portion is located between the Site and the Wenatchee River (Figure 2).

The Western Portion is developed with a commercial business, Michael's Tires. A portion of the Michael's Tires Building, the Michael's Tires parking lot, and storage area extend on to the Site (Figure 2). The storage area is used to store used tires, drilling supplies owned by a local drilling company, and irrigation equipment. The Eastern Portion is undeveloped and bounded by the Wenatchee River to the west and an undeveloped land to the north. The Wenatchee River is east-abutted to the Site and parallel to the BNSF rail line (Figure 2).

The Site is generally level with a rail line transecting the Site that is raised approximately 4 to 6 feet above grade level. Storage materials owned by the tenant and debris were observed along the southern portion of the Site. The remainder of the Site is predominantly vegetated.

2.2 SITE HISTORY

Available information pertaining to the history of the Site is limited. A railroad tanker spill of crude oil that occurred sometime in the 1930s was cited by EMR (2005) and verbally confirmed by local residents during field activities. However, no formal record of this release has been located.

2.3 PREVIOUS INVESTIGATION

A Limited Phase II Assessment was conducted at the Site in response to a report of crude oil discovered in soil during installation of utility poles at the Site by an unidentified power company. At the time of the investigation, the Site was undeveloped and used for the parking and storage of a dismantled vehicle, an engine block, drums containing unknown materials, and other miscellaneous debris. Minor surface staining was observed at the time of the investigation.

Soil samples collected from depths ranging from 3 to 8 feet below ground surface (bgs) were analyzed for GRO, DRO, and BTEX. Groundwater was encountered between 7 and 9 feet bgs. Reconnaissance groundwater samples were collected for analysis for GRO, BTEX, and total extractable hydrocarbons (TEH) as DRO. The analytical results of the soil samples detected

concentrations of GRO and DRO in soil exceeding MTCA Method A cleanup levels for soil. Concentrations of benzene and DRO were detected in the reconnaissance groundwater samples exceeding MTCA Method A cleanup levels for groundwater. Concentrations of kerosene were detected in soil and concentrations of motor oil were detected in soil and groundwater samples collected at the Site. The locations of the soil samples are shown on Figures 3 and 4. The laboratory analytical data are summarized in Tables 1 and 7.

2.4 GEOLOGY AND HYDROGEOLOGY

The geology in the vicinity of the Site consists of quaternary sedimentary deposits and poorly developed soils developed during the Wisconsin age (Galster and Laprade 1991). Highly variable conditions in the subsurface were encountered during the investigations at the Site. Soils at the Site consisted of sand and gravel with some silt, cobbles, and organic material. The conditions encountered were not stratified in discernable zones within the depths investigated. The maximum depth investigated was 18 feet bgs at monitoring well MW-1, installed during the subsurface investigation (Figure 3). Groundwater was encountered at depths between 6 and 14 feet bgs. Groundwater flow direction at the Site is to the northeast at an approximate gradient of 0.01 foot per foot (Figure 5).

3.0 SUBSURFACE INVESTIGATION FIELD PROGRAM

The first phase of the subsurface investigation field sampling included collection of soil samples from 15 test pits for laboratory analysis (Figure 3). The analytical results of the soil samples were reviewed to identify data gaps to select locations for excavation of trenches for the collection of soil samples to address the data gaps. The analytical results of soil samples collected during both phases of the field sampling were reviewed to select locations for the installation of monitoring wells for the collection and analysis of groundwater samples. The third phase included drilling hollow-stem auger borings, collecting soil samples, installing monitoring wells, and collecting groundwater samples from the monitoring wells.

3.1 FIELD PROGRAM

The scope of work for the field investigation included the following:

- Preparing a health and safety plan in accordance with MTCA and Part 1910.120 of Title 29 of the Code of Federal Regulations prior to initiating field activities;
- Performing a utility locate at the proposed boring locations using a private utility location service, and contacting the One-Call Utility Notification Center;
- Excavating 19 test pits (TP1 through TP19) and nine test trenches (T1 through T9) at the Site (Figure 2);
- Submitting select soil samples for laboratory analysis of the COPCs;
- Installing four monitoring wells (MW-1 through MW-4) at the Site (Figure 2);
- Submitting groundwater samples collected from the four monitoring wells (MW-1 through MW-4) for laboratory analysis of the COPCs; and
- Preparing this report.

A detailed description of the field activities is provided in the following subsections.

3.2 FIELD ACTIVITIES

The subsurface investigation was conducted from September 2007 to August 2008, and included collection of soil samples from test pits TP1 through TP18 and from test trenches T1 through T8; and collection of soil and groundwater samples from monitoring wells MW-1 through MW-4 at the Site (Figure 3). Test pits TP16, TP19, and test trench T9 were advanced for field screening purposes only, soil samples were not collected from these locations. Soil samples were not collected from monitoring wells MW-2 and MW-3 because sufficient soil data had been collected to meet the objectives of the subsurface investigation in the vicinity of these monitoring wells.

Prior to the commencement of excavation and drilling, a private utility location survey was conducted by Applied Professional Services of North Bend, Washington to locate utilities. Drilling services for the advancement of monitoring wells MW-1 through MW-4 were provided

by Cascade Drilling of Woodinville, Washington using a hollow-stem auger drill rig. Glacier Environmental Services, Inc. of Mukilteo, Washington provided excavation services for sampling activities of test pits TP1 through TP19 and test trenches T1 through T9.

3.3 FIRST PHASE – TEST PITS

The first phase of the field program included excavating 15 test pits (TP1 through TP15) at locations where concentrations of select COPCs were detected above the MTCA Method A cleanup levels during a previous investigation (EMR 2005). A tire-mounted backhoe was used to excavate the test pits. The test pit locations are depicted on Figure 2.

Soil samples were collected approximately every 2 feet from the surface to a maximum depth of 8 feet bgs. Soil samples were collected using hand tools from 0 to 4 feet bgs and directly from the backhoe bucket from 4 to 8 feet bgs. The soil samples collected were field-screened for volatile organic vapors using a photoionization detector (PID), and the soil conditions were logged in accordance with the Unified Soil Classification System (USCS). Field-screening also included inspection for evidence of petroleum hydrocarbon contamination (e.g., odor, sheen, staining). Upon completion of sampling, the test pits were backfilled with the excavated soil. Logs of the soil conditions encountered during test pit activities are provided in Appendix A.

3.4 SECOND PHASE – ADDITIONAL TEST PITS AND TEST TRENCHES

The second phase of the field program included excavation of four additional test pits (TP16 through TP19) and nine test trenches (T1 through T9). A tire-mounted backhoe was used to excavate the additional test pits and test trenches to further define the nature and extent of concentrations of COPCs above MTCA Method A cleanup levels. The locations of the test pits and trenches were selected based on the analytical results for the soil samples collected from the test pits and soil samples collected during the previous investigation. The additional test pit and trench locations are depicted on Figure 2.

The test pits and trenches were excavated from the ground surface to groundwater, which was approximately 9 feet bgs. Soil samples were collected at each of the furthest laterally extended ends of the excavated trench. Samples were collected vertically approximately every 2 feet using hand tools from 0 to 4 feet bgs and directly from the backhoe bucket from 4 to 8 feet bgs. Sample locations were assigned directional identifiers to distinguish the location samples were collected from a single trench (i.e. T1-NE and T1-SW). The soil samples collected were field-screened for volatile organic vapors using a PID, and the soil conditions were logged in accordance with the USCS. Field-screening included inspection for evidence of petroleum hydrocarbon contamination (e.g., odor, sheen, staining). Upon completion of the sampling, the test pits were backfilled with the excavated soil. The logs of soil conditions encountered during the excavation of test pits T16 through T19 and trenches T1 through T8 are provided in Appendix A.

3.5 THIRD PHASE – MONITORING WELL INSTALLATION

The third phase of the field program included drilling four hollow-stem auger borings and installing monitoring wells in all of the borings (MW-1 through MW-4) (Figure 2). The monitoring well locations were selected based on analytical results of the previous investigation (EMR 2005) and of the soil samples collected from the test pits and trenches. The proposed location of monitoring well MW-1 was initially approximately 80 feet north of test trench T7, north of the BNSF rail line. Due to the uneven and loose nature of the ground surface in this area, monitoring well MW-1 could not be installed at the proposed location. The final location of monitoring well MW-1 was north of the rail line, west of the proposed location. The monitoring well locations are depicted on Figure 2. Monitoring well logs are provided in Appendix A.

The monitoring wells were constructed in accordance with the Minimum Standards for Construction and Maintenance of Wells, as established in WAC 173-160, using 2-inch polyvinyl chloride blank casing with 10 feet of 0.010-inch machine-slotted screen. The well screens were installed to intersect the water-bearing zone, between approximately 5 and 15 feet bgs (Appendix B). Each monitoring well was completed with a traffic-rated, flush mounted monument with a locking cap.

Soil samples were collected during drilling activities every 2.5 feet and field-screened for volatile organic vapors using a PID, and the soil conditions were logged in accordance with the USCS. Field-screening also included inspection for evidence of petroleum hydrocarbon contamination (e.g., odor, sheen, staining). A log of the soil conditions encountered during the monitoring well installation is included in Appendix A.

3.6 LABORATORY ANALYSIS

One to two soil samples collected from each test pit and/or trench were analyzed for DRO and ORO using Northwest Method NWTPH-Dx; GRO using Northwest Method NWTPH-Gx; BTEX using U.S. Environmental Protection Agency (EPA) Method 8021; and cPAHs using EPA Method 8270C-SIM. The soil sample with the highest concentration of TPH, BTEX, and/or cPAHs collected from each test pit or trench was analyzed for PCBs using EPA Method 8081 and for metals using EPA Method 6000/7000 series.

Soil samples collected from borings for installation of monitoring wells MW-1 and MW-4 were submitted for laboratory analysis for DRO and ORO using Northwest Method NWTPH-Dx; GRO using Northwest Method NWTPH-Gx; and BTEX using EPA Method 8021.

Soil samples were selected for analysis based on field evidence of contamination, elevated PID readings recorded, and depth to groundwater, and ranged in depth from 0 to 2 and 6 to 10 feet bgs. Soil samples selected for chemical analysis were placed into laboratory-prepared glass sample containers fitted with Teflon lids, placed on ice in a cooler, and transported to the laboratory under standard chain-of-custody protocols.

3.7 GROUNDWATER MONITORING AND SAMPLING

Groundwater monitoring and sampling was conducted on August 6, 2008 using low-flow purging and sampling techniques. The locking well cap was removed from each monitoring well and the groundwater level was allowed to equilibrate to atmospheric pressure for at least 15 minutes. The depth-to-groundwater at each monitoring well was measured from the northern side on the top of each well casing to the nearest 0.01 foot, using an electronic water-level measuring device. The groundwater level measurements for all of the monitoring wells were taken within a 2-hour period. The depth to the monitoring well bottom also was measured to evaluate siltation of the monitoring wells. All reusable equipment was decontaminated between uses.

Monitoring wells MW-1 through MW-4 were purged using a peristaltic pump and dedicated polyethylene tubing. Before the monitoring wells were purged, the dedicated polyethylene tubing intake was placed at the approximate center of the screened interval in each monitoring well. Groundwater was then purged from each well at flow rates ranging from approximately 200 to 300 milliliters per minute. Field measurements for pH, temperature, specific conductivity, dissolved oxygen, and oxidation-reduction potential were collected during purging of groundwater prior to sampling at each monitoring well, using a YSI Model 600XL water-quality analyzer equipped with a flow-through cell. Groundwater samples were collected after the pH, temperature, and specific conductivity parameters had stabilized. Stabilization for temperature and specific conductivity is determined as a relative percent difference of less than 3 percent, and for pH as a change of ± 0.1 pH unit between readings for three consecutive measurements.

Following stabilization of pH, temperature, and specific conductivity, groundwater samples were collected directly from the pump outlet. Groundwater samples were placed directly into laboratory-supplied sample containers, with care taken to minimize turbulence and prevent handling the seal and/or lid when placing the sample into the container. The containers were completely filled to eliminate headspace and the seal and/or lid was secured. The groundwater sample was placed on ice in a cooler and transported to TestAmerica of Bothell, Washington under standard chain-of-custody protocols. Groundwater samples were submitted for laboratory analysis for:

- DRO and ORO using Northwest Method NWTPH-Dx;
- GRO using Northwest Method NWTPH-Gx;
- BTEX using EPA Method 8021; and
- cPAHs using EPA Method 8270C-SIM.

Purge water was placed into labeled containers on the Site pending receipt of analytical data for use in evaluating waste disposal alternatives for the water generated. An estimated volume of 10 gallons of purge and decontamination water was generated during the sampling event.

4.0 RESULTS

The following sections summarize the results of the subsurface investigation conducted at the Site. The analytical results for the soil samples collected at the Site are presented in Tables 1 through 5. The groundwater analytical results for the Site are presented in Tables 6 through 8. Figure 2 depicts the test pit, trench, and monitoring well locations. Soil logs for the test pits and trenches excavated and the monitoring wells installed are provided in Appendix A. A copy of the laboratory analytical reports for the soil and groundwater samples is provided in Appendix B.

4.1 SOIL

Soil observed at the Site in test pits TP1 through TP18, test trenches T1 through T8, and monitoring wells MW-1 though MW-4 consisted of sand and gravel with some silt, cobbles, and organic material to the maximum depth explored. A petroleum-like odor, soil staining, and/or PID readings were noted in test pits TP1 through TP12; in trenches T1, T2, T3, T4, T6, and T7; and in soil borings MW-1 through MW-4. Depths at which odor, soil staining, and/or PID readings were noted were variable, but ranged between 2 and 18 feet bgs.

4.1.1 Soil Results Summary

The analytical results of the subsurface investigation conducted on the Site detected concentrations of TPH, benzene, cPAHs, and naphthalene above the MTCA Method A cleanup levels in soil on the southwest portion of the BNSF Right-of-Way. Figures 3 and 4 show the approximate area where concentrations of TPH, benzene, cPAHs, and naphthalene exceed the MTCA Method A cleanup levels. Concentrations of TPH were detected above the MTCA Method A cleanup level on the northeast side of the BNSF Right-of-Way in monitoring well boring MW-1 at 10 feet bgs. Concentrations of cPAHs were detected between 4 and 6 feet bgs at test pits TP14 and TP15 exceeding the MTCA Method A cleanup level. A detailed discussion of the analytical results is provided in the following sections.

4.1.2 Test Pits

Soil samples collected from test pits were analyzed for TPH, BTEX, and PAHs. The analysis did not include PCBs or metals. A summary of the analytical results collected from test pits TP1 through TP18 (test pits TP16 and TP19 were not sampled) is provided below and in Tables 1 through 3:

- TPH and BTEX: Concentrations of DRO were detected in soil samples collected at locations TP1 and TP2. Concentrations of ORO were detected in samples collected from locations TP1, TP2, TP9, and TP11. Concentrations of benzene were detected in samples collected at test pits TP10 and TP12. The concentrations of DRO, ORO, and/or benzene that exceeded the MTCA Method A cleanup levels were detected in soil samples collected between 4 and 8 feet bgs;
- cPAHs: The total toxicity equivalence (TEQ) concentration for cPAHs was calculated using the appropriate Toxicity Equivalency Factors (TEFs) for the suite of cPAHs presented in WAC 173-340-708(e) and compared to the MTCA Method A cleanup level

for soil. Concentrations of cPAHs exceeding the MTCA Method A Total cPAH TEQ cleanup level were detected at locations TP8, TP14, TP15, and TP18 in soil samples collected at depths between 4 and 8 feet bgs; and

- PAHs: Concentrations of other PAHs were not detected exceeding the applicable MTCA cleanup levels for soil samples collected from test pits.

4.1.3 Test Trenches

A summary of the analytical results collected from test trenches T1 through T8 (test trench T9 was not sampled) is provided below and in Tables 1 through 4:

- TPH and BTEX: Concentrations of DRO exceeding MTCA Method A cleanup levels were detected in soil samples collected at test trench locations T4-S, T4-N, T6-S, T6-N, T7-S, and T7-N. Concentrations of ORO were detected above the MTCA Method A cleanup level in samples collected from test trench locations T2-SW, T2-NE, T4-S, T4-N, T6-S, T6-N, T7-S, and T7-N. Concentrations of GRO were detected above the MTCA Method A cleanup level in samples collected from test trench locations T4-S, T4-N, T6-S, T6-N, T7-S, and T7-N. The concentrations of DRO, ORO, and GRO that exceeded the MTCA Method A cleanup levels were detected in soil samples collected between 8 and 10 feet bgs. BTEX was not detected at concentrations exceeding the applicable MTCA cleanup levels in any of the test trenches;
- cPAHs: The TEQ concentration for cPAHs was calculated using the appropriate TEFs for the suite of cPAHs presented in WAC 173-340-708(e) and compared to the MTCA Method A cleanup level for soil. Concentrations of cPAHs exceeding the MTCA Method A Total cPAH TEQ cleanup level were detected at locations T2-SW, T2-NE, T3-SW, T3-NE, T4-S, T4-N, T6-S, T6-N, T7-S, and T7-N between 8 and 10 feet bgs deep;
- PAHs: Concentrations of naphthalene were detected at test trench locations T6-S, T6-N, T7-S, and T7-N above the MTCA Method B cleanup level for soil at depths between 8 and 10 feet bgs;
- Metals: Concentrations of arsenic, barium, cadmium, chromium, lead, mercury, selenium, or silver were not detected exceeding the MTCA Method A or B cleanup levels or the laboratory PQL in soil samples collected from test trenches; and
- PCBs: Concentrations of PCBs were not detected exceeding the MTCA Method A cleanup levels or the laboratory PQLs in soil samples collected from test trenches. Due to a laboratory error, samples T1-050608-8-SW, T2-050608-8-NW, and T5-050608-8-SW were extracted after the laboratory-allowed extraction holding time had elapsed; however, the samples were analyzed within the analysis holding time.

4.1.4 Monitoring Well Borings

Soil samples collected from the borings for the monitoring wells were analyzed for TPH and BTEX. The analyses did not include PCBs, PAHs, or metals. A summary of the analytical results of the soil samples collected from monitoring well borings MW-1 and MW-4 is provided below and in Table 1:

- TPH and BTEX: Concentrations of DRO, ORO, and GRO exceeding MTCA Method A cleanup levels for soil were detected in samples collected from 10 feet bgs at location MW-1.

4.2 GROUNDWATER

Groundwater was encountered during the excavation and drilling activities at depths between 6 and 14 feet bgs. A summary of the analytical results of the groundwater samples collected from the monitoring wells is provided below and in Tables 6 through 8. Based on the groundwater level measurements collected from the four monitoring wells on August 6, 2008, groundwater flow at the Site is toward the northeast, toward the Wenatchee River, at an average hydraulic gradient of approximately 0.01 foot per foot. The groundwater flow direction and hydraulic gradient are depicted on Figure 5.

- TPH and BTEX: Concentrations of DRO in the groundwater sample collected from monitoring well MW-1 exceeded the MTCA Method A cleanup level (Table 7). Concentrations of ORO, GRO, and BTEX were not detected above the MTCA Method A cleanup levels in the groundwater sample collected from MW-1. Concentrations of GRO, DRO, ORO, or BTEX were not detected above laboratory PQL and/or the MTCA cleanup levels in groundwater samples collected from MW-2 through MW-4;
- cPAHs: TEQ concentration was calculated using the appropriate TEFs for the suite of cPAHs presented in WAC 173-340-708(e) and compared to the MTCA Method A cleanup level for groundwater. Concentrations of cPAHs exceeding the MTCA Method A Total cPAH TEQ cleanup level were detected in the groundwater sample collected from monitoring well MW-1 but not in any of the other monitoring wells; and
- PAHs: Concentrations of PAHs were not detected exceeding the applicable MTCA cleanup levels for groundwater samples collected from monitoring wells.

5.0 CONCEPTUAL SITE MODEL

The conceptual site model has been developed based on the existing data to identify potential or suspected sources of hazardous substances, types and concentrations of hazardous substances, potentially contaminated media, and actual and potential exposure pathways and scenarios, as defined in WAC 173-340-200. The conceptual site model is the basis for identifying data gaps and developing technically feasible cleanup alternatives for the Site. The conceptual site model is dynamic, and may be refined as additional information becomes available.

5.1 CONSITITUENTS OF CONCERN

Based on previous investigations, the proximity of the rail line, and the historical usage of the rail line the following COPCs were identified prior to the subsurface investigation:

- DRO, ORO, and GRO;
- BTEX;
- PAHs;
- PCBs;
- Arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver.

The constituents of concern (COCs) that will be considered in the evaluation for additional investigation and/or cleanup activities are those identified exceeding the MTCA cleanup levels for soil and groundwater.

5.1.1 Soil

The COCs that were detected in soil at the Site exceeding the MTCA cleanup levels include:

- DRO, ORO, and GRO;
- Benzene;
- cPAHs; and
- Naphthalene.

+ PCBs

5.1.2 Groundwater

The COCs that were detected in groundwater at the Site exceeding the MTCA cleanup levels include:

- DRO and ORO; and
- Benzene; and
- cPAHs. → all

5.2 SUSPECTED SOURCES OF CONSTITUENTS OF CONCERN

The concentrations of DRO, ORO, and GRO and associated petroleum compounds identified in soil and groundwater at the Site may be attributable to a release associated with the BNSF rail line. There is no definitive evidence a release occurred from rail line operations; however, a release of heavy oil from a railroad tanker some time in the 1930s has been reported during previous investigations. Local residents verbally confirmed the occurrence of a railroad tanker release during field activities. No documentation regarding this release has been located. The exact source of the release has not been determined. Further, it is unknown whether current or historical operations conducted on the John Michael property could have resulted in a release of COCs to the subsurface and may be a source of COCs on the Site.

5.3 NATURE AND EXTENT OF CONSITITUENTS OF CONCERN

The nature and extent of the COCs at the Site are based on the field activities conducted at the Site by Farallon. The following subsections summarize the physical conditions at the Site and the known distribution of concentrations of COC in soil and groundwater.

5.3.1 Physical Conditions

The Site is relatively flat and the rail line, which transects the Site from the northwest to the southeast, is raised approximately 4 to 6 feet above the grade level. The area southwest of the rail line is leased by John Michael. The Michael's Tires Building, parking lot, and storage area are partially located on this portion of the Site. The remainder of the Site is vegetated, with scattered storage materials and debris observed in some areas. The area northeast of the rail line is vegetated and bordered by the Wenatchee River.

The subsurface investigation encountered sand and gravel with silt, cobbles, and organic material in some areas. Groundwater was encountered at a depth of approximately 8 feet bgs on the southwestern portion of the Site, and at a depth of approximately 14 feet bgs on the northeastern portion of the Site. Groundwater flow direction at the Site is to the northeast, in the direction of the Wenatchee River, at an approximate gradient of 0.01 foot per foot.

5.3.2 Soil

The concentrations of TPH, benzene, cPAHs, and naphthalene in soil exceeding the MTCA Method A cleanup levels are located southwest of the rail line. Figure 3 shows the approximate area where concentrations of COCs exceed the MTCA Method A cleanup level. The vertical distribution of concentrations of COCs exceeding the MTCA Method A cleanup levels in soil extends from a depth of approximately 4 to 10 feet bgs and covers an area of approximately 250 by 45 feet.

Concentrations of cPAHs were detected above the TEQ MTCA cleanup level between 4 and 6 feet bgs at test pits TP14 and TP15. The extent of contamination southwest of the rail line is approximate. Additional data are not needed in this area of the Site to evaluate technically feasible cleanup alternatives for the Site. Concentrations of TPH were detected above the MTCA Method A cleanup level northeast of the BNSF Right-of-Way in monitoring well boring

MW-1 at 10 feet bgs. The distribution of TPH in the vicinity of monitoring well boring MW-1 has not been defined.

5.3.3 Groundwater

The nature and extent of concentrations of DRO, ORO, benzene, and cPAHs that exceed the MTCA Method A cleanup levels in groundwater are limited to the area northwest of the rail line (Figure 5). The down-gradient extent of COCs in groundwater has not been defined in this area. Additional investigation is warranted in the area of MW-1 to delineate the nature and extent of TPH in soil and/or groundwater.

6.0 DATA GAPS

Based on the results of the subsurface investigations completed to date, Farallon has identified the following data gaps:

- The extent of COCs in groundwater to the northwest has not been determined;
- The extent of COCs in soil in the vicinity of monitoring well MW-1 has not been determined;

The data gaps have been incorporated in the Conceptual Site Model as information required to accomplish the goals of the subsurface investigation and enable the evaluation and selection of a technically feasible cleanup alternative.

7.0 REFERENCES

EMR, Inc. (EMR). 2005. Letter Report Regarding Phase II Assessment Report – Leased Property No.: 40,250,477, John Michael, Cashmere, Chelan County, Washington. From Andrea Schiller, Staff Geologist and Jeremy Raye, Environmental Manager. To BNSF Railway Company. January 12.

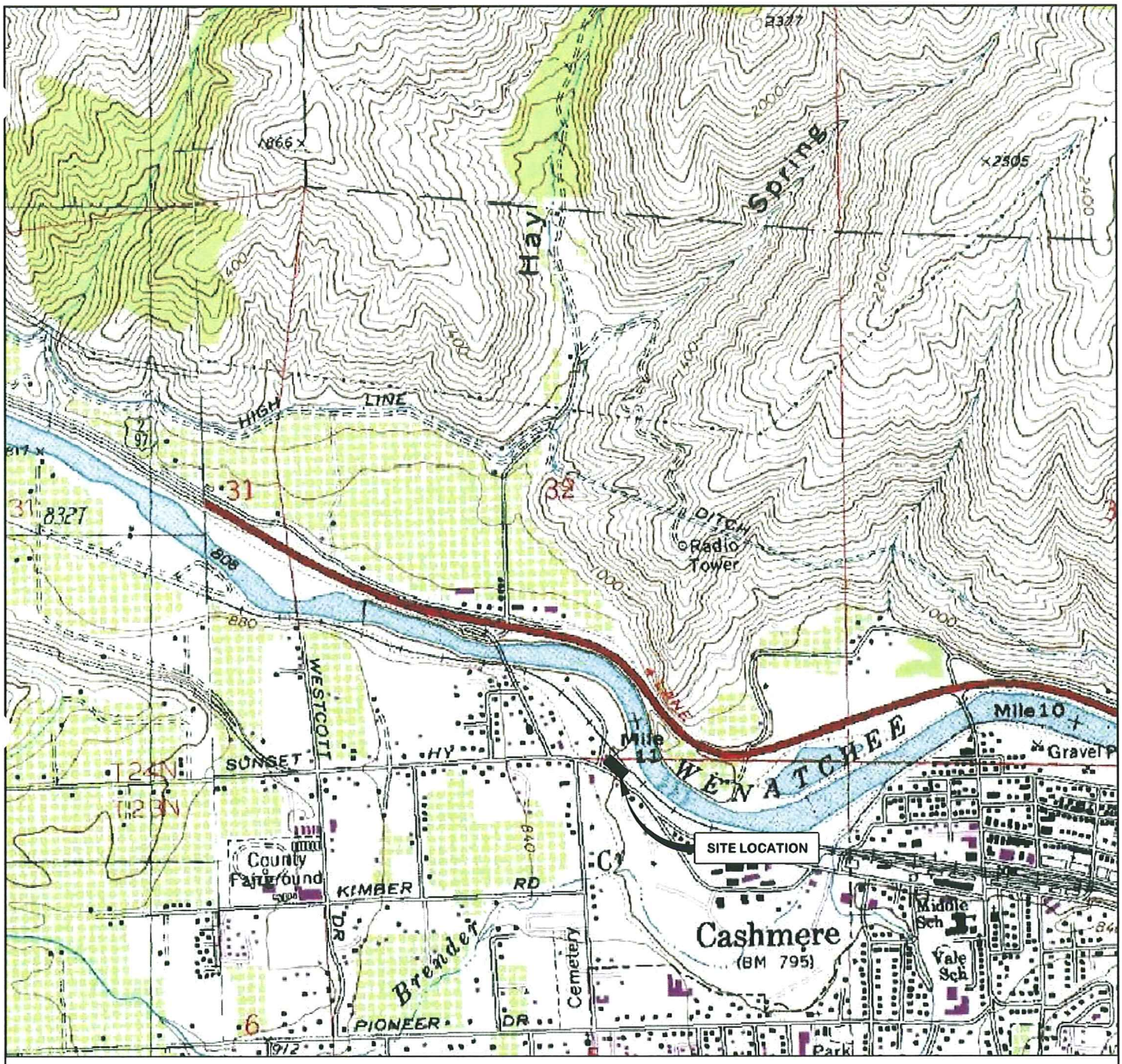
Galster, Richard W., and William T. Laprade. 1991. "Geology of Seattle, Washington, United States of America." *Bulletin of the Association of Engineering Geologists*. 28 (no. 3).

U.S. Geological Survey. 1987. *U.S. Geological Survey Topographic Map, Renton, Washington, 7.5-Minute Quadrangle.*

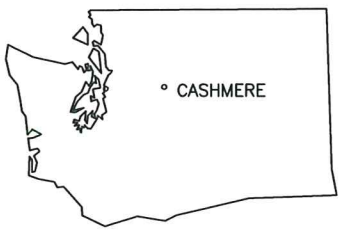
FIGURES

SUBSURFACE INVESTIGATION REPORT
John Michael Lease Site
5640 Sunset Highway
Cashmere, Washington

Farallon PN: 683-018



REFERENCE: 7.5 MINUTE USGS QUADRANGLE CASHMERE, WASHINGTON. DATED 1987



WASHINGTON

N

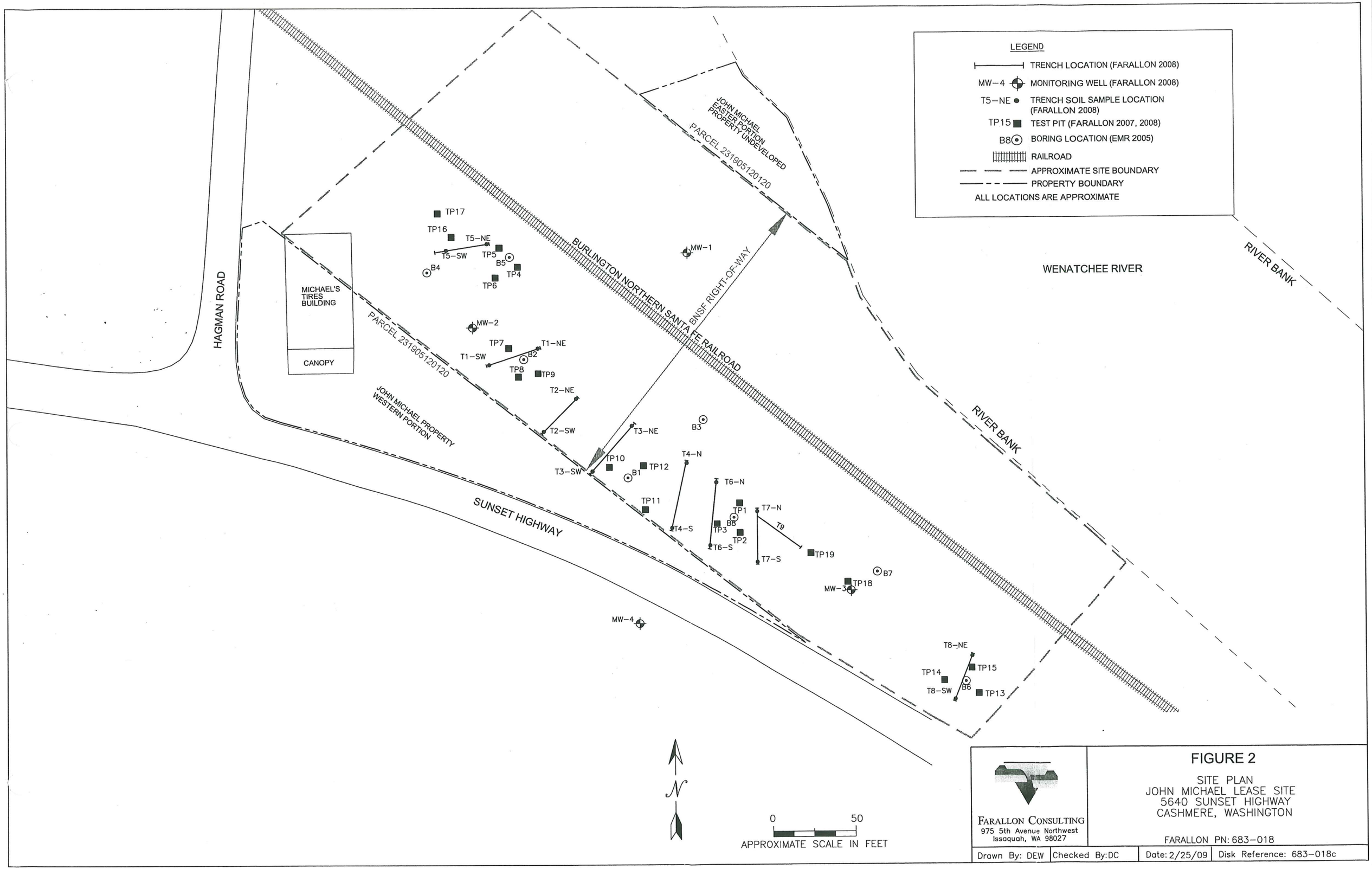
FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FIGURE 1

SITE VICINITY MAP
JOHN MICHAEL LEASE SITE
5640 SUNSET HIGHWAY
CASHMERE, WASHINGTON

FARALLON PN: 683-018

Drawn By: DEW	Checked By: DC	Date: 2/17/09	Disk Reference: 683018c



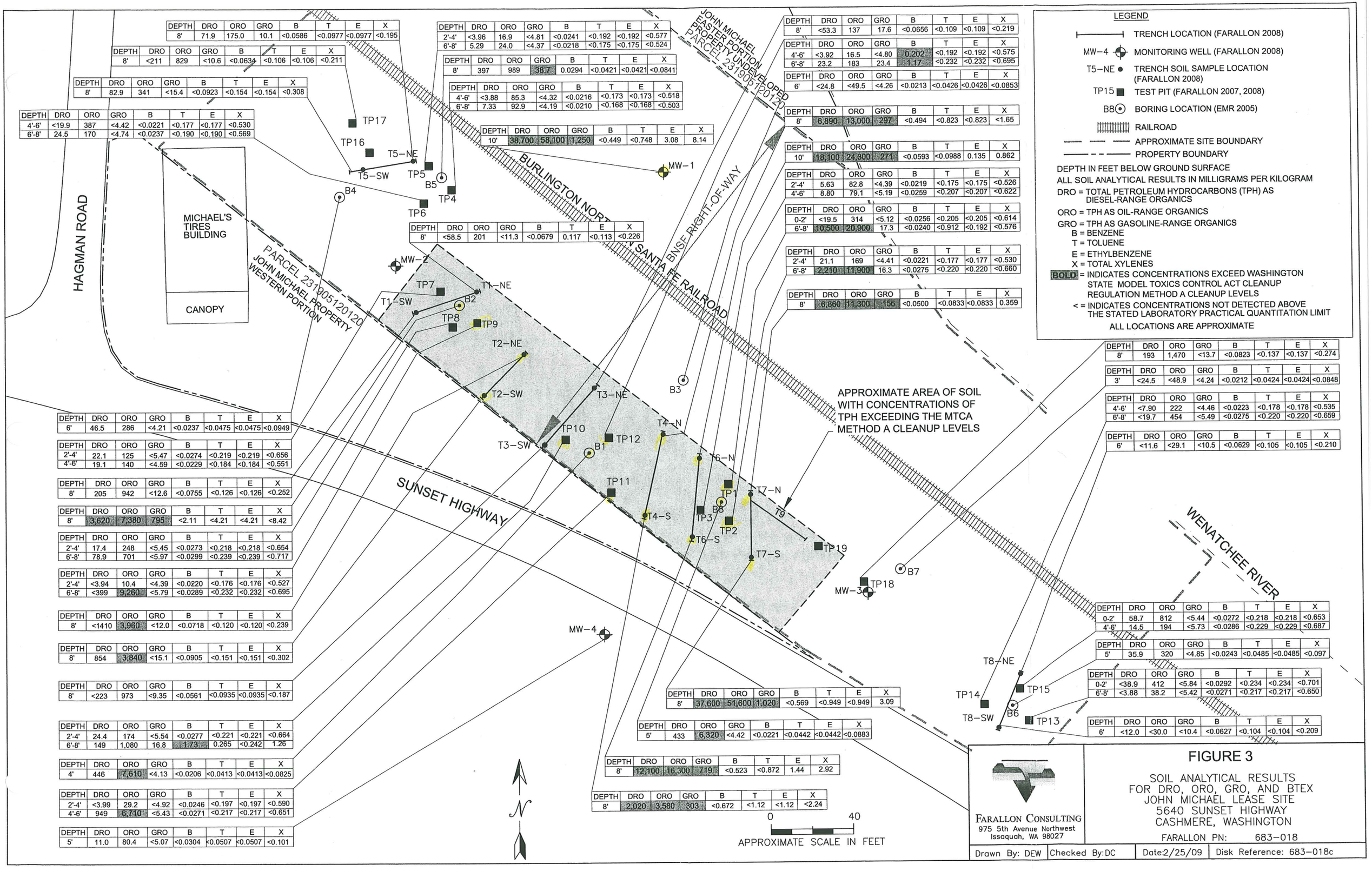
FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FIGURE 2

SITE PLAN
JOHN MICHAEL LEASE SITE
5640 SUNSET HIGHWAY
CASHMERE, WASHINGTON

FARALLON PN: 683–018

Drawn By: DEW	Checked By:DC	Date: 2/25/09	Disk Reference: 683–018c



DEPTH	DRO	ORO	GRO	B	T	E	X
8'	71.9	175.0	10.1	<0.0586	<0.0977	<0.0977	<0.195

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	<211	829	<10.6	<0.0634	<0.106	<0.106	<0.211

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	82.9	341	<15.4	<0.0923	<0.154	<0.154	<0.308

DEPTH	DRO	ORO	GRO	B	T	E	X
4'-6'	<19.9	387	<4.42	<0.0221	<0.177	<0.177	<0.530
6'-8'	24.5	170	<4.74	<0.0237	<0.190	<0.190	<0.569

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	<3.96	16.9	<4.81	<0.0241	<0.192	<0.192	<0.577
6'-8'	5.29	24.0	<4.37	<0.0218	<0.175	<0.175	<0.524

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	397	989	38.7	0.0294	<0.0421	<0.0421	<0.0841

DEPTH	DRO	ORO	GRO	B	T	E	X
4'-6'	<3.88	85.3	<4.32	<0.0216	<0.173	<0.173	<0.518
6'-8'	7.33	92.9	<4.19	<0.0210	<0.168	<0.168	<0.503

DEPTH	DRO	ORO	GRO	B	T	E	X
10'	38,700	58,100	1,250	<0.449	<0.748	3.08	8.14

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	<58.5	201	<11.3	<0.0679	0.117	<0.113	<0.226

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	<53.3	137	17.6	<0.0656	<0.109	<0.109	<0.219

DEPTH	DRO	ORO	GRO	B	T	E	X
4'-6'	<3.92	16.5	<4.80	0.202	<0.192	<0.192	<0.575
6'-8'	23.2	183	23.4	1.17	<0.232	<0.232	<0.695

DEPTH	DRO	ORO	GRO	B	T	E	X
6'	<24.8	<49.5	<4.26	<0.0213	<0.0426	<0.0426	<0.0853

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	6,890	13,000	297	<0.494	<0.823	<0.823	<1.65

DEPTH	DRO	ORO	GRO	B	T	E	X
10'	18,100	24,900	271	<0.0593	<0.0988	0.135	0.862

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	5.63	82.8	<4.39	<0.0219	<0.175	<0.175	<0.526
4'-6'	8.80	79.1	<5.19	<0.0259	<0.207	<0.207	<0.622

DEPTH	DRO	ORO	GRO	B	T	E	X
0-2'	<19.5	314	<5.12	<0.0256	<0.205	<0.205	<0.614
6'-8'	10,500	20,900	17.3	<0.0240	<0.912	<0.192	<0.576

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	21.1	169	<4.41	<0.0221	<0.177	<0.177	<0.530
6'-8'	2,210	11,900	16.3	<0.0275	<0.220	<0.220	<0.660

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	6,860	11,300	156	<0.0500	<0.0833	<0.0833	0.359

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	193	1,470	<13.7	<0.0823	<0.137	<0.137	<0.274

DEPTH	DRO	ORO	GRO	B	T	E	X
3'	<24.5	<48.9	<4.24	<0.0212	<0.0424	<0.0424	<0.0848

DEPTH	DRO	ORO	GRO	B	T	E	X
4'-6'	<7.90	222	<4.46	<0.0223	<0.178	<0.178	<0.535
6'-8'	<19.7	454	<5.49	<0.0275	<0.220	<0.220	<0.659

DEPTH	DRO	ORO	GRO	B	T	E	X
6'	<11.6	<29.1	<10.5	<0.0629	<0.105	<0.105	<0.210

DEPTH	DRO	ORO	GRO	B	T	E	X
6'	46.5	286	<4.21	<0.0237	<0.0475	<0.0475	<0.0949

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	22.1	125	<5.47	<0.0274	<0.219	<0.219	<0.656
4'-6'	19.1	140	<4.59	<0.0229	<0.184	<0.184	<0.551

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	205	942	<12.6	<0.0755	<0.126	<0.126	<0.252

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	3,620	7,380	795	<2.11	<4.21	<4.21	<8.42

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	17.4	248	<5.45	<0.0273	<0.218	<0.218	<0.654
6'-8'	78.9	701	<5.97	<0.0299	<0.239	<0.239	<0.717

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	<3.94	10.4	<4.39	<0.0220	<0.176	<0.176	<0.527
6'-8'	<399	9,260	<5.79	<0.0289	<0.232	<0.232	<0.695

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	<1410	3,960	<12.0	<0.0718	<0.120	<0.120	<0.239

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	854	3,840	<15.1	<0.0905	<0.151	<0.151	<0.302

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	<223	973	<9.35	<0.0561	<0.0935	<0.0935	<0.187

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	24.4	174	<5.54	<0.0277	<0.221	<0.221	<0.664
6'-8'	149	1,080	16.8	1.73	0.265	<0.242	1.26

DEPTH	DRO	ORO	GRO	B	T	E	X
4'	446	7,610	<4.13	<0.0206	<0.0413	<0.0413	<0.0825

DEPTH	DRO	ORO	GRO	B	T	E	X
2'-4'	<3.99	29.2	<4.92	<0.0246	<0.197	<0.197	<0.590
4'-6'	949	6,710	<5.43	<0.0271	<0.217	<0.217	<0.651

DEPTH	DRO	ORO	GRO	B	T	E	X
5'	11.0	80.4	<5.07	<0.0304	<0.0507	<0.0507	<0.101

DEPTH	DRO	ORO	GRO	B	T	E	X
0-2'	58.7	812	<5.44	<0.0272	<0.218	<0.218	<0.653
4'-6'	14.5	194	<5.73	<0.0286	<0.229	<0.229	<0.687

DEPTH	DRO	ORO	GRO	B	T	E	X
5'	35.9	320	<4.85	<0.0243	<0.0485	<0.0485	<0.097

DEPTH	DRO	ORO	GRO	B	T	E	X
0-2'	<38.9	412	<5.84	<0.0292	<0.234	<0.234	<0.701
6'-8'	<3.88	38.2	<5.42	<0.0271	<0.217	<0.217	<0.650

DEPTH	DRO	ORO	GRO	B	T	E	X
6'	<12.0	<30.0	<10.4	<0.0627	<0.104	<0.104	<0.209

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	37,600	51,600	1,020	<0.569	<0.949	<0.949	3.09

DEPTH	DRO	ORO	GRO	B	T	E	X
5'	433	6,320	<4.42	<0.0221	<0.0442	<0.0442	<0.0883

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	12,100	16,300	719	<0.523	<0.872	1.44	2.92

DEPTH	DRO	ORO	GRO	B	T	E	X
8'	2,020	3,580	303	<0.672	<1.12	<1.12	<2.24

LEGEND

- TRENCH LOCATION (FARALLON 2008)
- MW–4 MONITORING WELL (FARALLON 2008)
- T5–NE TRENCH SOIL SAMPLE LOCATION (FARALLON 2008)
- TP15 TEST PIT (FARALLON 2007, 2008)
- B8 BORING LOCATION (EMR 2005)
- RAILROAD
- APPROXIMATE SITE BOUNDARY
- PROPERTY BOUNDARY

DEPTH IN FEET BELOW GROUND SURFACE

ALL SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS

ORO = TPH AS OIL-RANGE ORGANICS

GRO = TPH AS GASOLINE-RANGE ORGANICS

B = BENZENE

T = TOLUENE

E = ETHYLBENZENE

X = TOTAL XYLENES

BOLD = INDICATES CONCENTRATIONS EXCEED WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

ALL LOCATIONS ARE APPROXIMATE

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FIGURE 3

SOIL ANALYTICAL RESULTS
FOR DRO, ORO, GRO, AND BTEX
JOHN MICHAEL LEASE SITE
5640 SUNSET HIGHWAY
CASHMERE, WASHINGTON

FARALLON PN: 683–018

Drawn By: DEW	Checked By: DC	Date: 2/25/09	Disk Reference: 683–018c

HAGMAN ROAD

MICHAEL'S TIRES BUILDING

CANOPY

PARCEL 231905120120 JOHN MICHAEL PROPERTY WESTERN PORTION

JOHN MICHAEL EASTER PORTION PROPERTY UNDEVELOPED PARCEL 231905120120

BNSF RIGHT-OF-WAY

LINGTON NORTHERN SANTA FE RAILROAD

SUNSET HIGHWAY

WENATCHEE RIVER

TP17 TP16 T5-NE T5-SW TP5 B5 B4 TP4 TP6

MW-1 MW-2 MW-3 MW-4

TP7 T1-NE T1-SW B2 TP8 TP9 T2-NE T2-SW T3-NE T3-SW TP10 B1 TP12 T4-N T4-S TP11 T6-N T6-S TP1 B8 TP3 TP2 T7-N T7-S T9 TP19 B3 B7 TP18

T8-NE T8-SW TP14 TP15 B6 TP13

APPROXIMATE AREA OF SOIL WITH CONCENTRATIONS OF TPH EXCEEDING THE MTCA METHOD A CLEANUP LEVELS

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	<0.0089	<0.0118

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	<0.0024	<0.00320
6'-8'	<0.0025	<0.00332

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
4'-6'	0.0029	<0.00316
6'-8'	0.0027	<0.00327

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	0.0027	<0.00333
4'-6'	0.0024	<0.0323

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	<0.0808	<0.107

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.0109	0.04820

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
4'-6'	0.0028	<0.00328
6'-8'	0.0025	<0.00323

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	<0.0089	<0.0117

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.4039	<0.530

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
4'-6'	0.0025	<0.00325
6'-8'	0.0122	<0.00328

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	1.2264	<1.59

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
10'	1.4667	87.3

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	0.0032	<0.00326
4'-6'	<0.0025	<0.00327

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
0-2'	0.0026	<0.00330
6'-8'	<6.2541	<8.28

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	0.0436	<0.0156
6'-8'	<6.2061	<8.22

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	1.1704	6.98

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.1004	<0.133

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	3.5970	189.8

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
6'	0.0289	<0.0118

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
0-2'	<0.1223	<0.162
4'-6'	0.2294	----

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
6'-8'	<0.0025	<0.0329

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
6'	<0.0091	<0.0120

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.0339	0.0153

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	0.0103	0.01199
6'-8'	0.1939	0.0944

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	<0.0025	<0.00332
6'-8'	<12.5330	<16.6

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.2129	<0.282

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.4984	<0.327

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	<0.0823	<0.109

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	<0.0249	<0.0330
6'-8'	<0.0124	0.0000

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
2'-4'	0.0034	<0.00331
4'-6'	<0.1231	<0.163

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	0.5036	<0.600

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
8'	1.3165	33.10

DEPTH	TOTAL cPAH TEQ	NAPHTHALENE
4'-6'	0.2242	<0.0163
6'-8'	<0.1238	<0.164

LEGEND

- TRENCH LOCATION (FARALLON 2008)
- MW-4 MONITORING WELL (FARALLON 2008)
- T5-NE TRENCH SOIL SAMPLE LOCATION (FARALLON 2008)
- TP15 TEST PIT (FARALLON 2007, 2008)
- B8 BORING LOCATION (EMR 2005)
- RAILROAD
- APPROXIMATE SITE BOUNDARY
- PROPERTY BOUNDARY

DEPTH IN FEET BELOW GROUND SURFACE

ALL SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

CPAH = CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS

TEQ = TOTAL TOXIC EQUIVALENCE

BOLD = INDICATES CONCENTRATIONS EXCEED WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

-- = NOT CALCULATED DUE TO ELEVATED DETECTION LIMITS.

NOTES:

1.TOTAL CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS DERIVED USING THE TOTAL TOXICITY EQUIVALENCY METHOD IN SECTION 708(8) OF CHAPTER 173-340 OF THE WASHINGTON ADMINISTRATIVE CODE (WAC).

2. FOR CONCENTRATIONS REPORTED AT LESS THAN THE LABORATORY PQL, HALF THE PQL WAS USE TO CALCULATE THE TEQ.

ALL LOCATIONS ARE APPROXIMATE

N

0 40

APPROXIMATE SCALE IN FEET

FIGURE 4

SOIL ANALYTICAL RESULTS FOR TOTAL cPAH TEQ
JOHN MICHAEL LEASE SITE
5640 SUNSET HIGHWAY
CASHMERE, WASHINGTON

FARALLON PN: 683-018

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Drawn By: DEW | Checked By: DC | Date2/25/09 | Disk Reference: 683-018c

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
1,290	2,160	<100	26.1	<1.0	<1.0	<2.0	NA

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
1,110	<472	145	1.09	0.700	0.893	2.84	0.3032

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
<236	<472	<50	<0.500	<0.500	<0.500	<1.00	0.0712

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
<525	<505	<100	<0.5	<1.0	<1.0	<2.0	NA

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
<236	<472	<50	<0.500	<0.500	<0.500	<1.00	0.0712

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
<236	499	<50	<0.500	<0.500	<0.500	<1.00	0.0712

DRO	ORO	GRO	B	T	E	X	TOTAL cPAH TEQ
<254	<507	<100	<0.5	<1.0	<1.0	<2.0	NA

HAGMAN ROAD

MICHAEL'S TIRES BUILDING

CANOPY

PARCEL 231905120120
JOHN MICHAEL PROPERTY
WESTERN PORTION

JOHN MICHAEL EASTER PORTION PROPERTY UNDEVELOPED PARCEL 231905120120

BURLINGTON NORTHERN SANTA FE RAILROAD

BNSF RIGHT-OF-WAY

SUNSET HIGHWAY

WENATCHEE RIVER

B1 B2 B3 B4 B5 B6 B7 B8

MW-1 (488.00)
MW-2 (490.14)
MW-3 (488.26)
MW-4 (489.46)

488 489 490

LEGEND

- TRENCH LOCATION (FARALLON 2008)
- MW-4 MONITORING WELL (FARALLON 2008)
- B8 BORING LOCATION (EMR 2005)
- RAILROAD
- APPROXIMATE SITE BOUNDARY
- PROPERTY BOUNDARY
- (489.46) GROUNDWATER ELEVATION
- 488 GROUNDWATER ELEVATION CONTOUR
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

DEPTH IN FEET BELOW GROUND SURFACE

ALL GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER

DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS

ORO = TPH AS OIL-RANGE ORGANICS

GRO = TPH AS GASOLINE-RANGE ORGANICS

B = BENZENE

T = TOLUENE

E = ETHYLBENZENE

X = TOTAL XYLENES

CPAH = CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS

TEQ = TOTAL TOXIC EQUIVALENCE

BOLD = INDICATES CONCENTRATIONS EXCEED WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

NA = NOT ANALYZED

-- = NOT CALCULATED DUE TO ELEVATED DETECTION LIMITS.

- = DEPTH NOT PROVIDED

NOTES:

1.TOTAL CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS DERIVED USING THE TOTAL TOXICITY EQUIVALENCY METHOD IN SECTION 708(8) OF CHAPTER 173-340 OF THE WASHINGTON ADMINISTRATIVE CODE (WAC).

2. FOR CONCENTRATIONS REPORTED AT LESS THAN THE LABORATORY PQL, HALF THE PQL WAS USE TO CALCULATE THE TEQ.

ALL LOCATIONS ARE APPROXIMATE

N

0 40

APPROXIMATE SCALE IN FEET

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FIGURE 5

SITE PLAN SHOWING
GROUNDWATER ANALYTICAL RESULTS AND
GROUNDWATER CONTOUR MAP (AUGUST 2008)
JOHN MICHAEL LEASE SITE
5640 SUNSET HIGHWAY, CASHMERE, WA

FARALLON PN: 683-018

Drawn By: DEW	Checked By: DC	Date:2/25/09	Disk Reference: 683-018c

TABLES

SUBSURFACE INVESTIGATION REPORT
John Michael Lease Site
5640 Sunset Highway
Cashmere, Washington

Farallon PN: 683-018

Table 1
Summary of Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-108

Test Pit/Trench/Well Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)						
					DRO[2]	ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethyl-benzene[4]	Xylenes[4]
Reconnaissance Borings											
B-1	B-1-4	EMR	12/01/04	4	446	**7,610**	<4.13	<0.0206	<0.0413	<0.0413	<0.0825
B-2	B-2-8	EMR	12/01/04	8	**3,620**	**7,380**	**795**	<2.11	<4.21	<4.21	<8.42
B-3	B-3-6	EMR	12/01/04	6	<24.8	<49.5	<4.26	<0.0213	<0.0426	<0.0426	<0.0853
B-4	B-4-6	EMR	12/01/04	6	46.5	286	<4.21	<0.0237	<0.0475	<0.0475	<0.0949
B-5	B-5-8	EMR	12/01/04	8	397	989	**38.7**	0.0294	<0.0421	<0.0421	<0.0841
B-6	B-6-5	EMR	12/01/04	5	35.9	320	<4.85	<0.0243	<0.0485	<0.0485	<0.097
B-7	B-7-3	EMR	12/01/04	3	<24.5	<48.9	<4.24	<0.0212	<0.0424	<0.0424	<0.0848
B-8	B-8-5	EMR	12/01/04	5	433	**6,320**	<4.42	<0.0221	<0.0442	<0.0442	<0.0883
Test Pits											
TP1	TP1-092007-0-2	Farallon	09/20/07	0-2	<19.5	314	<5.12	<0.0256	<0.205	<0.205	<0.614
TP1	TP1-092007-6-8	Farallon	09/20/07	6-8	**10,500**	**20,900**	17.3	<0.0240	<0.912	<0.192	<0.576
TP2	TP2-092007-2-4	Farallon	09/20/07	2-4	21.1	169	<4.41	<0.0221	<0.177	<0.177	<0.530
TP2	TP2-092007-6-8	Farallon	09/20/07	6-8	**2,210**	**11,900**	16.3	<0.0275	<0.220	<0.220	<0.660
TP3	TP3-092007-2-4	Farallon	09/20/07	2-4	5.63	82.8	<4.39	<0.0219	<0.175	<0.175	<0.526
TP3	TP3-092007-4-6	Farallon	09/20/07	4-6	8.80	79.1	<5.19	<0.0259	<0.207	<0.207	<0.622
TP4	TP4-092007-4-6	Farallon	09/20/07	4-6	<3.88	85.3	<4.32	<0.0216	<0.173	<0.173	<0.518
TP4	TP4-092007-6-8	Farallon	09/20/07	6-8	7.33	92.9	<4.19	<0.0210	<0.168	<0.168	<0.503
TP5	TP5-092007-2-4	Farallon	09/20/07	2-4	<3.96	16.9	<4.81	<0.0241	<0.192	<0.192	<0.577
TP5	TP5-092007-6-8	Farallon	09/20/07	6-8	5.29	24.0	<4.37	<0.0218	<0.175	<0.175	<0.524
TP6	TP6-092007-4-6	Farallon	09/20/07	4-6	<19.9	387	<4.42	<0.0221	<0.177	<0.177	<0.530
TP6	TP6-092007-6-8	Farallon	09/20/07	6-8	24.5	170	<4.74	<0.0237	<0.190	<0.190	<0.569
TP7	TP7-092007-2-4	Farallon	09/20/07	2-4	22.1	125	<5.47	<0.0274	<0.219	<0.219	<0.656
TP7	TP7-092007-4-6	Farallon	09/20/07	4-6	19.1	140	<4.59	<0.0229	<0.184	<0.184	<0.551
TP8	TP8-092007-2-4	Farallon	09/20/07	2-4	17.4	248	<5.45	<0.0273	<0.218	<0.218	<0.654
TP8	TP8-092007-6-8	Farallon	09/20/07	6-8	78.9	701	<5.97	<0.0299	<0.239	<0.239	<0.717
TP9	TP9-092007-2-4	Farallon	09/20/07	2-4	<3.94	10.4	<4.39	<0.0220	<0.176	<0.176	<0.527
TP9	TP9-092007-6-8	Farallon	09/20/07	6-8	<399	**9,260**	<5.79	<0.0289	<0.232	<0.232	<0.695
TP10	TP10-092007-2-4	Farallon	09/20/07	2-4	24.4	174	<5.54	<0.0277	<0.221	<0.221	<0.664
TP10	TP10-092007-6-8	Farallon	09/20/07	6-8	149	1,080	16.8	**1.73**	0.265	<0.242	1.26
TP11	TP11-092007-2-4	Farallon	09/20/07	2-4	<3.99	29.2	<4.92	<0.0246	<0.197	<0.197	<0.590
TP11	TP11-092007-4-6	Farallon	09/20/07	4-6	949	**6,710**	<5.43	<0.0271	<0.217	<0.217	<0.651
TP12	TP12-092107-4-6	Farallon	09/21/07	4-6	<3.92	16.5	<4.80	**0.202**	<0.192	<0.192	<0.575
TP12	TP12-092107-6-8	Farallon	09/21/07	6-8	23.2	183	23.4	**1.17**	<0.232	<0.232	<0.695
TP13	TP13-092107-0-2	Farallon	09/21/07	0-2	<38.9	412	<5.84	<0.0292	<0.234	<0.234	<0.701
TP13	TP13-092107-6-8	Farallon	09/21/07	6-8	<3.88	38.2	<5.42	<0.0271	<0.217	<0.217	<0.650
TP14	TP14-092107-4-6	Farallon	09/21/07	4-6	<7.90	222	<4.46	<0.0223	<0.178	<0.178	<0.535
TP14	TP14-092107-6-8	Farallon	09/21/07	6-8	<19.7	454	<5.49	<0.0275	<0.220	<0.220	<0.659
TP15	TP15-092107-0-2	Farallon	09/21/07	0-2	58.7	812	<5.44	<0.0272	<0.218	<0.218	<0.653
TP15	TP15-092107-4-6	Farallon	09/21/07	4-6	14.5	194	<5.73	<0.0286	<0.229	<0.229	<0.687
TP17	TP-17-050608-8	Farallon	05/06/08	8	<211	829	<10.6	<0.0634	<0.106	<0.106	<0.211
TP18	TP-18-050808-8	Farallon	05/08/08	8	193	1,470	<13.7	<0.0823	<0.137	<0.137	<0.274
Test Trenches											
T1-NE	T1-050608-8-NE	Farallon	05/06/08	8	<58.5	201	<11.3	<0.0679	0.117	<0.113	<0.226
T1-SW	T1-050608-8-SW	Farallon	05/06/08	8	205	942	<12.6	<0.0755	<0.126	<0.126	<0.252
T2-SW	T2-050608-8-SW	Farallon	05/06/08	8	854	**3,840**	<15.1	<0.0905	<0.151	<0.151	<0.302
T2-NE	T2-050608-8-NE	Farallon	05/06/08	8	<1,410	**3,960**	<12.0	<0.0718	<0.120	<0.120	<0.239
T3-SW	T3-050708-8-SW	Farallon	05/07/08	8	<223	973	<9.35	<0.0561	<0.0935	<0.0935	<0.187
T3-NE	T3-050708-8-NE	Farallon	05/07/08	8	<53.3	137	17.6	<0.0656	<0.109	<0.109	<0.219
T4-S	T4-050708-8-S	Farallon	05/07/08	8	**2,020**	**3,580**	**303**	<0.672	<1.12	<1.12	<2.24
T4-N	T4-050708-8-N	Farallon	05/07/08	8	**6,890**	**13,000**	**297**	<0.494	<0.823	<0.823	<1.65
T5-NE	T5-050608-8-NE	Farallon	05/06/08	8	71.9	175.0	10.1	<0.0586	<0.0977	<0.0977	<0.195
T5-W	T5-050608-8-W	Farallon	05/06/08	8	82.9	341	<15.4	<0.0923	<0.154	<0.154	<0.308
T6-S	T6-050708-8-S	Farallon	05/07/08	8	**12,100**	**16,300**	**719**	<0.523	<0.872	1.44	2.92
T6-N	T6-050708-10-N	Farallon	05/07/08	10	**18,100**	**24,300**	**271**	<0.0593	<0.0988	0.135	0.862
T7-S	T7-050808-8-S	Farallon	05/08/08	8	**37,600**	**51,600**	**1,020**	<0.569	<0.949	<0.949	3.09
T7-N	T7-050808-8-N	Farallon	05/08/08	8	**6,860**	**11,300**	**156**	<0.0500	<0.0833	<0.0833	0.359
T8-SW	T8-050808-6-SW	Farallon	05/08/08	6	<12.0	<30.0	<10.4	<0.0627	<0.104	<0.104	<0.209
T8-NE	T8-050808-6-NE	Farallon	05/08/08	6	<11.6	<29.1	<10.5	<0.0629	<0.105	<0.105	<0.210
Monitoring Well Borings											
MW-1	MW1-10-072908	Farallon	07/29/08	10	**38,700**	**58,100**	**1,250**	<0.449	<0.748	3.08	8.14
MW-4	MW4-5-072908	Farallon	07/29/08	5	11.0	80.4	<5.07	<0.0304	<0.0507	<0.0507	<0.101
MTCA Method A Cleanup Levels for Soil[5]					**2,000**	**2,000**	**30**	**0.03**	**7**	**6**	**9**

NOTES:

Results in bold denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by Northwest Method NWTPH-Dx.

[3]Analyzed by Northwest Method NWTPH-Gx.

[4]Analyzed by U.S. Environmental Protection Agency Method 8021B.

[5]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

Farallon = Farallon Consulting, L.L.C.

EMR = EMR, Inc.

Table 2
Summary of Soil Analytical Results - Carcinogenic Polycyclic Aromatic Hydrocarbons
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Test Pit/Trench Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram) [2]							
					Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz(a,h) anthracene	Total cPAH TEQ [4,5]
TP1	TP1-092007-0-2	Farallon	09/20/07	0-2	<0.00330	0.0076	<0.00330	<0.00330	<0.00330	<0.00330	<0.00330	0.0026
TP1	TP1-092007-6-8	Farallon	09/20/07	6-8	<8.28	<8.28	<8.28	<8.28	<8.28	<8.28	<8.28	< **6.2514**
TP2	TP2-092007-2-4	Farallon	09/20/07	2-4	0.0313	0.0360	0.0642	0.0282	0.0282	0.0188	<0.0156	0.0436
TP2	TP2-092007-6-8	Farallon	09/20/07	6-8	<8.22	<8.22	<8.22	<8.22	<8.22	<8.22	<8.22	< **6.2061**
TP3	TP3-092007-2-4	Farallon	09/20/07	2-4	<0.00326	0.00522	0.00424	0.00456	<0.00326	0.00326	<0.00326	0.0032
TP3	TP3-092007-4-6	Farallon	09/20/07	4-6	<0.00327	<0.00327	<0.00327	<0.00327	<0.00327	<0.00327	<0.00327	< 0.0025
TP4	TP4-092007-4-6	Farallon	09/20/07	4-6	<0.00316	0.00411	0.00411	0.00348	<0.00316	<0.00316	<0.00316	0.0029
TP4	TP4-092007-6-8	Farallon	09/20/07	6-8	<0.00327	0.00327	0.00392	<0.00327	<0.00327	<0.00327	<0.00327	0.0027
TP5	TP5-092007-2-4	Farallon	09/20/07	2-4	<0.00320	<0.00320	<0.00320	<0.00320	<0.00320	<0.00320	<0.00320	< 0.0024
TP5	TP5-092007-6-8	Farallon	09/20/07	6-8	<0.00332	<0.00332	<0.00332	<0.00332	<0.00332	<0.00332	<0.00332	< 0.0025
TP6	TP6-092007-4-6	Farallon	09/20/07	4-6	0.00426	0.00623	<0.00328	<0.00328	<0.00328	<0.00328	<0.00328	0.0028
TP6	TP6-092007-6-8	Farallon	09/20/07	6-8	<0.00323	0.00355	<0.00323	<0.00323	<0.00323	<0.00323	<0.00323	0.0025
TP7	TP7-092007-2-4	Farallon	09/20/07	2-4	<0.00333	<0.00333	0.00366	<0.00333	<0.00333	<0.00333	<0.00333	0.0027
TP7	TP7-092007-4-6	Farallon	09/20/07	4-6	<0.0323	<0.0323	<0.0323	<0.0323	<0.0323	<0.0323	<0.0323	< 0.0024
TP8	TP8-092007-2-4	Farallon	09/20/07	2-4	0.0155	0.0152	0.0107	0.00939	0.00615	0.00324	<0.00324	0.0103
TP8	TP8-092007-6-8	Farallon	09/20/07	6-8	0.163	0.202	0.264	0.117	0.1300	0.0358	0.0391	**0.1939**
TP9	TP9-092007-2-4	Farallon	09/20/07	2-4	<0.00332	<0.00332	<0.00332	<0.00332	<0.00332	<0.00332	<0.00332	< 0.0025
TP9	TP9-092007-6-8	Farallon	09/20/07	6-8	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	< **12.5330**
TP10	TP10-092007-2-4	Farallon	09/20/07	2-4	<0.0330	<0.0330	<0.0330	<0.0330	<0.0330	<0.0330	<0.0330	< 0.0249
TP10	TP10-092007-6-8	Farallon	09/20/07	6-8	<0.0162	0.0276	<0.0162	<0.0162	<0.0162	<0.0162	<0.0162	< 0.0124
TP11	TP11-092007-2-4	Farallon	09/20/07	2-4	0.00364	0.00430	0.00530	0.00331	<0.00331	0.00331	<0.00331	0.0034
TP11	TP11-092007-4-6	Farallon	09/20/07	4-6	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	< **0.1231**
TP12	TP12-092107-4-6	Farallon	09/21/07	4-6	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	< 0.0025
TP12	TP12-092107-6-8	Farallon	09/21/07	6-8	0.00657	0.0151	<0.00328	<0.00328	0.0102	0.00722	<0.00328	0.0122
TP13	TP13-092107-6-8	Farallon	09/21/07	6-8	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	< 0.0025
TP14	TP14-092107-4-6	Farallon	09/21/07	4-6	0.147	0.163	0.153	0.171	0.166	0.0570	0.0374	**0.2242**
TP14	TP14-092107-6-8	Farallon	09/21/07	6-8	<0.164	<0.164	<0.164	<0.164	<0.164	<0.164	<0.164	< **0.1238**
TP15	TP15-092107-0-2	Farallon	09/21/07	0-2	<0.162	<0.162	<0.162	<0.162	<0.162	<0.162	<0.162	< **0.1223**
TP15	TP15-092107-4-6	Farallon	09/21/07	4-6	0.168	0.183	0.208	0.159	0.165	0.0586	0.0322	**0.2294**
TP17	TP-17-050608-8	Farallon	05/06/08	8	<0.107	<0.107	<0.107	<0.107	<0.107	<0.107	<0.107	< 0.0808
TP18	TP-18-050808-8	Farallon	05/08/08	8	<0.133	<0.133	<0.133	<0.133	<0.133	<0.133	<0.133	< **0.1004**
T1-NE	T1-050608-8-NE	Farallon	05/06/08	8	<0.0117	0.0155	<0.0117	<0.0117	<0.0117	<0.0117	<0.0117	< 0.0089
T1-SW	T1-050608-8-SW	Farallon	05/06/08	8	0.0255	0.0502	0.0366	0.0204	0.0230	0.0153	<0.0128	0.0339
T2-SW	T2-050608-8-SW	Farallon	05/06/08	8	<0.327	<0.327	<0.327	<0.327	**0.4150**	<0.327	<0.327	**0.4984**
T2-NE	T2-050608-8-NE	Farallon	05/06/08	8	<0.282	<0.282	<0.282	<0.282	<0.282	<0.282	<0.282	< **0.2129**
T3-SW	T3-050708-8-SW	Farallon	05/07/08	8	<0.109	<0.109	<0.109	<0.109	<0.109	<0.109	<0.109	< 0.0823
T3-NE	T3-050708-8-NE	Farallon	05/07/08	8	<0.530	**0.635**	<0.530	<0.530	<0.530	<0.530	<0.530	**0.4039**
T4-S	T4-050708-8-S	Farallon	05/07/08	8	**0.680**	**1.56**	<0.600	<0.600	<0.600	<0.600	<0.600	**0.5036**
T4-N	T4-050708-8-N	Farallon	05/07/08	8	<1.59	**3.39**	<1.59	<1.59	<1.59	<1.59	<1.59	**1.2264**
T5-NE	T5-050608-8-NE	Farallon	05/06/08	8	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118	< 0.0089
T5-W	T5-050608-8-W	Farallon	05/06/08	8	0.0177	0.0237	<0.0127	<0.0127	<0.0127	<0.0127	<0.0127	0.0109
T6-S	T6-050708-8-S	Farallon	05/07/08	8	**1.86**	**4.55**	<1.55	<1.55	<1.55	<1.55	<1.55	**1.3165**
T6-N	T6-050708-10-N	Farallon	05/07/08	10	**2.68**	**7.17**	<1.61	<1.61	<1.61	<1.61	<1.61	**1.4667**
T7-S	T7-050808-8-S	Farallon	05/08/08	8	**5.54**	**13.8**	<4.15	<4.15	<4.15	<4.15	<4.15	**3.5970**
T7-N	T7-050808-8-N	Farallon	05/08/08	8	<1.52	**3.04**	<1.52	<1.52	<1.52	<1.52	<1.52	**1.1704**
T8-SW	T8-050808-6-SW	Farallon	05/08/08	6	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	< 0.0091
T8-NE	T8-050808-6-NE	Farallon	05/08/08	6	0.0212	0.0236	0.0228	0.0188	0.0204	0.0141	<0.0118	0.0289
MTCA Method A Cleanup Levels for Soil[3]												**0.10**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limits listed.

-- = not calculated due to elevated detection limits.

Farallon = Farallon Consulting, L.L.C.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8270C SIMS.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

[4]Total carcinogenic polycyclic aromatic hydrocarbons (cPAHs) derived using the total toxicity equivalency (TEQ) method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

[5]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the TEQ.

Table 3
Summary of Soil Analytical Results - Non-Carcinogenic Polycyclic Aromatic Hydrocarbons
BNSF - John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Test Pit/Trench Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results in milligrams per kilogram (mg/kg)[2,3]
					Naphthalenes
TP1	TP1-092007-0-2	Farallon	09/20/07	0-2	<0.00330
TP1	TP1-092007-6-8	Farallon	09/20/07	6-8	<8.28
TP2	TP2-092007-2-4	Farallon	09/20/07	2-4	<0.0156
TP2	TP2-092007-6-8	Farallon	09/20/07	6-8	<8.22
TP3	TP3-092007-2-4	Farallon	09/20/07	2-4	<0.00326
TP3	TP3-092007-4-6	Farallon	09/20/07	4-6	<0.00327
TP4	TP4-092007-4-6	Farallon	09/20/07	4-6	<0.00316
TP4	TP4-092007-6-8	Farallon	09/20/07	6-8	<0.00327
TP5	TP5-092007-2-4	Farallon	09/20/07	2-4	<0.00320
TP5	TP5-092007-6-8	Farallon	09/20/07	6-8	<0.00332
TP6	TP6-092007-4-6	Farallon	09/20/07	4-6	<0.00328
TP6	TP6-092007-6-8	Farallon	09/20/07	6-8	<0.00323
TP7	TP7-092007-2-4	Farallon	09/20/07	2-4	<0.00333
TP7	TP7-092007-4-6	Farallon	09/20/07	4-6	<0.0323
TP8	TP8-092007-2-4	Farallon	09/20/07	2-4	0.01199
TP8	TP8-092007-6-8	Farallon	09/20/07	6-8	0.0944
TP9	TP9-092007-2-4	Farallon	09/20/07	2-4	<0.00332
TP9	TP9-092007-6-8	Farallon	09/20/07	6-8	<16.6
TP10	TP10-092007-2-4	Farallon	09/20/07	2-4	<0.0330
TP10	TP10-092007-6-8	Farallon	09/20/07	6-8	0.0000
TP11	TP11-092007-2-4	Farallon	09/20/07	2-4	<0.00331
TP11	TP11-092007-4-6	Farallon	09/20/07	4-6	<0.163
TP12	TP12-092107-4-6	Farallon	09/21/07	4-6	<0.00325
TP12	TP12-092107-6-8	Farallon	09/21/07	6-8	<0.00328
TP13	TP13-092107-6-8	Farallon	09/21/07	6-8	<0.00329
TP14	TP14-092107-4-6	Farallon	09/21/07	4-6	<0.0163
TP14	TP14-092107-6-8	Farallon	09/21/07	6-8	<0.164
TP15	TP15-092107-0-2	Farallon	09/21/07	0-2	<0.162
TP17	TP-17-050608-8	Farallon	05/06/08	8	<0.107
TP18	TP-18-050808-8	Farallon	05/08/08	8	<0.133
T1-NE	T1-050608-8-NE	Farallon	05/06/08	8	<0.0117
T1-SW	T1-050608-8-SW	Farallon	05/06/08	8	0.0153
T2-SW	T2-050608-8-SW	Farallon	05/06/08	8	<0.327
T2-NE	T2-050608-8-NE	Farallon	05/06/08	8	<0.282
T3-SW	T3-050708-8-SW	Farallon	05/07/08	8	<0.109
T3-NE	T3-050708-8-NE	Farallon	05/07/08	8	<0.530
T4-S	T4-050708-8-S	Farallon	05/07/08	8	<0.600
T4-N	T4-050708-8-N	Farallon	05/07/08	8	<1.59
T5-NE	T5-050608-8-NE	Farallon	05/06/08	8	<0.0118
T5-W	T5-050608-8-W	Farallon	05/06/08	8	0.04820
T6-S	T6-050708-8-S	Farallon	05/07/08	8	**33.10**
T6-N	T6-050708-10-N	Farallon	05/07/08	10	**87.3**
T7-S	T7-050808-8-S	Farallon	05/08/08	8	**189.8**
T7-N	T7-050808-8-N	Farallon	05/08/08	8	**6.98**
T8-SW	T8-050808-6-SW	Farallon	05/08/08	6	<0.0120
T8-NE	T8-050808-6-NE	Farallon	05/08/08	6	<0.0118
MTCA Method B Cleanup Level for Soil [4]					**5.0**

NOTES:

Results in **bold** indicate concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

Farallon = Farallon Consulting, L.L.C.

[1] Depth in feet below ground surface.

[2] Analyzed by U.S. Environmental Protection Agency Method GC/MS-SIM.

[3] Non-carcinogenic polycyclic aromatic hydrocarbons not presented here do not exceed the applicable MTCA cleanup level.

[4] Washington State Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Version 3.1, Standard Method B, Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, http://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Table 4
Summary of Soil Analytical Results - RCRA 8 Metals
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Trench Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (milligrams per kilogram)[2]							
					Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
T1-SW	T1-050608-8-SW	Farallon	05/06/08	8	5.49	117	<0.577	61.0	23.2	<1.15	<0.577	0.0745
T2-NE	T2-050608-8-NE	Farallon	05/06/08	8	2.63	102	<0.493	77.5	17.4	<0.986	<0.493	<0.0500
T3-SW	T3-050708-8-SW	Farallon	05/07/08	8	4.77	45.7	<0.562	85.6	25.8	<1.12	<0.562	0.0874
T4-N	T4-050708-8-N	Farallon	05/07/08	8	1.83	24.4	<0.557	154	1.00	<1.11	<0.557	<0.0500
T5-SW	T5-050608-8-SW	Farallon	05/06/08	8	12.4	94.3	<0.519	38.8	55.0	<1.04	<0.519	0.0672
T6-N	T6-050708-10-N	Farallon	05/07/08	10	2.83	35.4	<0.562	82.3	6.24	<1.12	<0.562	<0.0500
T7-S	T7-050808-8-S	Farallon	05/08/08	8	4.35	63.2	<0.570	59.6	2.27	<1.14	<0.570	<0.0500
T8-NE	T8-050808-6-NE	Farallon	05/08/08	6	3.89	49.6	<0.502	49.6	16.1	<1.00	<0.502	<0.0500
MTCA Cleanup Levels for Soil					**20** [3]	**16,000** [4]	**2** [3]	**2,000** [3]	**250** [3]	**400** [4]	**400** [4]	**2** [3]

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the laboratory practical quantitation limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Methods 6000/6010/7000 Series.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

[4]Washington State Department of Ecology Cleanup Levels and Risk Calculations, under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Version 3.1, Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

RCRA = Resource Conservation and Recovery Act

Farallon = Farallon Consulting, L.L.C.

Table 5
Summary of Soil Analytical Results - Polychlorinated Biphenyls
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Trench Location	Sample Identification	Sampled By	Sample Date	Sample Depth (feet) [1]	Analytical Results (micrograms per kilogram)[2]									
					Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
T1-SW	T1-050608-8-SW	Farallon	05/06/08	8	<321	<642	<321	<321	<321	<321	<321	<321	<321	<642
T2-NE	T2-050608-8-NE	Farallon	05/06/08	8	<281	<561	<281	<281	<281	<281	<281	<281	<281	<561
T3-SW	T3-050708-8-SW	Farallon	05/07/08	8	<277	<554	<277	<277	<277	<277	<277	<277	<277	<554
T4-N	T4-050708-8-N	Farallon	05/07/08	8	<540	<1080	<540	<540	<540	<540	<540	<540	<540	<1080
T5-SW	T5-050608-8-SW	Farallon	05/06/08	8	<290	<581	<290	<290	<290	<290	<290	<290	<290	<581
T6-N	T6-050708-10-N	Farallon	05/07/08	10	<843	<1690	<843	<843	<843	<843	<843	<843	<843	<1690
T7-S	T7-050808-8-S	Farallon	05/08/08	8	<2790	<5570	<2790	<2790	<2790	<2790	<2790	<2790	<2790	<5570
T8-NE	T8-050808-6-NE	Farallon	05/08/08	6	<295	<591	<295	<295	<295	<295	<295	<295	<295	<591
MTCA Method A Cleanup Levels for Soil [3]														**1,000**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

Farallon = Farallon Consulting, L.L.C.

< denotes analyte not detected at or above the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8082.

3Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

Table 6
Summary of Groundwater Elevation Data
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Monitoring Well	Date Measured	Sampled by	Well Head Elevation (feet)[1]	Depth to Water (feet)[2]	Elevation of Groundwater (feet)[1]
MW-1	8/6/2008	Farallon	501.94	13.94	488.00
MW-2	8/6/2008	Farallon	499.14	9.00	490.14
MW-3	8/6/2008	Farallon	496.09	7.83	488.26
MW-4	8/6/2008	Farallon	495.85	6.39	489.46

NOTES:

[1] Elevations based on an arbitrary 100-foot datum established at the Site.

[2] In feet below top of well casing.

Farallon = Farallon Consulting, L.L.C.

Table 7
Summary of Groundwater Analytical Results - Total Petroleum Hydrocarbons and BTEX
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Boring/ Monitoring Well	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (micrograms per liter)						
					DRO[2]	ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethyl-benzene[4]	Xylenes[4]
B-5	B-5	EMR	12/01/04	-	**1,290**	**2,160**	<100	**26.1**	**<1.0**	**<1.0**	**<2.0**
B-6	B-6	EMR	12/01/04	-	<254	<507	<100	<0.5	<1.0	<1.0	<2.0
B-8	B-8	EMR	12/01/04	-	<525	<505	<100	<0.5	<1.0	<1.0	<2.0
MW-1	MW1-080608	Farallon	08/06/08	16	**1,110**	<472	145	1.09	0.700	0.893	2.84
MW-2	MW2-080608	Farallon	08/06/08	11	<236	<472	<50	<0.500	<0.500	<0.500	<1.00
MW-3	MW3-080608	Farallon	08/06/08	10	<236	499	<50	<0.500	<0.500	<0.500	<1.00
MW-4	MW4-080608	Farallon	08/06/08	10	<236	<472	<50	<0.500	<0.500	<0.500	<1.00
MTCA Method A Cleanup Levels for Groundwater[5]					**500**	**500**	**800**	**5**	**1,000**	**700**	**1,000**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

- = depth of sample unknown.

[1] Depth in feet below ground surface.

[2] Analyzed by Northwest Method NWTPH-Dx.

[3] Analyzed by Northwest Method NWTPH-Gx.

[4] Analyzed by U.S. Environmental Protection Agency Method 8021B.

[5] Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

EMR = EMR, Inc.

Farallon = Farallon Consulting, L.L.C.

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

Table 8
Summary of Groundwater Analytical Results - Carcinogenic Polycyclic Aromatic Hydrocarbons
John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Monitoring Well	Sample Identification	Sampled By	Sample Date	Sample Depth (feet)[1]	Analytical Results (micrograms per liter) [2]							
					Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz(a,h) anthracene	Total cPAH TEQ [3,4]
MW-1	MW1-080608	Farallon	08/06/08	16	<0.0943	<0.0943	0.2890	<0.0943	**0.2550**	<0.0943	<0.0943	**0.3032**
MW-2	MW2-080608	Farallon	08/06/08	11	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	< 0.0712
MW-3	MW3-080608	Farallon	08/06/08	10	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	< 0.0712
MW-4	MW4-080608	Farallon	08/06/08	10	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	<0.0943	< 0.0712
MTCA Method A Cleanup Levels for Groundwater[5]												**0.10**

NOTES:

Results in **bold** indicate concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

[1] Depth in feet below ground surface (bgs).

[2] Analyzed by U.S. Environmental Protection Agency Method 8270C SIMS.

[3] For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the TEQ.

[4] Total carcinogenic polycyclic aromatic hydrocarbons (cPAHs) derived using the total toxicity equivalency (TEQ) method presented in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

[5] Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended November 2007.

Farallon = Farallon Consulting, L.L.C.

NC = no cleanup level available

Table 9
Summary of Groundwater Analytical Results - Non-Carcinogenic Polycyclic Aromatic Hydrocarbons
BNSF - John Michael Lease Site
Cashmere, Washington
Farallon PN: 683-018

Monitoring Well Location	Sample Identification	Sampled By	Date Sampled	Sample Depth (feet) [1]	Analytical Results in micrograms per liter (µg/l)[2]			
					Acenaphthene	Fluorene	Pyrene	Total Naphthalene
MW-1	MW1-080608	Farallon	08/06/08	16	0.866	1.08	0.266	4.78
MW-2	MW2-080608	Farallon	08/06/08	11	<0.0943	<0.0943	<0.0943	<0.0943
MW-3	MW3-080608	Farallon	08/06/08	10	<0.0943	<0.0943	<0.0943	<0.0943
MW-4	MW4-080608	Farallon	08/06/08	10	<0.0943	<0.0943	<0.0943	<0.0943
MTCA Method B Cleanup Level for Groundwater [3]					**960**	**640**	**480**	**160**

NOTES:

Results in **bold** indicate concentrations above applicable cleanup levels

Farallon = Farallon Consulting, L.L.C.

< denotes analyte not detected at or above the reporting limit listed.

[1] Depth in feet below ground surface.

[2] Analyzed by U.S. Environmental Protection Agency Method GC/MS-SIM.

[3] Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

APPENDIX A
BORING/WELL CONSTRUCTION LOGS

SUBSURFACE INVESTIGATION REPORT
John Michael Lease Site
5640 Sunset Highway
Cashmere, Washington

Farallon PN: 683-018

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

USCS Classification and Graphic Legend

Major Divisions			USCS Graphic Symbol	USCS Letter Symbol	Lithologic Description
Coarse-Grained Soil (More than 50% of material is larger than No. 200 sieve size)	GRAVEL AND GRAVELLY SOIL (More than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVEL (Little or no fines)		GW	Well graded GRAVEL, well graded GRAVEL with sand
				GP	Poorly graded GRAVEL, GRAVEL with sand
		GRAVEL WITH FINES (Appreciable amount of fines)		GP-GM	Poorly graded GRAVEL - GRAVEL with sand and silt
				GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOIL (More than 50% of coarse fraction passed through No. 4 sieve)	CLEAN SAND (Little or no fines)		SW	Well graded SAND
				SP	Poorly graded SAND
		SAND WITH FINES (Appreciable amount of fines)		SP-SM	Poorly graded SAND - silty SAND
				SM	Silty SAND
				SC	Clayey SAND
				SM-ML	SILT - Silty SAND
Fine-grained Soil (More than 50% of material is smaller than No. 200 sieve size)	SILT AND CLAY (Liquid limit less than 50)			ML	SILT
				CL	CLAY
				OL	Organic SILT
	SILT AND CLAY (Liquid limit greater than 50)			MH	Inorganic SILT
				CH	Inorganic CLAY
				OH	Organic CLAY
		Highly Organic Soil		PT	Peat
OTHER MATERIALS	PAVEMENT			AC	Asphalt concrete
				CO	Concrete
	OTHER			RK	Bedrock
				WD	Wood Debris
				DB	Debris (Miscellaneous)
				PC	Portland cement

Legend

- Sample Interval
- G — Grab Sample Interval
- Water level at time of drilling
- Water level at time of sampling
- Blank Casing
- Screened Casing
- Cement Grout
- Bentonite
- Sand Pack
- Well Cap

Solid line indicates sharp contact between units well defined.

Dashed line indicates gradational contact between units.

feet bgs = feet below ground surface
NE = Not Encountered
NA = Not Applicable
PID = Photoionization Detector
PN = Project Number
units = PID units calibrated to 100 ppm isobutylene
USCS = Unified Soil Classification System

E:\Forms\Boilerplates\LogPlot\Lithology\Coverpage

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP1

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 0900
Date/Time Completed: 9/20/07 1000
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Fill- medium sand and concrete cobbles and boulders (50%/50%), gray and brown, loose, dry, no odor, no sheen.	SP	15.1	TP1-092007-0-2 @0920	X
		Fill- medium sand and concrete cobbles and boulders (50%/50%), gray and brown, loose, dry, no odor, no sheen.	SP	4.9	TP1-092007-2-4 @0928	
		Fill- medium sand and concrete cobbles and boulders (50%/50%), gray and brown, loose, dry, petroleum odor at olly stripe near 6 feet bgs, sheen.	SP	4.1	TP1-092007-4-6 @0940	
5		Fill- medium sand and concrete cobbles and boulders (50%/50%), gray and brown, loose, moist, strong petroleum odor, free product observed.	SP	18.1	TP1-092007-6-8 @0955	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP2

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1045
Date/Time Completed: 9/20/07 1200
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Fill- medium sand and gravel with cobbles and boulders (34%/33%/33%), gray and tan, loose, dry, heating oil-type odor, slight sheen.	SP	0	TP2-092007-0-2 @1100	
		Fill- medium sand and gravel with cobbles and boulders (34%/33%/33%), gray and tan, loose, dry, heating oil-type odor, slight sheen.	SP	0	TP2-092007-2-4 @1110	X
		Fill- medium sand and gravel with cobbles and boulders (34%/33%/33%), gray and tan, loose, dry, tar-type odor, no sheen. Tar- type substance increases (downward) toward 6' bgs.	SP	0.1	TP2-092007-4-6 @1145	
5		Fill- medium sand and gravel with cobbles and boulders (34%/33%/33%), gray and tan, loose, dry, strong odor, black tar, sheen.	SP	0	TP2-092007-6-8 @1200	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP3

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1230
Date/Time Completed: 9/20/07 1300
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with coarse gravel (60%/25%/15%), subrounded gravel, brown, loose, dry, faint odor, no sheen.	SP	0	TP3-092007-0-2 @1240	
		Poorly graded medium sand with coarse gravel (60%/25%/15%), subrounded gravel, brown, loose, dry, faint odor, no sheen.	SP	0	TP3-092007-2-4 @1245	X
		Poorly graded medium sand with coarse gravel (60%/25%/15%), subrounded gravel, brown, loose, dry, faint odor, no sheen. Some tar towards 6' bgs.	SP	0.5	TP3-092007-4-6 @1250	X
5		Tar and poorly graded coarse gravel with construction debris (60%/25%/15%), black to gray, sticky, moist, strong odor, sheen.	GP	30.6	TP3-092007-6-8 @1300	
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP4

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1330
Date/Time Completed: 9/20/07 1405
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with coarse gravel (60%/30%), brown, loose, dry, no odor, no sheen, rounded 4" cobble.	SP	0	TP4-092007-0-2 @1315	
		Poorly graded medium sand with coarse gravel (60%/30%), brown, loose, dry, no odor, no sheen, rounded 4" cobble.	SP	0	TP4-092007-2-4 @1320	
		Poorly graded medium sand with coarse gravel (60%/30%), brown, loose, dry, slight odor, no sheen, rounded 4" cobble.	SP	1.9	TP4-092007-4-6 @1325	X
5		Poorly graded medium sand with coarse gravel (60%/30%), brown, loose, dry, slight odor, no sheen, rounded 4" cobble.	SP	0	TP4-092007-6-8 @1330	X
		Poorly graded medium sand with coarse gravel (60%/30%) gray, loose, moist, odor, sheen.	SP			
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP5

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1400
Date/Time Completed: 9/20/07 1440
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with coarse gravel (75%/25%), brown, loose, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0	TP5-092007-0-2 @1415	
		Poorly graded medium sand with coarse gravel (75%/25%), brown, loose, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0	TP5-092007-2-4 @1420	X
		Poorly graded medium sand with coarse gravel (75%/25%), brown, loose, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0.1	TP5-092007-4-6 @1430	
5		Poorly graded medium sand with coarse gravel (75%/25%), brown, loose, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0	TP5-092007-6-8 @1435	X
		Silty sand (55%/45%), medium, gray, loose, moist, odor, sheen. There is also contamination in the form of gray petroleum product that saturates pockets of sand.	SM			

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP6

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1440
Date/Time Completed: 9/20/07 1520
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with coarse gravel (70%/25%), brown, medium dense, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0	TP6-092007-0-2 @1450	
		Poorly graded medium sand with coarse gravel (70%/25%), brown, medium dense, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0.1	TP6-092007-2-4 @1455	
		Poorly graded medium sand with coarse gravel (70%/25%), brown, medium dense, dry, no odor, no sheen. Cobble greater than 4" in diameter.	SP	0	TP6-092007-4-6 @1500	X
5		Silty sand with coarse gravel (40%/40%/20%), medium, gray, loose, moist to wet, petroleum odor, sheen. Cobble is greater than 5" in diameter.	SM	0.2	TP6-092007-6-8 @1505	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP7

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1520
Date/Time Completed: 9/20/07 1610
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with silt and coarse gravel (70%/15%/15%), tan, medium dense, dry, no odor, no sheen.	SP-SM	0	TP7-092007-0-2 @1530	
		Poorly graded medium sand with silt and coarse gravel (70%/15%/15%), tan, medium dense, dry, no odor, no sheen.	SP-SM	0	TP7-092007-2-4 @1535	X
		Poorly graded medium sand with silt and coarse gravel (70%/15%/15%), tan, medium dense, dry, no odor, no sheen.	SP-SM	0	TP7-092007-4-6 @1545	X
5		Gradual transition to sandy silt (50%/50%), medium sand, dark brown, loose, moist, petroleum odor, no sheen.	ML	0.1	TP7-092007-6-8 @1550	
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP8

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started:	9/20/07 1615	**Sampler Type:**	5035 and bucket
Date/Time Completed:	9/20/07 1700	**Depth of Water (ft bgs):**	NA
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	8
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Randy Bevin		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded fine sand with coarse gravel (70%/30%) highly organic, dark brown, loose, dry, slight odor, no sheen. 5" clasts to boulders.	SP	0.1	TP8-092007-0-2 @1625	
		Poorly graded fine sand with coarse gravel (70%/30%) highly organic, dark brown, loose, dry, slight odor, no sheen. 5" clasts to boulders.	SP	0.2	TP8-092007-2-4 @1630	X
		Poorly graded fine sand with coarse gravel (70%/30%) highly organic, dark brown, loose, dry, slight odor, no sheen. 5" clasts to boulders.	SP	0.1	TP8-092007-4-6 @1640	
5		Poorly graded fine sand with coarse gravel (70%/30%) highly organic, dark brown, loose, dry, slight odor, no sheen. 5" clasts to boulders.	SP	0	TP8-092007-6-8 @1645	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP9

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1700
Date/Time Completed: 9/20/07 1730
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded coarse gravel with sand (75%/25%), brown, dense, dry, no odor, no sheen. Boulders.	GP	0.1	TP9-092007-0-2 @1710	
		Poorly graded medium sand with coarse gravel (75%/25%), rounded, organics, dark brown, loose, dry, no odor, no sheen.	SP			
		Poorly graded medium sand with coarse gravel (75%/25%), rounded, organics, dark brown, loose, dry, no odor, no sheen.	SP	0	TP9-092007-2-4 @1715	X
		Poorly graded medium sand with coarse gravel (75%/25%), rounded, organics, dark brown, loose, dry, no odor, no sheen.	SP	0.5	TP9-092007-4-6 @1720	
5		Poorly graded medium sand with coarse gravel (75%/25%), rounded, organics, dark brown, loose, dry, faint odor, faint sheen.	SP	0.1	TP9-092007-6-8 @1725	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP10

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/20/07 1730
Date/Time Completed: 9/20/07 1800
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): NA
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with coarse gravel (70%/30%), tan, dense, dry, no odor, no sheen.	SP	0	TP10-092007-0-2 @1740	
		Poorly graded medium sand with coarse gravel (70%/30%), tan, dense, dry, no odor, no sheen.	SP	0.1	TP10-092007-2-4 @1745	X
		Poorly graded medium sand with coarse gravel (70%/30%), tan, dense, dry, no odor, no sheen.	SP	0.5	TP10-092007-4-6 @1750	
5		Silty sand with fine gravel (50%/30%/20%), medium, medium dense, moist, strong petroleum odor, sheen. Some gravel has an interstitial, tar-type matrix.	SM			
		Silty sand with fine gravel (50%/30%/20%), medium, medium dense, moist, strong petroleum odor, sheen. Some gravel has an interstitial, tar-type matrix.	SM	0.5	TP10-092007-6-8 @1755	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP11

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started:	9/20/07 1800	**Sampler Type:**	5035 and bucket
Date/Time Completed:	9/20/07 1840	**Depth of Water (ft bgs):**	NA
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	8
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Randy Bevin		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty sand with fine to coarse gravel (55%/30%/15%), medium, tan, dense, dry, no odor, no sheen. Gravel is subrounded.	SM	0	TP11-092007-0-2 @1810	
		Silty sand with fine to coarse gravel (55%/30%/15%), medium, tan, dense, dry, no odor, no sheen. Gravel is subrounded.	SM	0	TP11-092007-2-4 @1815	X
		Silty sand with fine to coarse gravel (55%/30%/15%), medium, tan, dense, dry, no odor, no sheen. Gravel is subrounded.	SM			
5		Silty sand with fine to coarse gravel (55%/30%/15%), medium, tan, dense, moist, petroleum odor, sheen. Free product observed, tar stains left on sampling equipment.	SM	0.5	TP11-092007-4-6 @1820	X
		Silty sand with fine to coarse gravel (55%/30%/15%), medium, tan, dense, moist, petroleum odor, sheen. Free product observed, tar stains left on sampling equipment.	SM	35.8	TP11-092007-6-8 @1825	
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP12

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started:	9/21/07 0630	**Sampler Type:**	5035 and bucket
Date/Time Completed:	9/21/07 1715	**Depth of Water (ft bgs):**	NA
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	8
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Randy Bevin		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Poorly graded medium sand with coarse gravel (70%/30%), tan, med.dense, dry, slight odor, no sheen. Boulders present.	SP	0	TP12-092107-0-2 @0640	
		Poorly graded medium sand with coarse gravel (70%/30%), tan, med.dense, dry, slight odor, no sheen. Boulders present.	SP	0	TP12-092107-2-4 @0645	
5		Poorly graded medium sand with coarse gravel (70%/30%), gray, loose, moist, strong odor, sheen.	SP	0	TP12-092107-4-6 @0650	X
		Poorly graded medium sand with coarse gravel (70%/30%), gray, loose, moist, very strong odor, sheen.	SP	51.3	TP12-092107-6-8 @0655	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP13

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started:	9/21/07 0730	**Sampler Type:**	5035 and bucket
Date/Time Completed:	9/21/07 0800	**Depth of Water (ft bgs):**	7
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	7.5
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Randy Bevin		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, dry, no odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	0	TP13-092107-0-2 @0740	X
		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, dry, no odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	0.1	TP13-092107-2-4 @0745	
		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, dry, no odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	0	TP13-092107-4-6 @0750	
5		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, wet below 7' bgs, no odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	0.2	TP13-092107-6-8 @0755	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP14

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started:	9/21/07 0815	**Sampler Type:**	5035 and bucket
Date/Time Completed:	9/21/07 0900	**Depth of Water (ft bgs):**	8
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	8
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Randy Bevin		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, dry, no odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	0	TP14-092107-0-2 @0815	
		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, dry, no odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	0.1	TP14-092107-2-4 @0820	
5		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, very moist, slight odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	NA	TP14-092107-4-6 @0835	X
		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, loose, wet (water at 8' bgs), slight odor, no sheen. Abundant river rock: subrounded 3" gravel.	SP	NA	TP14-092107-6-8 @0840	X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: TP15

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: Jon Peterson

Date/Time Started: 9/21/07 0900
Date/Time Completed: 9/21/07 0950
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Randy Bevin
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 8
Total Excavation Depth (ft bgs): 8

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, medium dense, dry, no odor, no sheen.	SP	0.1	TP15-092107-0-2 @0910	X
		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, medium dense, dry, no odor, no sheen.	SP	0	TP15-092107-2-4 @0915	
		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, medium dense, dry, no odor, no sheen.	SP	0.1	TP15-092107-4-6 @0920	X
5		Fill - Medium sand with coarse gravel and bricks and other construction debris (60%/25%/15%), tan, medium dense, wet at 8' bgs, no odor, no sheen.	SP	0	TP15-092107-6-8 @0925	
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-1

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started: 5/06/08 1250
Date/Time Completed: 5/06/08 1430
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Stacey Tolbert
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 9.5
Total Excavation Depth (ft bgs): 9.5

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (85% sand, 10% silt, 5% gravel), fine- to medium-grained sand, grey, moist, slight odor.	SP-SM	10.7		
		Silty SAND (90% sand, 5% silt, 5% gravel), medium-grained sand, brown, moist, no odor.	SP	1.6	T1-050608-2-SW	
		Silty SAND (90% sand, 5% silt, 5% gravel), medium-grained sand, brown, moist, no odor.	SP	2.6	T1-050608-4-NE	
5		Silty SAND (90% sand, 5% silt, 5% gravel), medium-grained sand, brown, moist, no odor.	SP	1.3	T1-050608-6-NE	
				2.4	T1-050608-8-SW T1-050608-8-NE	X X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-2

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started:	5/06/08 1440	**Sampler Type:**	5035 and bucket
Date/Time Completed:	5/06/08 1620	**Depth of Water (ft bgs):**	9.5
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	9.5
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Stacey Tolbert		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (85% sand, 10% silt, 5% gravel), fine- to medium-grained sand, brown, moist, no odor.	SP-SM	1.4		
		Silty SAND (85% sand, 10% silt, 5% gravel), fine- to medium-grained sand, brown, moist, slight odor.	SP-SM	1.2	T2-050608-2-SW	
		Sandy GRAVEL (90% gravel, 10% sand), medium- to coarse-grained sand, grey, moist, odor.	GP	2.3	T2-050608-4-SW	
5		Sandy GRAVEL (85% gravel, 10% sand, 5% silt), medium-grained sand, grey to brown, moist, slight odor.	GP	1.7	T2-050608-6-NE	
				0.0	T2-050608-8-SW T2-050608-8-NE	X X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-3

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started: 5/07/08 0820
Date/Time Completed: 5/07/08 1010
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Stacey Tolbert
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 8.5
Total Excavation Depth (ft bgs): 8.5

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (90% sand, 10% silt), fine- to medium-grained sand, brown, moist, no odor.	SP-SM	0.0		
		Silty SAND (90% sand, 10% silt), fine- to medium-grained sand, brown, moist, no odor.	SP-SM	0.0	T3-050708-2-C	
		Silty SAND (90% sand, 5% silt, 5% gravel), medium-grained sand, brown, moist, no odor.	SP	0.0	T3-050708-4-NE	
5		Silty SAND (90% sand, 5% silt, 5% gravel), medium-grained sand, brown, moist, no odor.	SP	0.0	T3-050708-6-SW	
				5.1	T3-050708-8-SW T3-050708-8-NE	X X

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T4

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started:	5/7/08 1015	**Sampler Type:**	5035 and bucket
Date/Time Completed:	5/7/08 1200	**Depth of Water (ft bgs):**	8
Equipment:	Deere 310G	**Total Excavation Depth (ft bgs):**	8
Excavating Company:	Glacier Environmental		
Excavating Foreman:	Stacey Tolbert		
Excavating Method:	Backhoe		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (90% sand, 5% silt, 5% gravel), fine- to medium-grained sand, brown, moist, no odor.	SP	0.0		
		Silty SAND (90% sand, 5% silt, 5% gravel), fine- to medium-grained sand, brown, moist, no odor.	SP	0.0	T4-050708-2-S	
		SAND with gravel (90% sand, 10% gravel), medium- to coarse-grained sand, black/brown, moist, strong odor.	SP	1.3	T4-050708-4-N	
5		Gravelly SAND (85% sand, 10% silt, 5% gravel) medium- to coarse-grained sand, black, moist, strong odor, sheen.	SP-SM	12.7	T4-050708-6-N	
				19.6	T4-050708-8-S T4-050708-8-N	X X
10						

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-5

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started: 5/6/08 1010
Date/Time Completed: 5/6/08 120
Equipment: DEere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Stacey Tolbert
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 9
Total Excavation Depth (ft bgs): 9

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (85% sand, 10% silt, 5% gravel, cobbles) fine- to medium-grained sand, brown to grey, moist, no odor.	SP-SM	0.0		
		Silty SAND (85% sand, 10% silt, 5% gravel) fine- to medium-grained sand, brown, moist, no odor.	SP-SM	0.1	T5-050608-2-C	
		SAND with gravel (85% sand, 10% gravel, 5% silt) medium- to coarse-grained sand, grey, moist, odor.	SP	0.7	T5-050608-4-SW	
5		SAND with gravel (85% sand, 10% gravel, 5% silt) medium- to coarse-grained sand, grey, moist, odor.	SP	0.0	T5-050608-6-C	
				0.0	T5-050608-8-NE T5-050608-8-SW T5-050608-8-W	X X X

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-6

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started: 05/07/08 1245
Date/Time Completed: 05/07/08 1420
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Stacey Tobert
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 10.5
Total Excavation Depth (ft bgs): 10.5

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (85% sand, 10% silt, 5% gravel) fine- to medium-grained sand, brown, moist, no odor.	SP-SM	0.2		
		Silty SAND (85% sand, 5% silt, 10% gravel) medium-grained sand, brown, moist, no odor, concrete observed in soil.	SP	0.0	T6-050708-2-N	
5		Gravelly SAND (85% sand, 15% gravel) medium- to coarse-grained sand, brown, moist, no odor.	SP	0.0	T6-050708-4-S	
		Gravelly SAND (80% sand, 15% gravel, 5% silt) medium- to coarse-grained sand, black, moist, strong odor, sticky tar-like substance observed.	SP	57.8	T6-050708-6-N	
		Gravelly SAND (80% sand, 15% gravel, 5% silt) medium- to coarse-grained sand, black, moist, strong odor, sticky tar-like substance observed.	SP	32.5	T6-050708-8-S	X
10					T6-050708-10-N	X

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-7

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started: 05/08/08 0900
Date/Time Completed: 05/08/08 1050
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Stacey Tolbert
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 10
Total Excavation Depth (ft bgs): 10

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (85% sand, 10% silt, 5% gravel) fine- to medium-grained sand, brown, moist, no odor.	SP-SM	0.0		
		Silty SAND (85% sand, 10% silt, 5% gravel) medium- to coarse-grained sand, brown, moist, slight odor.	SP-SM	1.7	T7-050808-2-S	
5		SAND with gravel (85% sand, 10% gravel, 5% silt) medium- to coarse-grained sand, brown, moist, slight odor.	SP	0.0	T7-050808-4-N	
		SAND with gravel (75% sand, 25% gravel) medium- to coarse-grained sand, black, moist, strong odor	SP	61.8	T7-050808-6-S	
10				16.8	T7-050808-8-S T7-050808-8-N	X X

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Test Pit: T-8

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: J. Ruark

Date/Time Started: 0508/08 1100
Date/Time Completed: 05/08/0/ 1220
Equipment: Deere 310G
Excavating Company: Glacier Environmental
Excavating Foreman: Stacey Tolbert
Excavating Method: Backhoe
Sampler Type: 5035 and bucket
Depth of Water (ft bgs): 6.5
Total Excavation Depth (ft bgs): 6.5

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	PID (ppm)	Sample ID	Sample Analyzed
0		Silty SAND (85% sand, 15% silt) fine- to medium-grained sand, brown moist, no odor.	SM	0.9		
		Silty SAND (80% sand, 20% silt) fine-grained sand, brown, moist, no odor.	SM	0.3	T8-050808-2-SW	
		Gravelly SAND (85% sand, 15% gravel) medium- to coarse-grained sand, grey, moist, no odor.	SP	0.0	T8-050808-4-NE	
5				0.0	T8-050808-6-SW T8-050808-6-NE	X X

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: MW1

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: T. Adams

Date/Time Started:	7/29/08 1530	**Sampler Type:**	D&M 18"
Date/Time Completed:	7/29/08 1620	**Drive Hammer (lbs.):**	
Equipment:	Mini Rae 2000 PID	**Depth of Water ATD (ft bgs):**	14
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	18
Drilling Foreman:	Scott Krueger	**Total Well Depth (ft bgs):**	18
Drilling Method:	Hollow-Stem Auger		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0						NA	0.0			
		Well-graded SAND with gravel 80% sand 20% gravel, sand ranges from fine to coarse predominantly coarse, light brown, gravels are subangular, dry, no odor, no sheen, grass found in sample.	SW		50	18/20/20	0.8			
5		Well-graded SAND 100% sand ranging from medium to coarse predominantly medium grained, dark grey with one 20mm band of light brown, moist, no odor, no sheen, some burnt wood found in sample.	SW		60	6/6/7	0.8			
		Well-graded SAND 100% sand ranging from medium to coarse predominantly medium grained, dark grey, moist, no odor, no sheen.	SW		90	6/26/28	1.6			
10		Well-graded SAND 100% sand, sand ranges from medium to coarse predominantly medium, black, wet, strong odor, definite sheen, brown staining, amber colored "syrup" looking material, wood chunks also found in sample.	SW		70	35/50	38.1	MW1-10-072908	X	
		Well-graded SAND 100% sand, sand ranges from medium to coarse predominantly medium, black, wet, moderate odor, definite sheen, brown staining.	SW		10	28/50	13.5			
15		Well-graded SAND 100% sand, sand ranges from medium to coarse predominantly medium, black, wet, moderate odor, definite sheen, brown staining.	SW		10	34/50	5.1			
		Well-graded SAND 100% sand, sand ranges from medium to coarse predominantly medium, black, wet, moderate odor, definite sheen, brown staining.	SW		100	50	6.7	MW1-17.5-072908	X	
20										

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2"
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 8-18
Filter Pack: 2/12 Lapis Luster Cemex Sand
Surface Seal: Asphalt
Annular Seal: Bentonite chips & concrete
Ground Surface Elevation (ft):
Top of Casing Elevation (ft):
Boring Abandonment: NA
Surveyed Location: X: Y:

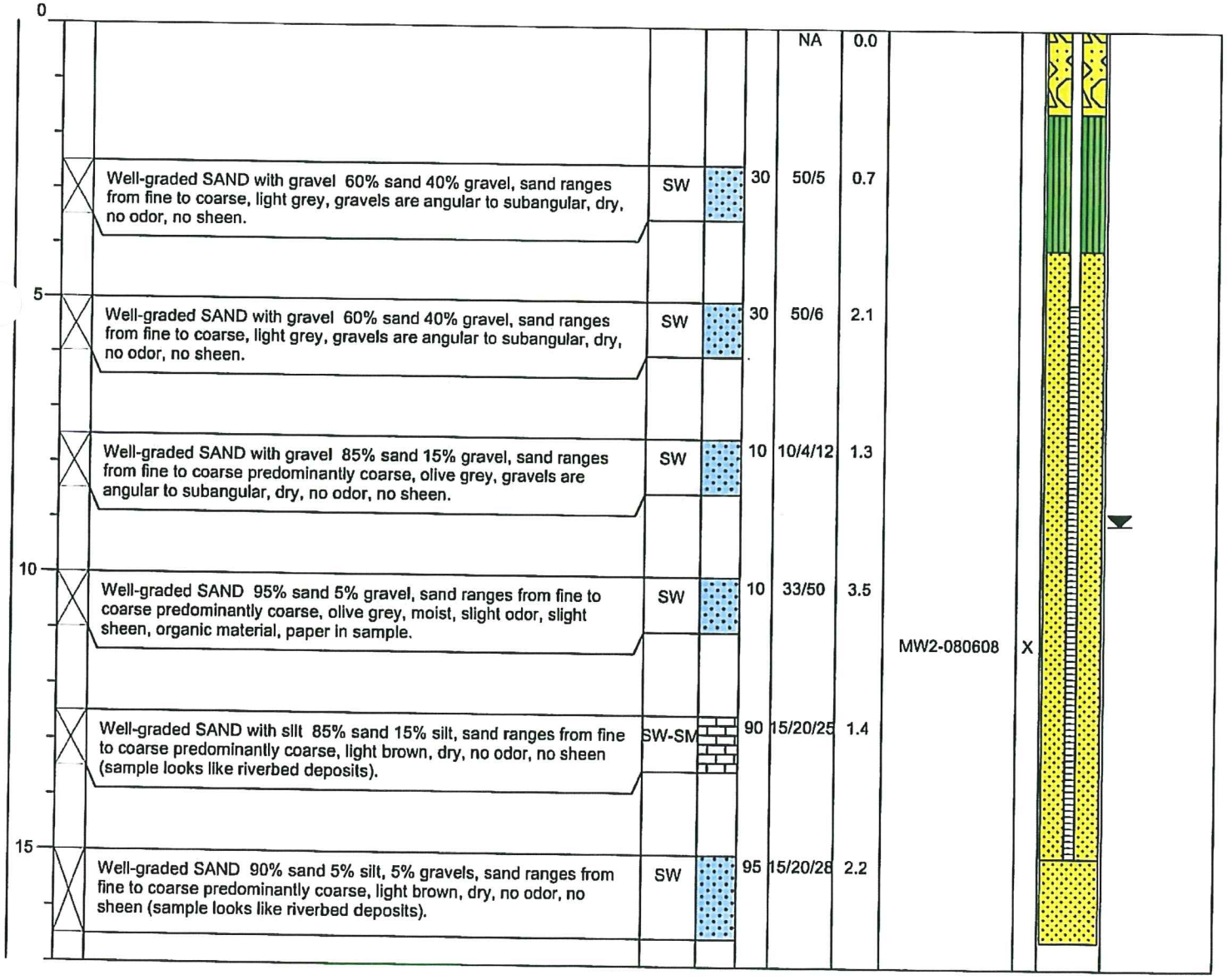
FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: MW2

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: T. Adams

Date/Time Started:	7/29/08 1003	Sampler Type:	D&M 18"
Date/Time Completed:	7/29/08 1048	Drive Hammer (lbs.):	
Equipment:	Mini Rae 2000 PID	Depth of Water ATD (ft bgs):	9
Drilling Company:	Cascade Drilling	Total Boring Depth (ft bgs):	16.5
Drilling Foreman:	Scott Krueger	Total Well Depth (ft bgs):	15
Drilling Method:	Hollow-Stem Auger		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0						NA	0.0			
		Well-graded SAND with gravel 60% sand 40% gravel, sand ranges from fine to coarse, light grey, gravels are angular to subangular, dry, no odor, no sheen.	SW		30	50/5	0.7			
5		Well-graded SAND with gravel 60% sand 40% gravel, sand ranges from fine to coarse, light grey, gravels are angular to subangular, dry, no odor, no sheen.	SW		30	50/6	2.1			
		Well-graded SAND with gravel 85% sand 15% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, dry, no odor, no sheen.	SW		10	10/4/12	1.3			
10		Well-graded SAND 95% sand 5% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, moist, slight odor, slight sheen, organic material, paper in sample.	SW		10	33/50	3.5	MW2-080608	X	
		Well-graded SAND with silt 85% sand 15% silt, sand ranges from fine to coarse predominantly coarse, light brown, dry, no odor, no sheen (sample looks like riverbed deposits).	SW-SM		90	15/20/25	1.4			
15		Well-graded SAND 90% sand 5% silt, 5% gravels, sand ranges from fine to coarse predominantly coarse, light brown, dry, no odor, no sheen (sample looks like riverbed deposits).	SW		95	15/20/28	2.2			



Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2"
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5-15
Filter Pack: 2/12 Lapis Luster Cemex Sand
Surface Seal: Asphalt
Annular Seal: Bentonite chips & concrete
Ground Surface Elevation (ft):
Top of Casing Elevation (ft):
Boring Abandonment: NA
Surveyed Location: X: Y:

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: MW3

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: T. Adams

Date/Time Started:	7/29/08 1152	**Sampler Type:**	D&M 18"
Date/Time Completed:	7/29/08 1220	**Drive Hammer (lbs.):**	
Equipment:	Mini Rae 2000 PID	**Depth of Water ATD (ft bgs):**	8
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	16
Drilling Foreman:	Scott Krueger	**Total Well Depth (ft bgs):**	15
Drilling Method:	Hollow-Stem Auger		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 6/6/6	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0						NA	0.0			
		Poorly-graded SAND with gravel 85% sand 15% gravel, sand ranges from fine to coarse predominantly coarse, olive grey with bands of light brown, gravels are angular to subangular, dry, no odor, no sheen, asphalt chunks found in sample.	SP		80	25/15/10	3.4			
5		Well-graded SAND with gravel 85% sand 15% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, dry, no odor, no sheen.	SW		45	15/50	-			
		Well-graded SAND with gravel 75% sand 25% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, wet, slight odor, slight sheen.	SW		45	25/10/10	-			
10		Well-graded SAND with gravel 75% sand 25% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, wet, slight odor, slight sheen.	SW		55	25/27/30	3.1	MW3-080608	X	
		Well-graded SAND with gravel 75% sand 25% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, wet, slight odor, slight sheen.	SW		30	26/50	2.5			
15		Well-graded SAND with gravel 75% sand 25% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, wet, slight odor, slight sheen.	SW		50	50	3.2			

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2"
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5-15
Filter Pack: 2/12 Lapis Luster Cemex Sand
Surface Seal: Asphalt
Annular Seal: Bentonite chips & concrete
Ground Surface Elevation (ft):
Top of Casing Elevation (ft):
Boring Abandonment: NA
Surveyed Location: X: Y:

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: MW4

Client: BNSF
Project: John Michael Lease Site
Location: Cashmere, WA
Farallon PN: 683-018
Logged By: T. Adams

Date/Time Started:	7/29/08 1345	**Sampler Type:**	D&M 18"
Date/Time Completed:	7/29/08 1418	**Drive Hammer (lbs.):**	
Equipment:	Mini Rae 2000 PID	**Depth of Water ATD (ft bgs):**	6.5
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	16
Drilling Foreman:	Scott Krueger	**Total Well Depth (ft bgs):**	15
Drilling Method:	Hollow-Stem Auger		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0						NA	0.0			
		Well-graded SAND 90% sand 10% gravel, sand ranges from fine to coarse predominantly coarse, light brown, gravels are subangular, dry, no odor, no sheen.	SW		100	4/2/4	3.1			
5		Well-graded SAND with gravel 65% sand 35% gravel, sand ranges from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, wet, no odor, no sheen.	SW		50	22/25/20	1.7	MW4-5-072908	X	
		Well-graded SAND with gravel 80% sand 20% gravel, sand grades from fine to coarse predominantly coarse, olive grey, gravels are angular to subangular, saturated, slight odor, slight sheen.	SW		30	50	1.4			
10		Well-graded SAND 100% sand, sand ranges from fine to coarse predominantly coarse, olive grey, wet, no odor, no sheen.	SW		20	20/23/28	3.8	MW4-080608	X	
		Well-graded SAND 90% sand, 10% silt, sand ranges from fine to coarse predominantly coarse, olive grey, wet, no odor, no sheen.	SW		10	25/30/32	2.6			
15		Well-graded SAND 90% sand, 10% silt, sand ranges from fine to coarse predominantly coarse, olive grey, wet, no odor, no sheen.	SW		50	50	1.8			

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2"
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5-15
Filter Pack: 2/12 Lapis Luster Cemex Sand
Surface Seal: Asphalt
Annular Seal: Bentonite chips & concrete
Ground Surface Elevation (ft):
Top of Casing Elevation (ft):
Boring Abandonment: NA
Surveyed Location: X: Y:

APPENDIX B
LABORATORY ANALYTICAL REPORTS

SUBSURFACE INVESTIGATION REPORT
John Michael Lease Site
5640 Sunset Highway
Cashmere, Washington

Farallon PN: 683-018

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

October 15, 2007

Tom Cammaratta
Farallon Consulting LLC
975 5th Ave NW Ste 100
Issaquah, WA/USA 98027

RE: BNSF - John Michael Lease Site

Enclosed are the results of analyses for samples received by the laboratory on 09/25/07 09:30. The following list is a summary of the Work Orders contained in this report, generated on 10/15/07 16:22.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
BQI0581	BNSF - John Michael Lease Si	683-018

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP1-092007-0-2	BQI0581-01	Soil	09/20/07 09:20	09/25/07 09:30
TP1-092007-6-8	BQI0581-04	Soil	09/20/07 09:55	09/25/07 09:30
TP2-092007-2-4	BQI0581-06	Soil	09/20/07 11:10	09/25/07 09:30
TP2-092007-6-8	BQI0581-08	Soil	09/20/07 12:00	09/25/07 09:30
TP3-092007-2-4	BQI0581-10	Soil	09/20/07 12:45	09/25/07 09:30
TP3-092007-4-6	BQI0581-11	Soil	09/20/07 12:50	09/25/07 09:30
TP4-092007-4-6	BQI0581-15	Soil	09/20/07 13:25	09/25/07 09:30
TP4-092007-6-8	BQI0581-16	Soil	09/20/07 13:30	09/25/07 09:30
TP5-092007-2-4	BQI0581-18	Soil	09/20/07 14:20	09/25/07 09:30
TP5-092007-6-8	BQI0581-20	Soil	09/20/07 14:35	09/25/07 09:30
TP6-092007-4-6	BQI0581-23	Soil	09/20/07 15:00	09/25/07 09:30
TP6-092007-6-8	BQI0581-24	Soil	09/20/07 15:05	09/25/07 09:30
TP7-092007-2-4	BQI0581-26	Soil	09/20/07 15:35	09/25/07 09:30
TP7-092007-4-6	BQI0581-27	Soil	09/20/07 15:45	09/25/07 09:30
TP8-092007-2-4	BQI0581-30	Soil	09/20/07 16:30	09/25/07 09:30
TP8-092007-6-8	BQI0581-32	Soil	09/20/07 16:45	09/25/07 09:30
TP9-092007-2-4	BQI0581-34	Soil	09/20/07 17:15	09/25/07 09:30
TP9-092007-6-8	BQI0581-36	Soil	09/20/07 17:25	09/25/07 09:30
TP10-092007-2-4	BQI0581-38	Soil	09/20/07 17:45	09/25/07 09:30
TP10-092007-6-8	BQI0581-40	Soil	09/20/07 17:55	09/25/07 09:30
TP11-092007-2-4	BQI0581-42	Soil	09/20/07 18:15	09/25/07 09:30
TP11-092007-4-6	BQI0581-43	Soil	09/20/07 18:20	09/25/07 09:30
TP12-092107-4-6	BQI0581-47	Soil	09/21/07 06:50	09/25/07 09:30
TP12-092107-6-8	BQI0581-48	Soil	09/21/07 06:55	09/25/07 09:30
TP13-092107-0-2	BQI0581-49	Soil	09/21/07 07:40	09/25/07 09:30
TP13-092107-6-8	BQI0581-52	Soil	09/21/07 07:55	09/25/07 09:30
TP14-092107-4-6	BQI0581-55	Soil	09/21/07 08:35	09/25/07 09:30
TP14-092107-6-8	BQI0581-56	Soil	09/21/07 08:40	09/25/07 09:30
TP15-092107-0-2	BQI0581-57	Soil	09/21/07 09:10	09/25/07 09:30
TP15-092107-4-6	BQI0581-59	Soil	09/21/07 09:20	09/25/07 09:30

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Analytical Case Narrative

TestAmerica - Seattle, WA

BQI0581

SAMPLE RECEIPT

The samples were received September 25th, 2007 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 10.0 degrees Celsius.

PREPARATIONS AND ANALYSIS

Polyaromatic Hydrocarbons by EPA 8270 SIM: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Extractable Petroleum Hydrocarbons: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-01 (TP1-092007-0-2)		**Soil**			**Sampled: 09/20/07 09:20**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00330	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 11:04	
Acenaphthylene	"	ND	-----	0.00330	"	"	"	"	"	
Anthracene	"	ND	-----	0.00330	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00330	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00330	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00330	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00330	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00330	"	"	"	"	"	
Chrysene	"	**0.00761**	-----	0.00330	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00330	"	"	"	"	"	
Fluoranthene	"	**0.00728**	-----	0.00330	"	"	"	"	"	
Fluorene	"	ND	-----	0.00330	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00330	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00330	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00330	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00330	"	"	"	"	"	
Phenanthrene	"	**0.00628**	-----	0.00330	"	"	"	"	"	
Pyrene	"	**0.00728**	-----	0.00330	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*62%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*72%*		*19 - 106 %*	"			"	
Terphenyl-d14			*79%*		*24 - 129 %*	"			"	
BQI0581-04RE2 (TP1-092007-6-8)		**Soil**			**Sampled: 09/20/07 09:55**					
Acenaphthene	SW846 8270CSIM	ND	-----	8.28	mg/kg	500x	7095602	10/01/07 12:15	10/03/07 13:30	RL1
Acenaphthylene	"	ND	-----	8.28	"	"	"	"	"	RL1
Anthracene	"	ND	-----	8.28	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	-----	8.28	"	"	"	"	"	RL1
Benzo (a) pyrene	"	ND	-----	8.28	"	"	"	"	"	RL1
Benzo (b) fluoranthene	"	ND	-----	8.28	"	"	"	"	"	RL1
Benzo (g,h,i) perylene	"	ND	-----	8.28	"	"	"	"	"	RL1
Benzo (k) fluoranthene	"	ND	-----	8.28	"	"	"	"	"	RL1
Chrysene	"	ND	-----	8.28	"	"	"	"	"	RL1
Dibenz (a,h) anthracene	"	ND	-----	8.28	"	"	"	"	"	RL1
Fluoranthene	"	ND	-----	8.28	"	"	"	"	"	RL1
Fluorene	"	ND	-----	8.28	"	"	"	"	"	RL1
Indeno (1,2,3-cd) pyrene	"	ND	-----	8.28	"	"	"	"	"	RL1
1-Methylnaphthalene	"	ND	-----	8.28	"	"	"	"	"	RL1
2-Methylnaphthalene	"	ND	-----	8.28	"	"	"	"	"	RL1
Naphthalene	"	ND	-----	8.28	"	"	"	"	"	RL1
Phenanthrene	"	ND	-----	8.28	"	"	"	"	"	RL1

TestAmerica - Seattle, WA

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-04RE2 (TP1-092007-6-8)		**Soil**			**Sampled: 09/20/07 09:55**					
Pyrene	SW846 8270CSIM	ND	-----	8.28	mg/kg	500x	7095602	10/01/07 12:15	10/03/07 13:30	RL1
Surrogate(s): Nitrobenzene-d5			*NR*		*16 - 113 %*	"			"	*Z3*
2-Fluorobiphenyl			*NR*		*19 - 106 %*	"			"	*Z3*
Terphenyl-d14			*NR*		*24 - 129 %*	"			"	*Z3*
BQI0581-06RE1 (TP2-092007-2-4)		**Soil**			**Sampled: 09/20/07 11:10**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.0156	mg/kg	5x	7095602	10/01/07 12:15	10/03/07 10:49	
Acenaphthylene	"	ND	-----	0.0156	"	"	"	"	"	
Anthracene	"	ND	-----	0.0156	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0313**	-----	0.0156	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0282**	-----	0.0156	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0642**	-----	0.0156	"	"	"	"	"	
Benzo (g,h,i)'perylene	"	**0.0188**	-----	0.0156	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.0282**	-----	0.0156	"	"	"	"	"	
Chrysene	"	**0.0360**	-----	0.0156	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0156	"	"	"	"	"	
Fluoranthene	"	**0.0407**	-----	0.0156	"	"	"	"	"	
Fluorene	"	ND	-----	0.0156	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0188**	-----	0.0156	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0156	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0156	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0156	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0156	"	"	"	"	"	
Pyrene	"	**0.0391**	-----	0.0156	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*40%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*70%*		*19 - 106 %*	"			"	
Terphenyl-d14			*100%*		*24 - 129 %*	"			"	
BQI0581-08RE2 (TP2-092007-6-8)		**Soil**			**Sampled: 09/20/07 12:00**					
Acenaphthene	SW846 8270CSIM	ND	-----	8.22	mg/kg	500x	7095602	10/01/07 12:15	10/03/07 13:51	RL1
Acenaphthylene	"	ND	-----	8.22	"	"	"	"	"	RL1
Anthracene	"	ND	-----	8.22	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	-----	8.22	"	"	"	"	"	RL1
Benzo (a) pyrene	"	ND	-----	8.22	"	"	"	"	"	RL1
Benzo (b) fluoranthene	"	ND	-----	8.22	"	"	"	"	"	RL1
Benzo (g,h,i) perylene	"	ND	-----	8.22	"	"	"	"	"	RL1
Benzo (k) fluoranthene	"	ND	-----	8.22	"	"	"	"	"	RL1
Chrysene	"	ND	-----	8.22	"	"	"	"	"	RL1

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-08RE2 (TP2-092007-6-8)		**Soil**			**Sampled: 09/20/07 12:00**					
Dibenz (a,h) anthracene	SW846 8270CSIM	ND	-----	8.22	mg/kg	500x	7095602	10/01/07 12:15	10/03/07 13:51	RL1
Fluoranthene	"	ND	-----	8.22	"	"	"	"	"	RL1
Fluorene	"	ND	-----	8.22	"	"	"	"	"	RL1
Indeno (1,2,3-cd) pyrene	"	ND	-----	8.22	"	"	"	"	"	RL1
1-Methylnaphthalene	"	ND	-----	8.22	"	"	"	"	"	RL1
2-Methylnaphthalene	"	ND	-----	8.22	"	"	"	"	"	RL1
Naphthalene	"	ND	-----	8.22	"	"	"	"	"	RL1
Phenanthrene	"	ND	-----	8.22	"	"	"	"	"	RL1
Pyrene	"	ND	-----	8.22	"	"	"	"	"	RL1
Surrogate(s): Nitrobenzene-d5			*NR*		*16 - 113 %*	"			"	*Z3*
2-Fluorobiphenyl			*NR*		*19 - 106 %*	"			"	*Z3*
Terphenyl-d14			*NR*		*24 - 129 %*	"			"	*Z3*
BQI0581-10 (TP3-092007-2-4)		**Soil**			**Sampled: 09/20/07 12:45**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00326	mg/kg	1x	7095602	10/01/07 12:15	10/03/07 09:25	
Acenaphthylene	"	ND	-----	0.00326	"	"	"	"	"	
Anthracene	"	ND	-----	0.00326	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00326	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00326	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.00424**	-----	0.00326	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.00456**	-----	0.00326	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.00456**	-----	0.00326	"	"	"	"	"	
Chrysene	"	**0.00522**	-----	0.00326	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00326	"	"	"	"	"	
Fluoranthene	"	**0.00684**	-----	0.00326	"	"	"	"	"	
Fluorene	"	ND	-----	0.00326	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.00326**	-----	0.00326	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00326	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00326	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00326	"	"	"	"	"	
Phenanthrene	"	**0.00522**	-----	0.00326	"	"	"	"	"	
Pyrene	"	**0.00619**	-----	0.00326	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*43%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*55%*		*19 - 106 %*	"			"	
Terphenyl-d14			*65%*		*24 - 129 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-11 (TP3-092007-4-6)		**Soil**			**Sampled: 09/20/07 12:50**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00327	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 19:50	
Acenaphthylene	"	ND	-----	0.00327	"	"	"	"	"	
Anthracene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00327	"	"	"	"	"	
Chrysene	"	ND	-----	0.00327	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00327	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.00327	"	"	"	"	"	
Fluorene	"	ND	-----	0.00327	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00327	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00327	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00327	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00327	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.00327	"	"	"	"	"	
Pyrene	"	ND	-----	0.00327	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*56%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*61%*		*19 - 106 %*	"			"	
Terphenyl-d14			*87%*		*24 - 129 %*	"			"	
BQI0581-15 (TP4-092007-4-6)		**Soil**			**Sampled: 09/20/07 13:25**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00316	mg/kg	1x	7095602	10/01/07 12:15	10/03/07 09:46	
Acenaphthylene	"	ND	-----	0.00316	"	"	"	"	"	
Anthracene	"	ND	-----	0.00316	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00316	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00316	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.00411**	-----	0.00316	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.00316**	-----	0.00316	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.00348**	-----	0.00316	"	"	"	"	"	
Chrysene	"	**0.00411**	-----	0.00316	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00316	"	"	"	"	"	
Fluoranthene	"	**0.00506**	-----	0.00316	"	"	"	"	"	
Fluorene	"	ND	-----	0.00316	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00316	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00316	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00316	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00316	"	"	"	"	"	
Phenanthrene	"	**0.00411**	-----	0.00316	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-15 (TP4-092007-4-6)		**Soil**			**Sampled: 09/20/07 13:25**					
Pyrene	SW846 8270CSIM	**0.00537**	-----	0.00316	mg/kg	1x	7095602	10/01/07 12:15	10/03/07 09:46	
Surrogate(s): Nitrobenzene-d5			*59%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*70%*		*19 - 106 %*	"			"	
Terphenyl-d14			*72%*		*24 - 129 %*	"			"	
BQI0581-16 (TP4-092007-6-8)		**Soil**			**Sampled: 09/20/07 13:30**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00327	mg/kg	1x	7095602	10/01/07 12:15	10/03/07 10:07	
Acenaphthylene	"	ND	-----	0.00327	"	"	"	"	"	
Anthracene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.00392**	-----	0.00327	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00327	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00327	"	"	"	"	"	
Chrysene	"	**0.00327**	-----	0.00327	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00327	"	"	"	"	"	
Fluoranthene	"	**0.00360**	-----	0.00327	"	"	"	"	"	
Fluorene	"	ND	-----	0.00327	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00327	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00327	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00327	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00327	"	"	"	"	"	
Phenanthrene	"	**0.00360**	-----	0.00327	"	"	"	"	"	
Pyrene	"	**0.00392**	-----	0.00327	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*63%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*69%*		*19 - 106 %*	"			"	
Terphenyl-d14			*72%*		*24 - 129 %*	"			"	
BQI0581-18 (TP5-092007-2-4)		**Soil**			**Sampled: 09/20/07 14:20**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00320	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 20:53	
Acenaphthylene	"	ND	-----	0.00320	"	"	"	"	"	
Anthracene	"	ND	-----	0.00320	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00320	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00320	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00320	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00320	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00320	"	"	"	"	"	
Chrysene	"	ND	-----	0.00320	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-18 (TP5-092007-2-4)		**Soil**			**Sampled: 09/20/07 14:20**					
Dibenz (a,h) anthracene	SW846 8270CSIM	ND	-----	0.00320	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 20:53	
Fluoranthene	"	**0.00352**	-----	0.00320	"	"	"	"	"	
Fluorene	"	ND	-----	0.00320	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00320	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00320	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00320	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00320	"	"	"	"	"	
Phenanthrene	"	**0.00320**	-----	0.00320	"	"	"	"	"	
Pyrene	"	**0.00352**	-----	0.00320	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*56%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*62%*		*19 - 106 %*	"			"	
Terphenyl-d14			*86%*		*24 - 129 %*	"			"	
BQI0581-20 (TP5-092007-6-8)		**Soil**			**Sampled: 09/20/07 14:35**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00332	mg/kg	1x	7095602	10/01/07 12:15	10/03/07 10:28	
Acenaphthylene	"	ND	-----	0.00332	"	"	"	"	"	
Anthracene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00332	"	"	"	"	"	
Chrysene	"	ND	-----	0.00332	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00332	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.00332	"	"	"	"	"	
Fluorene	"	ND	-----	0.00332	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00332	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00332	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00332	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00332	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.00332	"	"	"	"	"	
Pyrene	"	ND	-----	0.00332	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*57%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*62%*		*19 - 106 %*	"			"	
Terphenyl-d14			*68%*		*24 - 129 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-23 (TP6-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:00**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00328	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 14:35	
Acenaphthylene	"	ND	-----	0.00328	"	"	"	"	"	
Anthracene	"	ND	-----	0.00328	"	"	"	"	"	
Benzo (a) anthracene	"	**0.00426**	-----	0.00328	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00328	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00328	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00328	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00328	"	"	"	"	"	
Chrysene	"	**0.00623**	-----	0.00328	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00328	"	"	"	"	"	
Fluoranthene	"	**0.00459**	-----	0.00328	"	"	"	"	"	
Fluorene	"	ND	-----	0.00328	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00328	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00328	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00328	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00328	"	"	"	"	"	
Phenanthrene	"	**0.00328**	-----	0.00328	"	"	"	"	"	
Pyrene	"	**0.00951**	-----	0.00328	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*55%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*61%*		*19 - 106 %*	"			"	
Terphenyl-d14			*85%*		*24 - 129 %*	"			"	
BQI0581-24 (TP6-092007-6-8)		**Soil**			**Sampled: 09/20/07 15:05**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00323	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 17:00	
Acenaphthylene	"	ND	-----	0.00323	"	"	"	"	"	
Anthracene	"	ND	-----	0.00323	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00323	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00323	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00323	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00323	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00323	"	"	"	"	"	
Chrysene	"	**0.00355**	-----	0.00323	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00323	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.00323	"	"	"	"	"	
Fluorene	"	ND	-----	0.00323	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00323	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00323	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00323	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00323	"	"	"	"	"	
Phenanthrene	"	**0.00355**	-----	0.00323	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-24 (TP6-092007-6-8)		**Soil**			**Sampled: 09/20/07 15:05**					
Pyrene	SW846 8270CSIM	**0.00355**	-----	0.00323	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 17:00	
Surrogate(s): Nitrobenzene-d5			*60%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*62%*		*19 - 106 %*	"			"	
Terphenyl-d14			*66%*		*24 - 129 %*	"			"	
BQI0581-26 (TP7-092007-2-4)		**Soil**			**Sampled: 09/20/07 15:35**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00333	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 17:22	
Acenaphthylene	"	ND	-----	0.00333	"	"	"	"	"	
Anthracene	"	ND	-----	0.00333	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00333	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00333	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.00366**	-----	0.00333	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.00566**	-----	0.00333	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00333	"	"	"	"	"	
Chrysene	"	ND	-----	0.00333	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00333	"	"	"	"	"	
Fluoranthene	"	**0.00366**	-----	0.00333	"	"	"	"	"	
Fluorene	"	ND	-----	0.00333	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00333	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00333	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00333	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00333	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.00333	"	"	"	"	"	
Pyrene	"	**0.00399**	-----	0.00333	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*59%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*66%*		*19 - 106 %*	"			"	
Terphenyl-d14			*71%*		*24 - 129 %*	"			"	
BQI0581-27RE1 (TP7-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:45**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.0323	mg/kg	10x	7095602	10/01/07 12:15	10/03/07 14:55	
Acenaphthylene	"	ND	-----	0.0323	"	"	"	"	"	
Anthracene	"	ND	-----	0.0323	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0323	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0323	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0323	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.0323	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0323	"	"	"	"	"	
Chrysene	"	ND	-----	0.0323	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0323	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-27RE1 (TP7-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:45**					
Fluoranthene	SW846 8270CSIM	**0.0420**	-----	0.0323	mg/kg	10x	7095602	10/01/07 12:15	10/03/07 14:55	
Fluorene	"	ND	-----	0.0323	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0323	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0323	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0323	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0323	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0323	"	"	"	"	"	
Pyrene	"	**0.0420**	-----	0.0323	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*60%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*60%*		*19 - 106 %*	"			"	
Terphenyl-d14			*70%*		*24 - 129 %*	"			"	
BQI0581-30 (TP8-092007-2-4)		**Soil**			**Sampled: 09/20/07 16:30**					
Acenaphthene	SW846 8270CSIM	**0.0408**	-----	0.00324	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 18:04	
Acenaphthylene	"	ND	-----	0.00324	"	"	"	"	"	
Anthracene	"	**0.0479**	-----	0.00324	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0155**	-----	0.00324	"	"	"	"	"	
Benzo (a) pyrene	"	**0.00615**	-----	0.00324	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0107**	-----	0.00324	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.00324**	-----	0.00324	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.00939**	-----	0.00324	"	"	"	"	"	
Chrysene	"	**0.0152**	-----	0.00324	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00324	"	"	"	"	"	
Fluoranthene	"	**0.105**	-----	0.00324	"	"	"	"	"	
Fluorene	"	**0.0576**	-----	0.00324	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.00324**	-----	0.00324	"	"	"	"	"	
1-Methylnaphthalene	"	**0.00551**	-----	0.00324	"	"	"	"	"	
2-Methylnaphthalene	"	**0.00648**	-----	0.00324	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00324	"	"	"	"	"	
Phenanthrene	"	**0.166**	-----	0.00324	"	"	"	"	"	
Pyrene	"	**0.0703**	-----	0.00324	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*56%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*61%*		*19 - 106 %*	"			"	
Terphenyl-d14			*67%*		*24 - 129 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

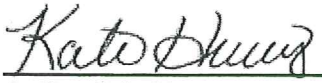
Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-32RE1 (TP8-092007-6-8)		**Soil**			**Sampled: 09/20/07 16:45**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.0325	mg/kg	10x	7095602	10/01/07 12:15	10/03/07 15:16	
Acenaphthylene	"	ND	-----	0.0325	"	"	"	"	"	
Anthracene	"	ND	-----	0.0325	"	"	"	"	"	
Benzo (a) anthracene	"	**0.163**	-----	0.0325	"	"	"	"	"	
Benzo (a) pyrene	"	**0.130**	-----	0.0325	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.264**	-----	0.0325	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.0391**	-----	0.0325	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.117**	-----	0.0325	"	"	"	"	"	
Chrysene	"	**0.202**	-----	0.0325	"	"	"	"	"	
Dibenz (a,h) anthracene	"	**0.0391**	-----	0.0325	"	"	"	"	"	
Fluoranthene	"	**0.208**	-----	0.0325	"	"	"	"	"	
Fluorene	"	ND	-----	0.0325	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0358**	-----	0.0325	"	"	"	"	"	
1-Methylnaphthalene	"	**0.0456**	-----	0.0325	"	"	"	"	"	
2-Methylnaphthalene	"	**0.0488**	-----	0.0325	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0325	"	"	"	"	"	
Phenanthrene	"	**0.107**	-----	0.0325	"	"	"	"	"	
Pyrene	"	**0.221**	-----	0.0325	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*70%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*70%*		*19 - 106 %*	"			"	
Terphenyl-d14			*60%*		*24 - 129 %*	"			"	
BQI0581-34 (TP9-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:15**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00332	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 18:47	
Acenaphthylene	"	ND	-----	0.00332	"	"	"	"	"	
Anthracene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00332	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00332	"	"	"	"	"	
Chrysene	"	ND	-----	0.00332	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00332	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.00332	"	"	"	"	"	
Fluorene	"	ND	-----	0.00332	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00332	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00332	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00332	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00332	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.00332	"	"	"	"	"	

TestAmerica - Seattle, WA



Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-34 (TP9-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:15**					
Pyrene	SW846 8270CSIM	ND	-----	0.00332	mg/kg	1x	7095602	10/01/07 12:15	10/02/07 18:47	
Surrogate(s): Nitrobenzene-d5			*54%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*61%*		*19 - 106 %*	"			"	
Terphenyl-d14			*79%*		*24 - 129 %*	"			"	
BQI0581-36RE2 (TP9-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:25**					
Acenaphthene	SW846 8270CSIM	ND	-----	16.6	mg/kg	250x	7095602	10/01/07 12:15	10/03/07 14:12	**RL1**
Acenaphthylene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Anthracene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Benzo (a) anthracene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Benzo (a) pyrene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Benzo (b) fluoranthene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Benzo (g,h,i) perylene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Benzo (k) fluoranthene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Chrysene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Dibenz (a,h) anthracene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Fluoranthene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Fluorene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Indeno (1,2,3-cd) pyrene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
1-Methylnaphthalene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
2-Methylnaphthalene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Naphthalene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Phenanthrene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Pyrene	"	ND	-----	16.6	"	"	"	"	"	**RL1**
Surrogate(s): Nitrobenzene-d5			*NR*		*16 - 113 %*	"			"	***Z3***
2-Fluorobiphenyl			*NR*		*19 - 106 %*	"			"	***Z3***
Terphenyl-d14			*NR*		*24 - 129 %*	"			"	***Z3***
BQI0581-38RE1 (TP10-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:45**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.0330	mg/kg	10x	7095602	10/01/07 12:15	10/03/07 13:09	
Acenaphthylene	"	ND	-----	0.0330	"	"	"	"	"	
Anthracene	"	ND	-----	0.0330	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0330	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0330	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0330	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.0330	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0330	"	"	"	"	"	
Chrysene	"	ND	-----	0.0330	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0330	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-38RE1 (TP10-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:45**					
Fluoranthene	SW846 8270CSIM	ND	-----	0.0330	mg/kg	10x	7095602	10/01/07 12:15	10/03/07 13:09	
Fluorene	"	ND	-----	0.0330	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0330	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0330	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0330	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0330	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0330	"	"	"	"	"	
Pyrene	"	ND	-----	0.0330	"	"	"	"	"	
Surrogate(s): *Nitrobenzene-d5*			*70%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*70%*		*19 - 106 %*	"			"	
Terphenyl-d14			*70%*		*24 - 129 %*	"			"	
BQI0581-40 (TP10-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:55**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.0162	mg/kg	5x	7100198	10/02/07 09:56	10/04/07 17:17	
Acenaphthylene	"	ND	-----	0.0162	"	"	"	"	"	
Anthracene	"	ND	-----	0.0162	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0162	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0162	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0162	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.0162	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0162	"	"	"	"	"	
Chrysene	"	**0.0276**	-----	0.0162	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0162	"	"	"	"	"	
Fluoranthene	"	**0.0211**	-----	0.0162	"	"	"	"	"	
Fluorene	"	ND	-----	0.0162	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0162	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0162	"	"	"	"	"	
2-Methylnaphthalene	"	**0.0227**	-----	0.0162	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0162	"	"	"	"	"	
Phenanthrene	"	**0.0178**	-----	0.0162	"	"	"	"	"	
Pyrene	"	**0.0292**	-----	0.0162	"	"	"	"	"	
Surrogate(s): *Nitrobenzene-d5*			*70%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*60%*		*19 - 106 %*	"			"	
Terphenyl-d14			*70%*		*24 - 129 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-42 (TP11-092007-2-4)		**Soil**			**Sampled: 09/20/07 18:15**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00331	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 07:20	
Acenaphthylene	"	ND	-----	0.00331	"	"	"	"	"	
Anthracene	"	ND	-----	0.00331	"	"	"	"	"	
Benzo (a) anthracene	"	**0.00364**	-----	0.00331	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00331	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.00530**	-----	0.00331	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.00464**	-----	0.00331	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.00331**	-----	0.00331	"	"	"	"	"	
Chrysene	"	**0.00430**	-----	0.00331	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00331	"	"	"	"	"	
Fluoranthene	"	**0.00464**	-----	0.00331	"	"	"	"	"	
Fluorene	"	ND	-----	0.00331	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.00331**	-----	0.00331	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00331	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00331	"	"	"	"	"	
Naphthalene	"	**0.00662**	-----	0.00331	"	"	"	"	"	
Phenanthrene	"	**0.00397**	-----	0.00331	"	"	"	"	"	
Pyrene	"	**0.00497**	-----	0.00331	"	"	"	"	"	
Surrogate(s): *Nitrobenzene-d5*			*51%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*59%*		*19 - 106 %*	"			"	
Terphenyl-d14			*72%*		*24 - 129 %*	"			"	
BQI0581-43RE1 (TP11-092007-4-6)		**Soil**			**Sampled: 09/20/07 18:20**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.163	mg/kg	50x	7100198	10/02/07 09:56	10/04/07 15:08	RL1
Acenaphthylene	"	ND	-----	0.163	"	"	"	"	"	RL1
Anthracene	"	ND	-----	0.163	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	-----	0.163	"	"	"	"	"	RL1
Benzo (a) pyrene	"	ND	-----	0.163	"	"	"	"	"	RL1
Benzo (b) fluoranthene	"	ND	-----	0.163	"	"	"	"	"	RL1
Benzo (g,h,i) perylene	"	ND	-----	0.163	"	"	"	"	"	RL1
Benzo (k) fluoranthene	"	ND	-----	0.163	"	"	"	"	"	RL1
Chrysene	"	ND	-----	0.163	"	"	"	"	"	RL1
Dibenz (a,h) anthracene	"	ND	-----	0.163	"	"	"	"	"	RL1
Fluoranthene	"	ND	-----	0.163	"	"	"	"	"	RL1
Fluorene	"	ND	-----	0.163	"	"	"	"	"	RL1
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.163	"	"	"	"	"	RL1
1-Methylnaphthalene	"	ND	-----	0.163	"	"	"	"	"	RL1
2-Methylnaphthalene	"	ND	-----	0.163	"	"	"	"	"	RL1
Naphthalene	"	ND	-----	0.163	"	"	"	"	"	RL1
Phenanthrene	"	ND	-----	0.163	"	"	"	"	"	RL1

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-43RE1 (TP11-092007-4-6)		**Soil**			**Sampled: 09/20/07 18:20**					
Pyrene	SW846 8270CSIM	ND	-----	0.163	mg/kg	50x	7100198	10/02/07 09:56	10/04/07 15:08	**RL1**
Surrogate(s): Nitrobenzene-d5			*NR*		*16 - 113 %*	"			"	***Z3***
2-Fluorobiphenyl			*NR*		*19 - 106 %*	"			"	***Z3***
Terphenyl-d14			*NR*		*24 - 129 %*	"			"	***Z3***
BQI0581-47 (TP12-092107-4-6)		**Soil**			**Sampled: 09/21/07 06:50**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00325	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 07:41	
Acenaphthylene	"	ND	-----	0.00325	"	"	"	"	"	
Anthracene	"	ND	-----	0.00325	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00325	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00325	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00325	"	"	"	"	"	
Benzo (g,h,i)'perylene	"	ND	-----	0.00325	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00325	"	"	"	"	"	
Chrysene	"	ND	-----	0.00325	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00325	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.00325	"	"	"	"	"	
Fluorene	"	ND	-----	0.00325	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00325	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00325	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00325	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00325	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.00325	"	"	"	"	"	
Pyrene	"	ND	-----	0.00325	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*38%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*49%*		*19 - 106 %*	"			"	
Terphenyl-d14			*66%*		*24 - 129 %*	"			"	
BQI0581-48 (TP12-092107-6-8)		**Soil**			**Sampled: 09/21/07 06:55**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00328	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 08:02	
Acenaphthylene	"	ND	-----	0.00328	"	"	"	"	"	
Anthracene	"	ND	-----	0.00328	"	"	"	"	"	
Benzo (a) anthracene	"	**0.00657**	-----	0.00328	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0102**	-----	0.00328	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00328	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.00755**	-----	0.00328	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00328	"	"	"	"	"	
Chrysene	"	**0.0151**	-----	0.00328	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00328	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-48 (TP12-092107-6-8)		**Soil**			**Sampled: 09/21/07 06:55**					
Fluoranthene	SW846 8270CSIM	**0.00854**	-----	0.00328	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 08:02	
Fluorene	"	ND	-----	0.00328	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.00722**	-----	0.00328	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00328	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00328	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00328	"	"	"	"	"	
Phenanthrene	"	**0.00788**	-----	0.00328	"	"	"	"	"	
Pyrene	"	**0.0135**	-----	0.00328	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*59%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*69%*		*19 - 106 %*	"			"	
Terphenyl-d14			*65%*		*24 - 129 %*	"			"	
BQI0581-52 (TP13-092107-6-8)		**Soil**			**Sampled: 09/21/07 07:55**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.00329	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 08:23	
Acenaphthylene	"	ND	-----	0.00329	"	"	"	"	"	
Anthracene	"	ND	-----	0.00329	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.00329	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.00329	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.00329	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	0.00329	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.00329	"	"	"	"	"	
Chrysene	"	ND	-----	0.00329	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.00329	"	"	"	"	"	
Fluoranthene	"	**0.00362**	-----	0.00329	"	"	"	"	"	
Fluorene	"	ND	-----	0.00329	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.00329	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.00329	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.00329	"	"	"	"	"	
Naphthalene	"	ND	-----	0.00329	"	"	"	"	"	
Phenanthrene	"	**0.00395**	-----	0.00329	"	"	"	"	"	
Pyrene	"	**0.00395**	-----	0.00329	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*52%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*62%*		*19 - 106 %*	"			"	
Terphenyl-d14			*69%*		*24 - 129 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-55 (TP14-092107-4-6)		**Soil**			**Sampled: 09/21/07 08:35**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.0163	mg/kg	5x	7100198	10/02/07 09:56	10/04/07 19:44	
Acenaphthylene	"	ND	-----	0.0163	"	"	"	"	"	
Anthracene	"	**0.0374**	-----	0.0163	"	"	"	"	"	
Benzo (a) anthracene	"	**0.147**	-----	0.0163	"	"	"	"	"	
Benzo (a) pyrene	"	**0.166**	-----	0.0163	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.153**	-----	0.0163	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.0505**	-----	0.0163	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.171**	-----	0.0163	"	"	"	"	"	
Chrysene	"	**0.163**	-----	0.0163	"	"	"	"	"	
Dibenz (a,h) anthracene	"	**0.0374**	-----	0.0163	"	"	"	"	"	
Fluoranthene	"	**0.352**	-----	0.0163	"	"	"	"	"	
Fluorene	"	ND	-----	0.0163	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0570**	-----	0.0163	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0163	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0163	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0163	"	"	"	"	"	
Phenanthrene	"	**0.169**	-----	0.0163	"	"	"	"	"	
Pyrene	"	**0.257**	-----	0.0163	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*65%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*75%*		*19 - 106 %*	"			"	
Terphenyl-d14			*70%*		*24 - 129 %*	"			"	
BQI0581-56RE1 (TP14-092107-6-8)		**Soil**			**Sampled: 09/21/07 08:40**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.164	mg/kg	50x	7100198	10/02/07 09:56	10/04/07 16:12	RL1
Acenaphthylene	"	ND	-----	0.164	"	"	"	"	"	RL1
Anthracene	"	ND	-----	0.164	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	-----	0.164	"	"	"	"	"	RL1
Benzo (a) pyrene	"	ND	-----	0.164	"	"	"	"	"	RL1
Benzo (b) fluoranthene	"	ND	-----	0.164	"	"	"	"	"	RL1
Benzo (g,h,i) perylene	"	ND	-----	0.164	"	"	"	"	"	RL1
Benzo (k) fluoranthene	"	ND	-----	0.164	"	"	"	"	"	RL1
Chrysene	"	ND	-----	0.164	"	"	"	"	"	RL1
Dibenz (a,h) anthracene	"	ND	-----	0.164	"	"	"	"	"	RL1
Fluoranthene	"	ND	-----	0.164	"	"	"	"	"	RL1
Fluorene	"	ND	-----	0.164	"	"	"	"	"	RL1
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.164	"	"	"	"	"	RL1
1-Methylnaphthalene	"	ND	-----	0.164	"	"	"	"	"	RL1
2-Methylnaphthalene	"	ND	-----	0.164	"	"	"	"	"	RL1
Naphthalene	"	ND	-----	0.164	"	"	"	"	"	RL1
Phenanthrene	"	ND	-----	0.164	"	"	"	"	"	RL1

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-56RE1 (TP14-092107-6-8)		**Soil**			**Sampled: 09/21/07 08:40**					
Pyrene	SW846 8270CSIM	ND	-----	0.164	mg/kg	50x	7100198	10/02/07 09:56	10/04/07 16:12	RL1
Surrogate(s): Nitrobenzene-d5			*NR*		*16 - 113 %*	"			"	*Z3*
2-Fluorobiphenyl			*NR*		*19 - 106 %*	"			"	*Z3*
Terphenyl-d14			*NR*		*24 - 129 %*	"			"	*Z3*
BQI0581-57RE1 (TP15-092107-0-2)		**Soil**			**Sampled: 09/21/07 09:10**					
Acenaphthene	SW846 8270CSIM	ND	-----	0.162	mg/kg	50x	7100198	10/02/07 09:56	10/04/07 16:33	RL1
Acenaphthylene	"	ND	-----	0.162	"	"	"	"	"	RL1
Anthracene	"	ND	-----	0.162	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	-----	0.162	"	"	"	"	"	RL1
Benzo (a) pyrene	"	ND	-----	0.162	"	"	"	"	"	RL1
Benzo (b) fluoranthene	"	ND	-----	0.162	"	"	"	"	"	RL1
Benzo (g,h,i) perylene	"	ND	-----	0.162	"	"	"	"	"	RL1
Benzo (k) fluoranthene	"	ND	-----	0.162	"	"	"	"	"	RL1
Chrysene	"	ND	-----	0.162	"	"	"	"	"	RL1
Dibenz (a,h) anthracene	"	ND	-----	0.162	"	"	"	"	"	RL1
Fluoranthene	"	ND	-----	0.162	"	"	"	"	"	RL1
Fluorene	"	ND	-----	0.162	"	"	"	"	"	RL1
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.162	"	"	"	"	"	RL1
1-Methylnaphthalene	"	ND	-----	0.162	"	"	"	"	"	RL1
2-Methylnaphthalene	"	ND	-----	0.162	"	"	"	"	"	RL1
Naphthalene	"	ND	-----	0.162	"	"	"	"	"	RL1
Phenanthrene	"	ND	-----	0.162	"	"	"	"	"	RL1
Pyrene	"	ND	-----	0.162	"	"	"	"	"	RL1
Surrogate(s): Nitrobenzene-d5			*NR*		*16 - 113 %*	"			"	*Z3*
2-Fluorobiphenyl			*NR*		*19 - 106 %*	"			"	*Z3*
Terphenyl-d14			*NR*		*24 - 129 %*	"			"	*Z3*
BQI0581-59 (TP15-092107-4-6)		**Soil**			**Sampled: 09/21/07 09:20**					
Acenaphthene	SW846 8270CSIM	**0.00520**	-----	0.00325	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 08:44	
Acenaphthylene	"	**0.0120**	-----	0.00325	"	"	"	"	"	
Anthracene	"	**0.0478**	-----	0.00325	"	"	"	"	"	
Benzo (a) anthracene	"	**0.168**	-----	0.00325	"	"	"	"	"	
Benzo (a) pyrene	"	**0.165**	-----	0.00325	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.208**	-----	0.00325	"	"	"	"	"	
Benzo (g,h,i) perylene	"	**0.0540**	-----	0.00325	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.159**	-----	0.00325	"	"	"	"	"	
Chrysene	"	**0.183**	-----	0.00325	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-59 (TP15-092107-4-6)		**Soil**			**Sampled: 09/21/07 09:20**					
Dibenz (a,h) anthracene	SW846 8270CSIM	**0.0322**	-----	0.00325	mg/kg	1x	7100198	10/02/07 09:56	10/04/07 08:44	
Fluorene	"	**0.0130**	-----	0.00325	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0586**	-----	0.00325	"	"	"	"	"	
1-Methylnaphthalene	"	**0.00358**	-----	0.00325	"	"	"	"	"	
2-Methylnaphthalene	"	**0.00618**	-----	0.00325	"	"	"	"	"	
Naphthalene	"	**0.00716**	-----	0.00325	"	"	"	"	"	
Phenanthrene	"	**0.250**	-----	0.00325	"	"	"	"	"	
Pyrene	"	**0.325**	-----	0.00325	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			*60%*		*16 - 113 %*	"			"	
2-Fluorobiphenyl			*66%*		*19 - 106 %*	"			"	
Terphenyl-d14			*72%*		*24 - 129 %*	"			"	
BQI0581-59RE1 (TP15-092107-4-6)		**Soil**			**Sampled: 09/21/07 09:20**					
Fluoranthene	SW846 8270CSIM	**0.574**	-----	0.00650	mg/kg	2x	7100198	10/02/07 09:56	10/04/07 12:21	

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-01RE1 (TP1-092007-0-2)		**Soil**			**Sampled: 09/20/07 09:20**					
Diesel	NWTPH-Dx	ND	-----	19.5	mg/kg	5x	7100195	10/02/07 08:26	10/04/07 10:46	
Motor Oil	"	**314**	-----	19.5	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*61%*		*50 - 150 %*	"			"	
BQI0581-04 (TP1-092007-6-8)		**Soil**			**Sampled: 09/20/07 09:55**					
Diesel	NWTPH-Dx	**10500**	-----	1940	mg/kg	100x	7100195	10/02/07 08:26	10/04/07 02:00	
Motor Oil	"	**20900**	-----	1940	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-06RE1 (TP2-092007-2-4)		**Soil**			**Sampled: 09/20/07 11:10**					
Diesel	NWTPH-Dx	**21.1**	-----	7.80	mg/kg	2x	7100195	10/02/07 08:26	10/04/07 11:02	
Motor Oil	"	**169**	-----	7.80	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*67%*		*50 - 150 %*	"			"	
BQI0581-08RE1 (TP2-092007-6-8)		**Soil**			**Sampled: 09/20/07 12:00**					
iesel	NWTPH-Dx	**2210**	-----	387	mg/kg	20x	7100195	10/02/07 08:26	10/04/07 11:33	
Motor Oil	"	**11900**	-----	387	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-10 (TP3-092007-2-4)		**Soil**			**Sampled: 09/20/07 12:45**					
Diesel	NWTPH-Dx	**5.63**	-----	3.93	mg/kg	1x	7100195	10/02/07 08:26	10/04/07 00:26	
Motor Oil	"	**82.8**	-----	3.93	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*64%*		*50 - 150 %*	"			"	
BQI0581-11 (TP3-092007-4-6)		**Soil**			**Sampled: 09/20/07 12:50**					
Diesel	NWTPH-Dx	**8.80**	-----	3.99	mg/kg	1x	7100195	10/02/07 08:26	10/04/07 00:41	
Motor Oil	"	**79.1**	-----	3.99	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*85%*		*50 - 150 %*	"			"	
BQI0581-15 (TP4-092007-4-6)		**Soil**			**Sampled: 09/20/07 13:25**					
Diesel	NWTPH-Dx	ND	-----	3.88	mg/kg	1x	7100195	10/02/07 08:26	10/04/07 00:57	
Motor Oil	"	**85.3**	-----	3.88	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*72%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-16 (TP4-092007-6-8)		**Soil**			**Sampled: 09/20/07 13:30**					
Diesel	NWTPH-Dx	**7.33**	-----	3.93	mg/kg	1x	7100195	10/02/07 08:26	10/04/07 01:13	
Motor Oil	"	**92.9**	-----	3.93	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*73%*		*50 - 150 %*	"			"	
BQI0581-18 (TP5-092007-2-4)		**Soil**			**Sampled: 09/20/07 14:20**					
Diesel	NWTPH-Dx	ND	-----	3.96	mg/kg	1x	7100195	10/02/07 08:26	10/04/07 01:29	
Motor Oil	"	**16.9**	-----	3.96	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*75%*		*50 - 150 %*	"			"	
BQI0581-20 (TP5-092007-6-8)		**Soil**			**Sampled: 09/20/07 14:35**					
Diesel	NWTPH-Dx	**5.29**	-----	3.91	mg/kg	1x	7100195	10/02/07 08:26	10/04/07 01:44	
Motor Oil	"	**24.0**	-----	3.91	"	"	"	"	"	
Surrogate(s): o-Terphenyl			*86%*		*50 - 150 %*	"			"	
BQI0581-23RE2 (TP6-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:00**					
Diesel	NWTPH-Dx	ND	-----	19.9	mg/kg	5x	7100196	10/02/07 09:00	10/04/07 15:21	
Motor Oil	"	**387**	-----	19.9	"	"	"	"	"	**QP1, QP7**
Surrogate(s): o-Terphenyl			*203%*		*50 - 150 %*	"			"	***Z3***
BQI0581-24RE1 (TP6-092007-6-8)		**Soil**			**Sampled: 09/20/07 15:05**					
Diesel	NWTPH-Dx	**24.5**	-----	7.95	mg/kg	2x	7100196	10/02/07 09:00	10/04/07 10:01	
Motor Oil	"	**170**	-----	7.95	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*65%*		*50 - 150 %*	"			"	
BQI0581-26 (TP7-092007-2-4)		**Soil**			**Sampled: 09/20/07 15:35**					
Diesel	NWTPH-Dx	**22.1**	-----	3.99	mg/kg	1x	7100196	10/02/07 09:00	10/03/07 17:36	
Motor Oil	"	**125**	-----	3.99	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*75%*		*50 - 150 %*	"			"	
BQI0581-27RE1 (TP7-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:45**					
Diesel	NWTPH-Dx	**19.1**	-----	4.00	mg/kg	1x	7100196	10/02/07 09:00	10/04/07 10:17	
Motor Oil	"	**140**	-----	4.00	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*74%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-30RE1 (TP8-092007-2-4)		**Soil**			**Sampled: 09/20/07 16:30**					
Diesel	NWTPH-Dx	**17.4**	-----	7.71	mg/kg	2x	7100196	10/02/07 09:00	10/04/07 10:34	
Motor Oil	"	**248**	-----	7.71	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*53%*		*50 - 150 %*	"			"	
BQI0581-32 (TP8-092007-6-8)		**Soil**			**Sampled: 09/20/07 16:45**					
Diesel	NWTPH-Dx	**78.9**	-----	39.5	mg/kg	10x	7100196	10/02/07 09:00	10/03/07 19:07	
Motor Oil	"	**701**	-----	39.5	"	"	"	"	"	**QP1, QP7**
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-34 (TP9-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:15**					
Diesel	NWTPH-Dx	ND	-----	3.94	mg/kg	1x	7100196	10/02/07 09:00	10/03/07 19:58	
Motor Oil	"	**10.4**	-----	3.94	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*61%*		*50 - 150 %*	"			"	
BQI0581-36RE1 (TP9-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:25**					
Diesel	NWTPH-Dx	ND	-----	399	mg/kg	20x	7100196	10/02/07 09:00	10/04/07 11:08	
Motor Oil	"	**9260**	-----	399	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-38RE1 (TP10-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:45**					
Diesel	NWTPH-Dx	**24.4**	-----	7.98	mg/kg	2x	7100196	10/02/07 09:00	10/04/07 10:51	
Motor Oil	"	**174**	-----	7.98	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*49%*		*50 - 150 %*	"			"	*ZX*
BQI0581-40 (TP10-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:55**					
Diesel	NWTPH-Dx	**149**	-----	39.5	mg/kg	10x	7100196	10/02/07 09:00	10/03/07 20:32	
Motor Oil	"	**1080**	-----	39.5	"	"	"	"	"	**QP1, QP7**
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-42 (TP11-092007-2-4)		**Soil**			**Sampled: 09/20/07 18:15**					
Diesel	NWTPH-Dx	ND	-----	3.99	mg/kg	1x	7100194	10/02/07 15:55	10/04/07 00:30	
Motor Oil	"	**29.2**	-----	3.99	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*92%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-43RE1 (TP11-092007-4-6)		**Soil**			**Sampled: 09/20/07 18:20**					
Diesel	NWTPH-Dx	**949**	-----	393	mg/kg	20x	7100194	10/02/07 15:55	10/04/07 09:10	
Motor Oil	"	**6710**	-----	393	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-47 (TP12-092107-4-6)		**Soil**			**Sampled: 09/21/07 06:50**					
Diesel	NWTPH-Dx	ND	-----	3.92	mg/kg	1x	7100194	10/02/07 15:55	10/04/07 00:47	
Motor Oil	"	**16.5**	-----	3.92	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*83%*		*50 - 150 %*	"			"	
BQI0581-48RE1 (TP12-092107-6-8)		**Soil**			**Sampled: 09/21/07 06:55**					
Diesel	NWTPH-Dx	**23.2**	-----	7.91	mg/kg	2x	7100194	10/02/07 15:55	10/04/07 08:53	
Motor Oil	"	**183**	-----	7.91	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*71%*		*50 - 150 %*	"			"	
BQI0581-49 (TP13-092107-0-2)		**Soil**			**Sampled: 09/21/07 07:40**					
iesel	NWTPH-Dx	ND	-----	38.9	mg/kg	10x	7100194	10/02/07 15:55	10/04/07 01:22	
Motor Oil	"	**412**	-----	38.9	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-52RE1 (TP13-092107-6-8)		**Soil**			**Sampled: 09/21/07 07:55**					
Diesel	NWTPH-Dx	ND	-----	3.88	mg/kg	1x	7100194	10/02/07 15:55	10/04/07 08:37	
Motor Oil	"	**38.2**	-----	3.88	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*75%*		*50 - 150 %*	"			"	
BQI0581-55RE1 (TP14-092107-4-6)		**Soil**			**Sampled: 09/21/07 08:35**					
Diesel	NWTPH-Dx	ND	-----	7.90	mg/kg	2x	7095604	10/01/07 09:50	10/03/07 09:19	
Motor Oil	"	**222**	-----	7.90	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*74%*		*50 - 150 %*	"			"	
BQI0581-56RE1 (TP14-092107-6-8)		**Soil**			**Sampled: 09/21/07 08:40**					
Diesel	NWTPH-Dx	ND	-----	19.7	mg/kg	5x	7095604	10/01/07 09:50	10/03/07 09:36	
Motor Oil	"	**454**	-----	19.7	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*57%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons

TestAmerica - Nashville, TN

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-57 (TP15-092107-0-2)		**Soil**			**Sampled: 09/21/07 09:10**					
Diesel	NWTPH-Dx	**58.7**	-----	39.4	mg/kg	10x	7095604	10/01/07 09:50	10/02/07 22:16	
Motor Oil	"	**812**	-----	39.4	"	"	"	"	"	**QP1, QP7**
Surrogate(s): o-Terphenyl			*NR*		*50 - 150 %*	"			"	*Z3*
BQI0581-59RE1 (TP15-092107-4-6)		**Soil**			**Sampled: 09/21/07 09:20**					
Diesel	NWTPH-Dx	**14.5**	-----	7.85	mg/kg	2x	7095604	10/01/07 09:50	10/03/07 09:53	
Motor Oil	"	**194**	-----	7.85	"	"	"	"	"	**QP1, QP6**
Surrogate(s): o-Terphenyl			*77%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-01 (TP1-092007-0-2)		**Soil**			**Sampled: 09/20/07 09:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.12	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 18:18	
Benzene	"	ND	-----	0.0256	"	"	"	"	"	
Toluene	"	ND	-----	0.205	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.205	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.614	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*101%*		*50 - 150 %*	"			"	
4-BFB (PID)			*139%*		*50 - 150 %*	"			"	
BQI0581-04 (TP1-092007-6-8)		**Soil**			**Sampled: 09/20/07 09:55**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**17.3**	-----	4.80	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 18:43	
Benzene	"	ND	-----	0.0240	"	"	"	"	"	
Toluene	"	ND	-----	0.192	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.192	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.576	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*232%*		*50 - 150 %*	"			"	*ZX*
4-BFB (PID)			*300%*		*50 - 150 %*	"			"	*ZX*
BQI0581-06 (TP2-092007-2-4)		**Soil**			**Sampled: 09/20/07 11:10**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.41	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 19:07	
Benzene	"	ND	-----	0.0221	"	"	"	"	"	
Toluene	"	ND	-----	0.177	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.177	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.530	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*93.6%*		*50 - 150 %*	"			"	
4-BFB (PID)			*128%*		*50 - 150 %*	"			"	
BQI0581-08 (TP2-092007-6-8)		**Soil**			**Sampled: 09/20/07 12:00**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**16.3**	-----	5.50	mg/kg dry	1x	7100020	10/01/07 14:59	10/02/07 05:56	
Benzene	"	ND	-----	0.0275	"	"	"	"	"	
Toluene	"	ND	-----	0.220	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.220	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.660	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*82.6%*		*50 - 150 %*	"			"	
4-BFB (PID)			*108%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-10 (TP3-092007-2-4)		**Soil**			**Sampled: 09/20/07 12:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.39	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 20:22	
Benzene	"	ND	-----	0.0219	"	"	"	"	"	
Toluene	"	ND	-----	0.175	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.175	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.526	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*82.9%*		*50 - 150 %*	"			"	
4-BFB (PID)			*114%*		*50 - 150 %*	"			"	
BQI0581-11 (TP3-092007-4-6)		**Soil**			**Sampled: 09/20/07 12:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.19	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 20:46	
Benzene	"	ND	-----	0.0259	"	"	"	"	"	
Toluene	"	ND	-----	0.207	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.207	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.622	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*84.3%*		*50 - 150 %*	"			"	
4-BFB (PID)			*118%*		*50 - 150 %*	"			"	
BQI0581-15 (TP4-092007-4-6)		**Soil**			**Sampled: 09/20/07 13:25**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.32	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 21:11	
Benzene	"	ND	-----	0.0216	"	"	"	"	"	
Toluene	"	ND	-----	0.173	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.173	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.518	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*97.1%*		*50 - 150 %*	"			"	
4-BFB (PID)			*138%*		*50 - 150 %*	"			"	
BQI0581-16 (TP4-092007-6-8)		**Soil**			**Sampled: 09/20/07 13:30**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.19	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 21:36	
Benzene	"	ND	-----	0.0210	"	"	"	"	"	
Toluene	"	ND	-----	0.168	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.168	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.503	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*88.0%*		*50 - 150 %*	"			"	
4-BFB (PID)			*129%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-18 (TP5-092007-2-4)		**Soil**			**Sampled: 09/20/07 14:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.81	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 22:50	
Benzene	"	ND	-----	0.0241	"	"	"	"	"	
Toluene	"	ND	-----	0.192	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.192	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.577	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*95.5%*		*50 - 150 %*	"			"	
4-BFB (PID)			*137%*		*50 - 150 %*	"			"	
BQI0581-20 (TP5-092007-6-8)		**Soil**			**Sampled: 09/20/07 14:35**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.37	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 23:16	
Benzene	"	ND	-----	0.0218	"	"	"	"	"	
Toluene	"	ND	-----	0.175	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.175	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.524	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*90.9%*		*50 - 150 %*	"			"	
4-BFB (PID)			*131%*		*50 - 150 %*	"			"	
BQI0581-23 (TP6-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:00**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.42	mg/kg dry	1x	7100020	10/01/07 14:59	10/01/07 23:44	
Benzene	"	ND	-----	0.0221	"	"	"	"	"	
Toluene	"	ND	-----	0.177	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.177	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.530	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*90.6%*		*50 - 150 %*	"			"	
4-BFB (PID)			*125%*		*50 - 150 %*	"			"	
BQI0581-24 (TP6-092007-6-8)		**Soil**			**Sampled: 09/20/07 15:05**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.74	mg/kg dry	1x	7100020	10/01/07 14:59	10/02/07 00:09	
Benzene	"	ND	-----	0.0237	"	"	"	"	"	
Toluene	"	ND	-----	0.190	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.190	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.569	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*88.0%*		*50 - 150 %*	"			"	
4-BFB (PID)			*123%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-26 (TP7-092007-2-4)		**Soil**			**Sampled: 09/20/07 15:35**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.47	mg/kg dry	1x	7100020	10/01/07 14:59	10/02/07 00:33	
Benzene	"	ND	-----	0.0274	"	"	"	"	"	
Toluene	"	ND	-----	0.219	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.219	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.656	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*90.5%*		*50 - 150 %*	"			"	
4-BFB (PID)			*125%*		*50 - 150 %*	"			"	
BQI0581-27 (TP7-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.59	mg/kg dry	1x	7100020	10/01/07 14:59	10/02/07 00:58	
Benzene	"	ND	-----	0.0229	"	"	"	"	"	
Toluene	"	ND	-----	0.184	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.184	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.551	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*93.1%*		*50 - 150 %*	"			"	
4-BFB (PID)			*124%*		*50 - 150 %*	"			"	
BQI0581-30 (TP8-092007-2-4)		**Soil**			**Sampled: 09/20/07 16:30**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.45	mg/kg dry	1x	7100020	10/01/07 14:59	10/02/07 01:23	
Benzene	"	ND	-----	0.0273	"	"	"	"	"	
Toluene	"	ND	-----	0.218	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.218	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.654	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*89.1%*		*50 - 150 %*	"			"	
4-BFB (PID)			*127%*		*50 - 150 %*	"			"	
BQI0581-32 (TP8-092007-6-8)		**Soil**			**Sampled: 09/20/07 16:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.97	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 13:41	
Benzene	"	ND	-----	0.0299	"	"	"	"	"	
Toluene	"	ND	-----	0.239	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.239	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.717	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*113%*		*50 - 150 %*	"			"	
4-BFB (PID)			*135%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name: **BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number: 683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager: Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-34 (TP9-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:15**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.39	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 14:05	
Benzene	"	ND	-----	0.0220	"	"	"	"	"	
Toluene	"	ND	-----	0.176	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.176	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.527	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*78.7%*			*50 - 150 %*	"			"	
4-BFB (PID)		*99.8%*			*50 - 150 %*	"			"	
BQI0581-36 (TP9-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:25**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.79	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 14:30	
Benzene	"	ND	-----	0.0289	"	"	"	"	"	
Toluene	"	ND	-----	0.232	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.232	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.695	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*86.3%*			*50 - 150 %*	"			"	
4-BFB (PID)		*112%*			*50 - 150 %*	"			"	
BQI0581-38 (TP10-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.54	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 14:54	
Benzene	"	ND	-----	0.0277	"	"	"	"	"	
Toluene	"	ND	-----	0.221	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.221	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.664	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*82.4%*			*50 - 150 %*	"			"	
4-BFB (PID)		*105%*			*50 - 150 %*	"			"	
BQI0581-40 (TP10-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:55**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**16.8**	-----	6.05	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 15:19	
Benzene	"	**1.73**	-----	0.0302	"	"	"	"	"	
Toluene	"	**0.265**	-----	0.242	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.242	"	"	"	"	"	
Xylenes (total)	"	**1.26**	-----	0.726	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*83.9%*			*50 - 150 %*	"			"	
4-BFB (PID)		*88.2%*			*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-42 (TP11-092007-2-4)		**Soil**			**Sampled: 09/20/07 18:15**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.92	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 15:43	
Benzene	"	ND	-----	0.0246	"	"	"	"	"	
Toluene	"	ND	-----	0.197	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.197	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.590	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*80.8%*		*50 - 150 %*	"			"	
4-BFB (PID)			*112%*		*50 - 150 %*	"			"	
BQI0581-43 (TP11-092007-4-6)		**Soil**			**Sampled: 09/20/07 18:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.43	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 16:08	
Benzene	"	ND	-----	0.0271	"	"	"	"	"	
Toluene	"	ND	-----	0.217	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.217	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.651	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*72.7%*		*50 - 150 %*	"			"	
4-BFB (PID)			*99.0%*		*50 - 150 %*	"			"	
BQI0581-47 (TP12-092107-4-6)		**Soil**			**Sampled: 09/21/07 06:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.80	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 17:21	
Benzene	"	**0.202**	-----	0.0240	"	"	"	"	"	
Toluene	"	ND	-----	0.192	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.192	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.575	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*86.1%*		*50 - 150 %*	"			"	
4-BFB (PID)			*115%*		*50 - 150 %*	"			"	
BQI0581-48 (TP12-092107-6-8)		**Soil**			**Sampled: 09/21/07 06:55**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**23.4**	-----	5.79	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 17:46	
Benzene	"	**1.17**	-----	0.0290	"	"	"	"	"	
Toluene	"	ND	-----	0.232	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.232	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.695	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*92.7%*		*50 - 150 %*	"			"	
4-BFB (PID)			*84.0%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-49 (TP13-092107-0-2)		**Soil**			**Sampled: 09/21/07 07:40**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.84	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 18:10	
Benzene	"	ND	-----	0.0292	"	"	"	"	"	
Toluene	"	ND	-----	0.234	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.234	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.701	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*90.3%*		*50 - 150 %*	"			"	
4-BFB (PID)			*125%*		*50 - 150 %*	"			"	
BQI0581-52 (TP13-092107-6-8)		**Soil**			**Sampled: 09/21/07 07:55**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.42	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 18:35	
Benzene	"	ND	-----	0.0271	"	"	"	"	"	
Toluene	"	ND	-----	0.217	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.217	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.650	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*79.4%*		*50 - 150 %*	"			"	
4-BFB (PID)			*109%*		*50 - 150 %*	"			"	
BQI0581-55 (TP14-092107-4-6)		**Soil**			**Sampled: 09/21/07 08:35**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	4.46	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 18:59	
Benzene	"	ND	-----	0.0223	"	"	"	"	"	
Toluene	"	ND	-----	0.178	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.178	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.535	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*89.0%*		*50 - 150 %*	"			"	
4-BFB (PID)			*121%*		*50 - 150 %*	"			"	
BQI0581-56 (TP14-092107-6-8)		**Soil**			**Sampled: 09/21/07 08:40**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.49	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 19:48	
Benzene	"	ND	-----	0.0275	"	"	"	"	"	
Toluene	"	ND	-----	0.220	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.220	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.659	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*87.8%*		*50 - 150 %*	"			"	
4-BFB (PID)			*121%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-57 (TP15-092107-0-2)		**Soil**			**Sampled: 09/21/07 09:10**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.44	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 20:12	
Benzene	"	ND	-----	0.0272	"	"	"	"	"	
Toluene	"	ND	-----	0.218	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.218	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.653	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*96.8%*		*50 - 150 %*	"			"	
4-BFB (PID)			*133%*		*50 - 150 %*	"			"	
BQI0581-59 (TP15-092107-4-6)		**Soil**			**Sampled: 09/21/07 09:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	5.73	mg/kg dry	1x	7100024	10/02/07 10:57	10/02/07 20:37	
Benzene	"	ND	-----	0.0286	"	"	"	"	"	
Toluene	"	ND	-----	0.229	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.229	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.687	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*76.9%*		*50 - 150 %*	"			"	
4-BFB (PID)			*105%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-01 (TP1-092007-0-2)		**Soil**				**Sampled: 09/20/07 09:20**				
% Solids	TA SOP	97.7	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-04 (TP1-092007-6-8)		**Soil**				**Sampled: 09/20/07 09:55**				
% Solids	TA SOP	90.9	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-06 (TP2-092007-2-4)		**Soil**				**Sampled: 09/20/07 11:10**				
% Solids	TA SOP	94.9	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-08 (TP2-092007-6-8)		**Soil**				**Sampled: 09/20/07 12:00**				
% Solids	TA SOP	90.9	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-10 (TP3-092007-2-4)		**Soil**				**Sampled: 09/20/07 12:45**				
% Solids	TA SOP	100	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-11 (TP3-092007-4-6)		**Soil**				**Sampled: 09/20/07 12:50**				
% Solids	TA SOP	84.7	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-15 (TP4-092007-4-6)		**Soil**				**Sampled: 09/20/07 13:25**				
% Solids	TA SOP	90.3	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-16 (TP4-092007-6-8)		**Soil**				**Sampled: 09/20/07 13:30**				
% Solids	TA SOP	89.9	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-18 (TP5-092007-2-4)		**Soil**				**Sampled: 09/20/07 14:20**				
% Solids	TA SOP	89.9	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-20 (TP5-092007-6-8)		**Soil**				**Sampled: 09/20/07 14:35**				
% Solids	TA SOP	85.8	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-23 (TP6-092007-4-6)		**Soil**				**Sampled: 09/20/07 15:00**				

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-23 (TP6-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:00**					
% Solids	TA SOP	84.2	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-24 (TP6-092007-6-8)		**Soil**			**Sampled: 09/20/07 15:05**					
% Solids	TA SOP	82.8	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-26 (TP7-092007-2-4)		**Soil**			**Sampled: 09/20/07 15:35**					
% Solids	TA SOP	91.4	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-27 (TP7-092007-4-6)		**Soil**			**Sampled: 09/20/07 15:45**					
% Solids	TA SOP	92.4	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-30 (TP8-092007-2-4)		**Soil**			**Sampled: 09/20/07 16:30**					
% Solids	TA SOP	91.7	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-32 (TP8-092007-6-8)		**Soil**			**Sampled: 09/20/07 16:45**					
% Solids	TA SOP	83.7	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-34 (TP9-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:15**					
% Solids	TA SOP	93.2	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-36 (TP9-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:25**					
% Solids	TA SOP	76.5	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-38 (TP10-092007-2-4)		**Soil**			**Sampled: 09/20/07 17:45**					
% Solids	TA SOP	90.3	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-40 (TP10-092007-6-8)		**Soil**			**Sampled: 09/20/07 17:55**					
% Solids	TA SOP	82.7	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-42 (TP11-092007-2-4)		**Soil**			**Sampled: 09/20/07 18:15**					

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQI0581-42 (TP11-092007-2-4)		**Soil**				**Sampled: 09/20/07 18:15**				
% Solids	TA SOP	88.0	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-43 (TP11-092007-4-6)		**Soil**				**Sampled: 09/20/07 18:20**				
% Solids	TA SOP	92.1	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-47 (TP12-092107-4-6)		**Soil**				**Sampled: 09/21/07 06:50**				
% Solids	TA SOP	87.1	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-48 (TP12-092107-6-8)		**Soil**				**Sampled: 09/21/07 06:55**				
% Solids	TA SOP	86.3	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-49 (TP13-092107-0-2)		**Soil**				**Sampled: 09/21/07 07:40**				
% Solids	TA SOP	95.7	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-52 (TP13-092107-6-8)		**Soil**				**Sampled: 09/21/07 07:55**				
% Solids	TA SOP	92.3	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-55 (TP14-092107-4-6)		**Soil**				**Sampled: 09/21/07 08:35**				
% Solids	TA SOP	91.8	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-56 (TP14-092107-6-8)		**Soil**				**Sampled: 09/21/07 08:40**				
% Solids	TA SOP	91.0	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-57 (TP15-092107-0-2)		**Soil**				**Sampled: 09/21/07 09:10**				
% Solids	TA SOP	91.9	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	
BQI0581-59 (TP15-092107-4-6)		**Soil**				**Sampled: 09/21/07 09:20**				
% Solids	TA SOP	87.3	-----	0.0100	% by Weight	1x	7100034	10/02/07 14:45	10/03/07 10:01	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM - Laboratory Quality Control Results

TestAmerica - Nashville, TN

QC Batch: 7095602 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7095602-BLK1)								**Extracted: 10/01/07 12:15**						
Acenaphthene	SW846 8270CSIM	ND	---	0.00333	mg/kg	1x	--	--	--	--	--	--	10/03/07 14:34	
Acenaphthylene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (g,h,i) perylene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Surrogate(s): Nitrobenzene-d5		*Recovery: 68%*			*Limits: 16-113%*	"							*10/03/07 14:34*	
2-Fluorobiphenyl		*66%*			*19-106%*	"							"	
Terphenyl-d14		*74%*			*24-129%*	"							"	
LCS (7095602-BS1)								**Extracted: 10/01/07 12:15**						
Acenaphthene	SW846 8270CSIM	0.0267	---	0.00333	mg/kg	1x	--	0.0333	80%	(43-120)	--	--	10/02/07 10:01	MNR
Acenaphthylene	"	0.0273	---	0.00333	"	"	--	"	82%	(41-130)	--	--	"	MNR
Anthracene	"	0.0297	---	0.00333	"	"	--	"	89%	(37-150)	--	--	"	MNR
Benzo (a) anthracene	"	0.0287	---	0.00333	"	"	--	"	86%	(48-133)	--	--	"	MNR
Benzo (a) pyrene	"	0.0260	---	0.00333	"	"	--	"	78%	(49-127)	--	--	"	MNR
Benzo (b) fluoranthene	"	0.0260	---	0.00333	"	"	--	"	78%	(48-130)	--	--	"	MNR
Benzo (g,h,i) perylene	"	0.0287	---	0.00333	"	"	--	"	86%	(34-140)	--	--	"	MNR
Benzo (k) fluoranthene	"	0.0287	---	0.00333	"	"	--	"	86%	(53-130)	--	--	"	MNR
Chrysene	"	0.0287	---	0.00333	"	"	--	"	86%	(50-131)	--	--	"	MNR
Dibenz (a,h) anthracene	"	0.0283	---	0.00333	"	"	--	"	85%	(40-136)	--	--	"	MNR
Fluoranthene	"	0.0287	---	0.00333	"	"	--	"	86%	(46-140)	--	--	"	MNR
Fluorene	"	0.0273	---	0.00333	"	"	--	"	82%	(44-127)	--	--	"	MNR
Indeno (1,2,3-cd) pyrene	"	0.0267	---	0.00333	"	"	--	"	80%	(38-132)	--	--	"	MNR
1-Methylnaphthalene	"	0.0250	---	0.00333	"	"	--	0.0337	74%	(33-123)	--	--	"	MNR
2-Methylnaphthalene	"	0.0280	---	0.00333	"	"	--	0.0333	84%	(37-129)	--	--	"	MNR

TestAmerica - Seattle, WA

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM - Laboratory Quality Control Results

TestAmerica - Nashville, TN

QC Batch: 7095602 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7095602-BS1)								Extracted: 10/01/07 12:15						
Naphthalene	SW846 8270CSIM	0.0260	---	0.00333	mg/kg	1x	--	0.0333	78%	(38-120)	--	--	10/02/07 10:01	MNR
Phenanthrene	"	0.0270	---	0.00333	"	"	--	"	81%	(41-134)	--	--	"	MNR
Pyrene	"	0.0290	---	0.00333	"	"	--	"	87%	(48-132)	--	--	"	MNR
Surrogate(s): Nitrobenzene-d5		*Recovery: 83%*			*Limits: 16-113%*	"							*10/02/07 10:01*	
2-Fluorobiphenyl		*82%*			*19-106%*	"							"	
Terphenyl-d14		*80%*			*24-129%*	"							"	

QC Batch: 7100198 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100198-BLK1)								Extracted: 10/02/07 09:56						
Acenaphthene	SW846 8270CSIM	ND	---	0.00333	mg/kg	1x	--	--	--	--	--	--	10/04/07 06:01	
Acenaphthylene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (g,h,i) perylene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.00333	"	"	--	--	--	--	--	--	"	
Surrogate(s): Nitrobenzene-d5		*Recovery: 50%*			*Limits: 16-113%*	"							*10/04/07 06:01*	
2-Fluorobiphenyl		*66%*			*19-106%*	"							"	
Terphenyl-d14		*80%*			*24-129%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Polyaromatic Hydrocarbons by EPA 8270C SIM - Laboratory Quality Control Results

TestAmerica - Nashville, TN

QC Batch: 7100198 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7100198-BS1)								**Extracted: 10/02/07 09:56**						
Acenaphthene	SW846 8270CSIM	0.0193	---	0.00333	mg/kg	1x	--	0.0333	58%	(43-120)	--	--	10/04/07 06:58	MNR
Acenaphthylene	"	0.0200	---	0.00333	"	"	--	"	60%	(41-130)	--	--	"	MNR
Anthracene	"	0.0237	---	0.00333	"	"	--	"	71%	(37-150)	--	--	"	MNR
Benzo (a) anthracene	"	0.0247	---	0.00333	"	"	--	"	74%	(48-133)	--	--	"	MNR
Benzo (a) pyrene	"	0.0220	---	0.00333	"	"	--	"	66%	(49-127)	--	--	"	MNR
Benzo (b) fluoranthene	"	0.0247	---	0.00333	"	"	--	"	74%	(48-130)	--	--	"	MNR
Benzo (g,h,i) perylene	"	0.0257	---	0.00333	"	"	--	"	77%	(34-140)	--	--	"	MNR
Benzo (k) fluoranthene	"	0.0237	---	0.00333	"	"	--	"	71%	(53-130)	--	--	"	MNR
Chrysene	"	0.0237	---	0.00333	"	"	--	"	71%	(50-131)	--	--	"	MNR
Dibenz (a,h) anthracene	"	0.0263	---	0.00333	"	"	--	"	79%	(40-136)	--	--	"	MNR
Fluoranthene	"	0.0247	---	0.00333	"	"	--	"	74%	(46-140)	--	--	"	MNR
Fluorene	"	0.0210	---	0.00333	"	"	--	"	63%	(44-127)	--	--	"	MNR
Indeno (1,2,3-cd) pyrene	"	0.0247	---	0.00333	"	"	--	"	74%	(38-132)	--	--	"	MNR
1-Methylnaphthalene	"	0.0167	---	0.00333	"	"	--	0.0337	50%	(33-123)	--	--	"	MNR
2-Methylnaphthalene	"	0.0187	---	0.00333	"	"	--	0.0333	56%	(37-129)	--	--	"	MNR
Naphthalene	"	0.0163	---	0.00333	"	"	--	"	49%	(38-120)	--	--	"	MNR
Phenanthrene	"	0.0217	---	0.00333	"	"	--	"	65%	(41-134)	--	--	"	MNR
Pyrene	"	0.0250	---	0.00333	"	"	--	"	75%	(48-132)	--	--	"	MNR
Surrogate(s): *Nitrobenzene-d5*		*Recovery:* *61%*			*Limits:* *16-113%*	"							*10/04/07 06:58*	
2-Fluorobiphenyl		*66%*			*19-106%*	"							"	
Terphenyl-d14		*77%*			*24-129%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons - Laboratory Quality Control Results

TestAmerica - Nashville, TN

QC Batch: 7095604 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7095604-BLK1)								**Extracted: 10/01/07 09:50**						
Diesel	NWTPH-Dx	ND	---	4.00	mg/kg	1x	--	--	--	--	--	--	10/02/07 17:40	
Motor Oil	"	ND	---	4.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): o-Terphenyl		*Recovery: 95%*			*Limits: 50-150%*	"							*10/02/07 17:40*	
LCS (7095604-BS1)								**Extracted: 10/01/07 09:50**						
Diesel	NWTPH-Dx	41.4	---	4.00	mg/kg	1x	--	40.0	104%	(55-126)	--	--	10/02/07 17:59	
Surrogate(s): o-Terphenyl		*Recovery: 86%*			*Limits: 50-150%*	"							*10/02/07 17:59*	
Matrix Spike (7095604-MS1)							**QC Source: NQI3480-01**	**Extracted: 10/01/07 09:50**						
Diesel	NWTPH-Dx	31.8	---	3.89	mg/kg	1x	ND	38.9	82%	(30-138)	--	--	10/02/07 19:26	
Surrogate(s): o-Terphenyl		*Recovery: 54%*			*Limits: 50-150%*	"							*10/02/07 19:26*	
Matrix Spike Dup (7095604-MSD1)							**QC Source: NQI3480-01**	**Extracted: 10/01/07 09:50**						
Diesel	NWTPH-Dx	45.0	---	3.88	mg/kg	1x	ND	38.8	116%	(30-138)	34%	(42)	10/02/07 19:43	
Surrogate(s): o-Terphenyl		*Recovery: 73%*			*Limits: 50-150%*	"							*10/02/07 19:43*	

QC Batch: 7100194 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100194-BLK1)								**Extracted: 10/02/07 15:55**						
Diesel	NWTPH-Dx	ND	---	4.00	mg/kg	1x	--	--	--	--	--	--	10/03/07 21:40	
Motor Oil	"	ND	---	4.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): o-Terphenyl		*Recovery: 84%*			*Limits: 50-150%*	"							*10/03/07 21:40*	
LCS (7100194-BS1)								**Extracted: 10/02/07 15:55**						
Diesel	NWTPH-Dx	44.1	---	4.00	mg/kg	1x	--	40.0	110%	(55-126)	--	--	10/03/07 21:57	
Surrogate(s): o-Terphenyl		*Recovery: 100%*			*Limits: 50-150%*	"							*10/03/07 21:57*	
Matrix Spike (7100194-MS1)							**QC Source: NQI3487-11**	**Extracted: 10/02/07 15:55**						
Diesel	NWTPH-Dx	35.0	---	3.93	mg/kg	1x	ND	39.3	89%	(30-138)	--	--	10/03/07 22:14	
Surrogate(s): o-Terphenyl		*Recovery: 77%*			*Limits: 50-150%*	"							*10/03/07 22:14*	
Matrix Spike Dup (7100194-MSD1)							**QC Source: NQI3487-11**	**Extracted: 10/02/07 15:55**						
Diesel	NWTPH-Dx	32.9	---	3.87	mg/kg	1x	ND	38.7	85%	(30-138)	6%	(42)	10/03/07 22:31	
Surrogate(s): o-Terphenyl		*Recovery: 67%*			*Limits: 50-150%*	"							*10/03/07 22:31*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Extractable Petroleum Hydrocarbons - Laboratory Quality Control Results

TestAmerica - Nashville, TN

QC Batch: 7100195 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100195-BLK1)								**Extracted: 10/02/07 08:26**						
Diesel	NWTPH-Dx	ND	---	4.00	mg/kg	1x	--	--	--	--	--	--	10/03/07 23:23	
Motor Oil	"	ND	---	4.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): o-Terphenyl		*Recovery: 85%*			*Limits: 50-150%*	"							*10/03/07 23:23*	
LCS (7100195-BS1)								**Extracted: 10/02/07 08:26**						
Diesel	NWTPH-Dx	36.7	---	4.00	mg/kg	1x	--	40.0	92%	(55-126)	--	--	10/03/07 23:39	
Surrogate(s): o-Terphenyl		*Recovery: 85%*			*Limits: 50-150%*	"							*10/03/07 23:39*	

QC Batch: 7100196 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100196-BLK1)								**Extracted: 10/02/07 09:00**						
Diesel	NWTPH-Dx	ND	---	4.00	mg/kg	1x	--	--	--	--	--	--	10/03/07 15:51	
Motor Oil	"	ND	---	4.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): o-Terphenyl		*Recovery: 86%*			*Limits: 50-150%*	"							*10/03/07 15:51*	
LCS (7100196-BS1)								**Extracted: 10/02/07 09:00**						
Diesel	NWTPH-Dx	41.2	---	4.00	mg/kg	1x	--	40.0	103%	(55-126)	--	--	10/03/07 16:10	
Surrogate(s): o-Terphenyl		*Recovery: 92%*			*Limits: 50-150%*	"							*10/03/07 16:10*	
Matrix Spike (7100196-MS1)					**QC Source: BQI0581-23**			**Extracted: 10/02/07 09:00**						
Diesel	NWTPH-Dx	36.0	---	3.97	mg/kg	1x	ND	39.7	91%	(30-138)	--	--	10/03/07 16:27	
Surrogate(s): o-Terphenyl		*Recovery: 70%*			*Limits: 50-150%*	"							*10/03/07 16:27*	
Matrix Spike Dup (7100196-MSD1)					**QC Source: BQI0581-23**			**Extracted: 10/02/07 09:00**						
Diesel	NWTPH-Dx	52.9	---	3.86	mg/kg	1x	ND	38.6	137%	(30-138)	38%	(42)	10/03/07 16:44	
Surrogate(s): o-Terphenyl		*Recovery: 73%*			*Limits: 50-150%*	"							*10/03/07 16:44*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica - Spokane, WA

QC Batch: 7100020 **Soil Preparation Method: GC Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100020-BLK1)								**Extracted: 10/01/07 14:59**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	10/02/07 03:02	
Benzene	"	ND	---	0.0250	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	0.600	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.1%*			*Limits: 50-150%*	"							*10/02/07 03:02*	
4-BFB (PID)		*115%*			*50-150%*	"							"	
LCS (7100020-BS1)								**Extracted: 10/01/07 14:59**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	46.5	---	5.00	mg/kg wet	1x	--	50.0	93.0%	(80-120)	--	--	10/02/07 04:17	
Surrogate(s): 4-BFB (FID)		*Recovery: 119%*			*Limits: 50-150%*	"							*10/02/07 04:17*	
LCS (7100020-BS2)								**Extracted: 10/01/07 14:59**						
Benzene	NWTPH-Gx/ 8021B	0.406	---	0.0250	mg/kg wet	1x	--	0.500	81.3%	(80-120)	--	--	10/03/07 13:15	
Toluene	"	0.517	---	0.200	"	"	--	"	103%	"	--	--	"	
Ethylbenzene	"	0.560	---	0.200	"	"	--	"	112%	"	--	--	"	
Xylenes (total)	"	1.67	---	0.600	"	"	--	1.50	111%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 105%*			*Limits: 50-150%*	"							*10/03/07 13:15*	
LCS Dup (7100020-BSD1)								**Extracted: 10/01/07 14:59**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	55.1	---	5.00	mg/kg wet	1x	--	50.0	110%	(80-120)	16.9%	(20)	10/02/07 04:42	
Surrogate(s): 4-BFB (FID)		*Recovery: 139%*			*Limits: 50-150%*	"							*10/02/07 04:42*	
LCS Dup (7100020-BSD2)								**Extracted: 10/01/07 14:59**						
Benzene	NWTPH-Gx/ 8021B	0.487	---	0.0250	mg/kg wet	1x	--	0.500	97.4%	(80-120)	18.0%	(20)	10/04/07 01:37	
Toluene	"	0.558	---	0.200	"	"	--	"	112%	"	7.74%	"	"	
Ethylbenzene	"	0.579	---	0.200	"	"	--	"	116%	"	3.37%	"	"	
Xylenes (total)	"	1.80	---	0.600	"	"	--	1.50	120%	"	7.29%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 111%*			*Limits: 50-150%*	"							*10/04/07 01:37*	
Duplicate (7100020-DUP1)							**QC Source: BQI0581-06**		**Extracted: 10/01/07 14:59**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	4.41	mg/kg dry	1x	ND	--	--	--	18.1%	(20)	10/02/07 01:48	
Benzene	"	ND	---	0.0221	"	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.177	"	"	ND	--	--	--	6.09%	"	"	
Ethylbenzene	"	ND	---	0.177	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	0.530	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 88.8%*			*Limits: 50-150%*	"							*10/02/07 01:48*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica - Spokane, WA

QC Batch: 7100020 **Soil Preparation Method: GC Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (7100020-DUP1)					QC Source: BQI0581-06				Extracted: 10/01/07 14:59					
Surrogate(s): 4-BFB (PID)		*Recovery: 125%*			*Limits: 50-150%*	*1x*							*10/02/07 01:48*	
Duplicate (7100020-DUP2)					QC Source: BQI0581-23				Extracted: 10/01/07 14:59					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	4.42	mg/kg dry	1x	ND	--	--	--	2.95%	(20)	10/02/07 02:38	
Benzene	"	ND	---	0.0221	"	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.177	"	"	ND	--	--	--	5.43%	"	"	
Ethylbenzene	"	ND	---	0.177	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	0.530	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.9%*			*Limits: 50-150%*	"							*10/02/07 02:38*	
4-BFB (PID)		*123%*			*50-150%*	"							"	

QC Batch: 7100024 **Soil Preparation Method: GC Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100024-BLK1)									Extracted: 10/02/07 10:57					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	10/02/07 22:39	
Benzene	"	ND	---	0.0250	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	0.600	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 80.2%*			*Limits: 50-150%*	"							*10/02/07 22:39*	
4-BFB (PID)		*103%*			*50-150%*	"							"	
LCS (7100024-BS1)									Extracted: 10/02/07 10:57					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	41.8	---	5.00	mg/kg wet	1x	--	50.0	83.6%	(80-120)	--	--	10/02/07 23:04	
Surrogate(s): 4-BFB (FID)		*Recovery: 107%*			*Limits: 50-150%*	"							*10/02/07 23:04*	
LCS (7100024-BS2)									Extracted: 10/02/07 10:57					
Benzene	NWTPH-Gx/ 8021B	0.407	---	0.0250	mg/kg wet	1x	--	0.500	81.5%	(80-120)	--	--	10/03/07 12:20	
Toluene	"	0.503	---	0.200	"	"	--	"	101%	"	--	--	"	
Ethylbenzene	"	0.550	---	0.200	"	"	--	"	110%	"	--	--	"	
Xylenes (total)	"	1.66	---	0.600	"	"	--	1.50	110%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 103%*			*Limits: 50-150%*	"							*10/03/07 12:20*	

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Gasoline Hydrocarbons by NWTPH-Gx and BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica - Spokane, WA

QC Batch: 7100024 **Soil Preparation Method: GC Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (7100024-BSD1)								**Extracted: 10/02/07 10:57**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	44.4	---	5.00	mg/kg wet	1x	--	50.0	88.8%	(80-120)	6.07%	(20)	10/02/07 23:28	
Surrogate(s): 4-BFB (FID)		*Recovery: 131%*			*Limits: 50-150%*	"							*10/02/07 23:28*	
LCS Dup (7100024-BSD2)								**Extracted: 10/02/07 10:57**						
Benzene	NWTPH-Gx/ 8021B	0.400	---	0.0250	mg/kg wet	1x	--	0.500	80.0%	(80-120)	1.77%	(20)	10/03/07 12:45	
Toluene	"	0.509	---	0.200	"	"	--	"	102%	"	1.21%	"	"	
Ethylbenzene	"	0.557	---	0.200	"	"	--	"	111%	"	1.33%	"	"	
Xylenes (total)	"	1.68	---	0.600	"	"	--	1.50	112%	"	1.42%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 107%*			*Limits: 50-150%*	"							*10/03/07 12:45*	
Duplicate (7100024-DUP1)					**QC Source: BQI0581-40**			**Extracted: 10/02/07 10:57**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	16.8	---	6.05	mg/kg dry	1x	16.8	--	--	--	0.0774%	(20)	10/02/07 21:01	
Benzene	"	1.72	---	0.0302	"	"	1.73	--	--	--	0.650%	"	"	
Toluene	"	0.263	---	0.242	"	"	0.265	--	--	--	0.939%	"	"	
Ethylbenzene	"	ND	---	0.242	"	"	ND	--	--	--	1.57%	"	"	
Xylenes (total)	"	1.22	---	0.726	"	"	1.26	--	--	--	3.41%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.7%*			*Limits: 50-150%*	"							*10/02/07 21:01*	
4-BFB (PID)		*91.6%*			*50-150%*	"							"	
Duplicate (7100024-DUP2)					**QC Source: BQI0581-55**			**Extracted: 10/02/07 10:57**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	4.46	mg/kg dry	1x	ND	--	--	--	8.58%	(20)	10/02/07 21:26	
Benzene	"	ND	---	0.0223	"	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.178	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.178	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	0.535	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.2%*			*Limits: 50-150%*	"							*10/02/07 21:26*	
4-BFB (PID)		*115%*			*50-150%*	"							"	

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Tom Cammaratta	10/15/07 16:22

Notes and Definitions

Report Specific Notes:

MNR	-	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
QP1	-	The primary contamination elutes between C-18 to beyond C-40, which is in the motor oil range.
QP6	-	The contamination did not match any standards in our library.
QP7	-	The contamination is similar to our motor oil standard.
RL1	-	Reporting limit raised due to sample matrix effects.
Z3	-	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	-	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BQI0581

CLIENT: Farallon Consulting
REPORT TO: [illegible]
ADDRESS: [illegible] 98027
PHONE: 425 295 0800 FAX:
PROJECT NAME: John Michael Lease Site
PROJECT NUMBER: 683-018
SAMPLED BY: Jon Peterson

INVOICE TO: Tom CAMMARATA
P.O. NUMBER:

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: 10 (STD.) ✓ | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 (STD.) ✓ | 4 | 3 | 2 | 1 | <1
OTHER Specify: Hold, Call Tom the charge for Tom
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE / REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-DX	NWTPH-Gx/BTEX	cPAHs 8270	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	TP1-092007-0-2	9-20-07 0920	X	X	X	S	3		-01
2	TP1-092007-2-4	0928					3		-02
3	TP1-092007-4-6	0940					3		-03
4	TP1-092007-6-8	0955	X	X	X		3		-04
5	TP2-092007-0-2	1100					3		-05
6	TP2-092007-2-4	1110	X	X	X		3		-06
7	TP2-092007-4-6	1145					3		-07
8	TP2-092007-6-8	1200	X	X	X		3		-08
9	TP3-092007-0-2	1240					3		-09
10	TP3-092007-2-4	1245	X	X	X	↓	3		-10

RELEASED BY: Jon Peterson
PRINT NAME: [signature] FIRM: Farallon DATE: 9-21-07 TIME: ~~1400~~ 1500
RECEIVED BY: [signature]
PRINT NAME: Sabrina Bap FIRM: TAL DATE: 9/21/07 TIME: 16:00
RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:
ADDITIONAL REMARKS:
TEMP:
PAGE 1 OF 6

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BQI0581

CLIENT: Farallon

REPORT TO: Tom Cammarata
ADDRESS: Farallon Consulting

PHONE: 425-295-0840 FAX:

INVOICE TO: Tom Cammarata

P.O. NUMBER:

PROJECT NAME: Tom Mitchell Lease Site
PROJECT NUMBER: 683-018
SAMPLED BY: Jon P

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify: Rush
* Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	NWTPH Dx	NWTPH Gx/BTEX	PAH 8270	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1 TP3-092007-4-6	9-20-07 1250		X	X	X	S	3		-11
2 TP3-092007-6-8	1300								-12
3 TP4-092007-0-2	1315								-13
4 TP4-092007-2-4	1320								-14
5 TP4-092007-4-6	1325		X	X	X				-15
6 TP4-092007-6-8	1330		X	X	X				-16
7 TP5-092007-0-2	1415								-17
8 TP5-092007-2-4	1420		X	X	X				-18
9 TP5-092007-4-6	1430								-19
10 TP5-092007-6-8	1435		X	X	X	J	V		-20

RELEASED BY: [signature] DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: [signature] DATE: 9/21/07
PRINT NAME: Shannon Bay FIRM: TAL TIME: 10:00

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BQI0581

CLIENT: Farallon

REPORT TO: Tom Cammarata
ADDRESS: Farallon Consulting

PH 425 295-0840 FAX:

INVOICE TO: Tom Cammarata

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER: 683-018

SAMPLED BY: J-n P

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: (10) STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: (5) STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify: M 3 d
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: NWTPH Dx	NWTPH Gx/BTEX 8260 PAHs	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	TP6-092007-0-2	9/20/07 1450				J	3		-21
2	TP6-092007-2-4	1455							-22
3	TP6-092007-4-6	1500		X	X X				-23
4	TP6-092007-6-8	1505		X	X X				-24
5	TP7-092007-0-2	1570							-25
6	TP7-092007-2-4	1575		X	X X				-26
7	TP7-092007-4-6	1545		X	X X				-27
8	TP7-092007-6-8	1550							-28
9	TP8-092007-0-2	1625							-29
10	TP8-092007-2-4	1630		X	X X				-30

RELEASED BY: J-n P DATE:
PRINT NAME: TIME:
FIRM:

RECEIVED BY: DATE: 9/21/07
PRINT NAME: FIRM: TAL TIME: 1100

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

COC REV 09/2004

PAGE 3 OF 6

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BQI0581

CLIENT: Farallon

REPORT TO: TOM CAMMARATTA
ADDRESS: Farallon Consulting

PHONE: 425-205-0840 FAX:

INVOICE TO: TOM CAMMA

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER: 683-018

SAMPLED BY: Jon P

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]
Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]
[OTHER] Specify: 10 DAY
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: NWTPH Dx	NWTPH GX/BTEX	8270 PAHs	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	TP8-120707-4-6	12/20/07 1640					S	3		-31
2	TP8-120707 6-8	1645		X	X	X				-32
3	TP9-120707-0-2	1710								-33
4	TP9-120707-2-4	1715		X	X	X				-34
5	TP9-120707-4-6	1720		~~X~~	~~X~~	~~X~~			NO	-35
6	TP9-120707-6-8	1725		X	X	X				-36
7	TP10-120707-0-2	1740								-37
8	TP10-120707-2-4	1745		X	X	X				-38
9	TP10-120707-4-6	1750								-39
10	TP10-120707-6-8	1755		X	X	X				-40

RELEASED BY: [signature] DATE: 12/21/07
PRINT NAME: FIRM: Farallon TIME:
RECEIVED BY: [signature] DATE:
PRINT NAME: Shannon Bolp FIRM: TAL TIME: 16:00

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BQI0581

CLIENT: Farallon

REPORT TO: Tom Cammarata
ADDRESS: Farallon Consulting
PHONE: 425-295-0840 FAX:

INVOICE TO: Tom Cammarata

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER: 683-018

SAMPLED BY: Jon P

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify: Hold
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME		PRESERVATIVE	REQUESTED ANALYSES: NWTPH Dx	NWTPH Gx/BTEX	8270 PAHs	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	TP11-092007-0-2	9-20-07	1410					S	3		-41
2	TP11-092007-2-4	9-20-07	1415		X	X	X				-42
3	TP11-092007-4-6	9-20-07	1820		X	X	X				-43
4	TP11-092007-6-8	9-20-07	1825								-44
5	TP12-092107-0-2	9-21-07	0640								-45
6	TP12-092107-2-4	9-21-07	0645								-46
7	TP12-092107-4-6	9-21-07	0650		X	X	X				-47
8	TP12-092107-6-8	9-21-07	0655		X	X	X				-48
9	TP13-092107-0-2	9-21-07	0740		X	X	X				-49
10	TP13-092107-2-4	9-21-07	0745								-50

RELEASED BY: Jon P
PRINT NAME: Jon P FIRM: DATE: TIME:
RECEIVED BY: Jon P
PRINT NAME: Jon P FIRM: TAL DATE: 9/21/07 TIME: 1600

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BQI0581

CLIENT: Farallon

REPORT TO: Tom Cammarata
ADDRESS: Farallon Consulting

PHONE: 425-295-0840 FAX:

INVOICE TO: Tom Cammarata

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER: 683-018

SAMPLED BY: Jon P.

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify: Hold

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: Multiple DX	Multiple Gx/BTEX	8270 Hold	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	TP13-092107-4-6	9-21-07 0750				NO	S	3		-51
2	TP13-092107-6-8	0755		X	X	X				-52
3	TP14-092107-0-2	0815								-53
4	TP14-092107-2-4	0820								-54
5	TP14-092107-4-6	0835	X	X	X					-55
6	TP14-092107-6-8	0840	X	X	X					-56
7	TP15-092107-0-2	0910	X	X	X					-57
8	TP15-092107-2-4	0915								-58
9	TP15-092107-4-6	0920	X	X	X					-59
10	TP15-092107-6-8	0925								-60

RELEASED BY: Jon P. DATE: TIME:
PRINT NAME: FIRM:

RECEIVED BY: DATE: 9/21/07
PRINT NAME: FIRM: TAL TIME: 1600

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

COC REV 09/2004

PAGE 6 OF 6

CW092107

Trip blank 09.21.07 1600 S 2 -61

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

June 09, 2008

Dan Caputo
Farallon Consulting LLC
975 5th Ave NW Ste 100
Issaquah, WA/USA 98027

RE: BNSF - John Michael Lease Site

Enclosed are the results of analyses for samples received by the laboratory on 05/09/08 17:00. The following list is a summary of the Work Orders contained in this report, generated on 06/09/08 14:10.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
BRE0134	BNSF - John Michael Lease Si	683-018

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

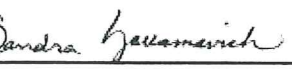
SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T1-050608-8-NE	BRE0134-02	Soil	05/06/08 13:52	05/09/08 17:00
T1-050608-8-SW	BRE0134-03	Soil	05/06/08 14:07	05/09/08 17:00
T2-050608-8-SW	BRE0134-07	Soil	05/06/08 15:13	05/09/08 17:00
T2-050608-8-NE	BRE0134-08	Soil	05/06/08 16:03	05/09/08 17:00
T3-050708-2-C	BRE0134-09	Soil	05/07/08 08:29	05/09/08 17:00
T3-050708-4-NE	BRE0134-10	Soil	05/07/08 08:36	05/09/08 17:00
TP-18-050808-8	BRE0134-11	Soil	05/08/08 12:29	05/09/08 17:00
T8-050808-2-SW	BRE0134-12	Soil	05/08/08 11:08	05/09/08 17:00
T8-050808-4-NE	BRE0134-13	Soil	05/08/08 11:57	05/09/08 17:00
T8-050808-6-SW	BRE0134-14	Soil	05/08/08 11:20	05/09/08 17:00
T8-050808-6-NE	BRE0134-15	Soil	05/08/08 12:04	05/09/08 17:00
T7-050808-2-S	BRE0134-16	Soil	05/08/08 09:20	05/09/08 17:00
T7-050808-4-N	BRE0134-17	Soil	05/08/08 10:37	05/09/08 17:00
T7-050808-6-S	BRE0134-18	Soil	05/08/08 09:38	05/09/08 17:00
T7-050808-8-S	BRE0134-19	Soil	05/08/08 10:01	05/09/08 17:00
T7-050808-8-N	BRE0134-20	Soil	05/08/08 10:39	05/09/08 17:00
T5-050608-8-NE	BRE0134-24	Soil	05/06/08 11:17	05/09/08 17:00
T5-050608-8-SW	BRE0134-25	Soil	05/06/08 11:25	05/09/08 17:00
T5-050608-8-W	BRE0134-26	Soil	05/06/08 11:47	05/09/08 17:00
TP-17-050608-8	BRE0134-28	Soil	05/06/08 12:39	05/09/08 17:00
T6-050708-2-N	BRE0134-31	Soil	05/07/08 12:53	05/09/08 17:00
T6-050708-4-S	BRE0134-32	Soil	05/07/08 13:03	05/09/08 17:00
T6-050708-6-N	BRE0134-33	Soil	05/07/08 13:45	05/09/08 17:00
T6-050708-8-S	BRE0134-34	Soil	05/07/08 13:17	05/09/08 17:00
T6-050708-10-N	BRE0134-35	Soil	05/07/08 14:03	05/09/08 17:00
T3-050708-6-SW	BRE0134-36	Soil	05/07/08 08:52	05/09/08 17:00
T3-050708-8-SW	BRE0134-37	Soil	05/07/08 09:16	05/09/08 17:00
T3-050708-8-NE	BRE0134-38	Soil	05/07/08 10:03	05/09/08 17:00
T4-050708-2-S	BRE0134-39	Soil	05/07/08 10:22	05/09/08 17:00
T4-050708-4-N	BRE0134-40	Soil	05/07/08 10:31	05/09/08 17:00
T4-050708-6-N	BRE0134-41	Soil	05/07/08 11:14	05/09/08 17:00
T4-050708-8-S	BRE0134-42	Soil	05/07/08 10:52	05/09/08 17:00
T4-050708-8-N	BRE0134-43	Soil	05/07/08 11:40	05/09/08 17:00
T9-050808-8-SE	BRE0134-44	Soil	05/08/08 13:42	05/09/08 17:00
TP-19-050808-8	BRE0134-45	Soil	05/08/08 12:39	05/09/08 17:00

TestAmerica Seattle



Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Analytical Case Narrative

TestAmerica - Seattle, WA

BRE0134

COMMENTS ON SAMPLE RECEIPT

The samples were received 05/09/08 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 8.9 degrees Celsius.

PREPARATIONS AND ANALYSIS

Volatile Petroleum Products by NWTPH-Gx

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Cleanup)

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

BTEX by EPA Method 8021B

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Polynuclear Aromatic Hydrocarbons by GCMS SIM

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Total Metals by EPA 6000/7000 Series Methods

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Polychlorinated Biphenyls by EPA Method 8082

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Volatile Petroleum Products by NWTPH-Gx

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-02 (T1-050608-8-NE)		**Soil**			**Sampled: 05/06/08 13:52**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	11.3	mg/kg dry	1x	8E11006	05/11/08 09:54	05/13/08 19:57	
Surrogate(s): 4-BFB (FID)			*95.8%*		*50 - 150 %*	"			"	
BRE0134-03 (T1-050608-8-SW)		**Soil**			**Sampled: 05/06/08 14:07**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	12.6	mg/kg dry	1x	8E11006	05/11/08 09:54	05/13/08 21:03	
Surrogate(s): 4-BFB (FID)			*101%*		*50 - 150 %*	"			"	
BRE0134-07 (T2-050608-8-SW)		**Soil**			**Sampled: 05/06/08 15:13**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	15.1	mg/kg dry	1x	8E11006	05/11/08 09:54	05/13/08 22:09	
Surrogate(s): 4-BFB (FID)			*101%*		*50 - 150 %*	"			"	
BRE0134-08 (T2-050608-8-NE)		**Soil**			**Sampled: 05/06/08 16:03**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	12.0	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 04:46	
Surrogate(s): 4-BFB (FID)			*96.1%*		*50 - 150 %*	"			"	
BRE0134-11 (TP-18-050808-8)		**Soil**			**Sampled: 05/08/08 12:29**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	13.7	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 01:28	
Surrogate(s): 4-BFB (FID)			*101%*		*50 - 150 %*	"			"	
BRE0134-14 (T8-050808-6-SW)		**Soil**			**Sampled: 05/08/08 11:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	10.4	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 02:01	
Surrogate(s): 4-BFB (FID)			*98.0%*		*50 - 150 %*	"			"	
BRE0134-15 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	10.5	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 02:34	
Surrogate(s): 4-BFB (FID)			*97.2%*		*50 - 150 %*	"			"	
BRE0134-19 (T7-050808-8-S)		**Soil**			**Sampled: 05/08/08 10:01**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**1020**	-----	94.9	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 09:11	**Q8**
Surrogate(s): 4-BFB (FID)			*113%*		*50 - 150 %*	*1x*			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Volatile Petroleum Products by NWTPH-Gx

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-20 (T7-050808-8-N)		**Soil**			**Sampled: 05/08/08 10:39**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**156**	-----	8.33	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 05:19	Q8
Surrogate(s): 4-BFB (FID)			*115%*		*50 - 150 %*	"			"	
BRE0134-24 (T5-050608-8-NE)		**Soil**			**Sampled: 05/06/08 11:17**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**10.1**	-----	9.77	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 03:07	
Surrogate(s): 4-BFB (FID)			*98.8%*		*50 - 150 %*	"			"	
BRE0134-26 (T5-050608-8-W)		**Soil**			**Sampled: 05/06/08 11:47**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	15.4	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 03:40	
Surrogate(s): 4-BFB (FID)			*99.1%*		*50 - 150 %*	"			"	
BRE0134-28 (TP-17-050608-8)		**Soil**			**Sampled: 05/06/08 12:39**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	10.6	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 04:13	
Surrogate(s): 4-BFB (FID)			*92.1%*		*50 - 150 %*	"			"	
BRE0134-34 (T6-050708-8-S)		**Soil**			**Sampled: 05/07/08 13:17**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**719**	-----	87.2	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 09:44	Q8
Surrogate(s): 4-BFB (FID)			*103%*		*50 - 150 %*	*1x*			"	
BRE0134-35 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**271**	-----	9.88	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 08:38	Q8
Surrogate(s): 4-BFB (FID)			*129%*		*50 - 150 %*	"			"	
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	9.35	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 05:52	
Surrogate(s): 4-BFB (FID)			*97.4%*		*50 - 150 %*	"			"	
BRE0134-38 (T3-050708-8-NE)		**Soil**			**Sampled: 05/07/08 10:03**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**17.6**	-----	10.9	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 06:25	
Surrogate(s): 4-BFB (FID)			*94.4%*		*50 - 150 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Volatile Petroleum Products by NWTPH-Gx

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-42 (T4-050708-8-S)		**Soil**			**Sampled: 05/07/08 10:52**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**303**	-----	112	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 10:17	**Q8**
Surrogate(s): 4-BFB (FID)			*103%*		*50 - 150 %*	*1x*			"	
BRE0134-43 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**297**	-----	82.3	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 10:50	**Q8**
Surrogate(s): 4-BFB (FID)			*92.6%*		*50 - 150 %*	*1x*			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-02 (T1-050608-8-NE)		**Soil**			**Sampled: 05/06/08 13:52**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	58.5	mg/kg dry	5x	8E12040	05/12/08 13:33	05/13/08 23:49	RL1
Lube Oil Range Hydrocarbons	"	**201**	-----	146	"	"	"	"	"	
Surrogate(s): 2-FBP			*138%*		*54 - 148 %*	"			"	
Octacosane			*127%*		*62 - 142 %*	"			"	
BRE0134-03 (T1-050608-8-SW)		**Soil**			**Sampled: 05/06/08 14:07**					
Diesel Range Hydrocarbons	NWTPH-Dx	**205**	-----	64.2	mg/kg dry	5x	8E12040	05/12/08 13:33	05/14/08 00:15	Q6
Lube Oil Range Hydrocarbons	"	**942**	-----	161	"	"	"	"	"	
Surrogate(s): 2-FBP			*140%*		*54 - 148 %*	"			"	
Octacosane			*139%*		*62 - 142 %*	"			"	
BRE0134-07RE1 (T2-050608-8-SW)		**Soil**			**Sampled: 05/06/08 15:13**					
Diesel Range Hydrocarbons	NWTPH-Dx	**854**	-----	655	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 17:50	Q6
Lube Oil Range Hydrocarbons	"	**3840**	-----	1640	"	"	"	"	"	
Surrogate(s): 2-FBP			*736%*		*54 - 148 %*	"			"	*Z3*
Octacosane			*419%*		*62 - 142 %*	"			"	*Z3*
BRE0134-08 (T2-050608-8-NE)		**Soil**			**Sampled: 05/06/08 16:03**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	1410	mg/kg dry	50x	8E12040	05/12/08 13:33	05/14/08 01:08	RL1
Lube Oil Range Hydrocarbons	"	**3960**	-----	3520	"	"	"	"	"	
Surrogate(s): 2-FBP			*NR*		*54 - 148 %*	"			"	*Z3*
Octacosane			*840%*		*62 - 142 %*	"			"	*Z3*
BRE0134-11RE1 (TP-18-050808-8)		**Soil**			**Sampled: 05/08/08 12:29**					
Diesel Range Hydrocarbons	NWTPH-Dx	**193**	-----	134	mg/kg dry	10x	8E12040	05/12/08 13:33	05/15/08 10:54	Q6
Lube Oil Range Hydrocarbons	"	**1470**	-----	335	"	"	"	"	"	
Surrogate(s): 2-FBP			*204%*		*54 - 148 %*	"			"	*ZX*
Octacosane			*166%*		*62 - 142 %*	"			"	*Z3*
BRE0134-14 (T8-050808-6-SW)		**Soil**			**Sampled: 05/08/08 11:20**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	12.0	mg/kg dry	1x	8E12040	05/12/08 13:33	05/14/08 03:19	
Lube Oil Range Hydrocarbons	"	ND	-----	30.0	"	"	"	"	"	
Surrogate(s): 2-FBP			*92.3%*		*54 - 148 %*	"			"	
Octacosane			*103%*		*62 - 142 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-15 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	11.6	mg/kg dry	1x	8E12040	05/12/08 13:33	05/14/08 03:45	
Surrogate(s): 2-FBP			*94.5%*		*54 - 148 %*	"			"	
BRE0134-15RE1 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	ND	-----	29.1	mg/kg dry	1x	8E12040	05/12/08 13:33	05/15/08 11:20	
Surrogate(s): Octacosane			*110%*		*62 - 142 %*	"			"	
BRE0134-19RE1 (T7-050808-8-S)		**Soil**			**Sampled: 05/08/08 10:01**					
Diesel Range Hydrocarbons	NWTPH-Dx	**37600**	-----	1730	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 11:46	**Q4**
Lube Oil Range Hydrocarbons	"	**51600**	-----	4320	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*906%*		*54 - 148 %*	"			"	***Z3***
Octacosane			*594%*		*62 - 142 %*	"			"	***Z3***
BRE0134-20RE1 (T7-050808-8-N)		**Soil**			**Sampled: 05/08/08 10:39**					
Diesel Range Hydrocarbons	NWTPH-Dx	**6860**	-----	631	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 12:12	**Q4**
Lube Oil Range Hydrocarbons	"	**11300**	-----	1580	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*321%*		*54 - 148 %*	"			"	***Z3***
Octacosane			*257%*		*62 - 142 %*	"			"	***Z3***
BRE0134-24RE1 (T5-050608-8-NE)		**Soil**			**Sampled: 05/06/08 11:17**					
Diesel Range Hydrocarbons	NWTPH-Dx	**71.9**	-----	11.8	mg/kg dry	1x	8E12040	05/12/08 13:33	05/15/08 12:38	
Lube Oil Range Hydrocarbons	"	**175**	-----	29.6	"	"	"	"	"	
Surrogate(s): 2-FBP			*95.6%*		*54 - 148 %*	"			"	
Octacosane			*109%*		*62 - 142 %*	"			"	
BRE0134-26RE1 (T5-050608-8-W)		**Soil**			**Sampled: 05/06/08 11:47**					
Diesel Range Hydrocarbons	NWTPH-Dx	**82.9**	-----	12.5	mg/kg dry	1x	8E12040	05/12/08 13:33	05/15/08 13:04	**Q6**
Lube Oil Range Hydrocarbons	"	**341**	-----	31.2	"	"	"	"	"	
Surrogate(s): 2-FBP			*94.7%*		*54 - 148 %*	"			"	
Octacosane			*109%*		*62 - 142 %*	"			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-28 (TP-17-050608-8)		**Soil**			**Sampled: 05/06/08 12:39**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	211	mg/kg dry	20x	8E12040	05/12/08 13:33	05/14/08 05:55	RL1, C
Surrogate(s): 2-FBP			*336%*		*54 - 148 %*	"			"	*Z3*
BRE0134-28RE1 (TP-17-050608-8)		**Soil**			**Sampled: 05/06/08 12:39**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	**829**	-----	528	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 13:30	
Surrogate(s): Octacosane			*223%*		*62 - 142 %*	"			"	*Z3*
BRE0134-34RE1 (T6-050708-8-S)		**Soil**			**Sampled: 05/07/08 13:17**					
Diesel Range Hydrocarbons	NWTPH-Dx	**12100**	-----	626	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 15:14	Q4
Lube Oil Range Hydrocarbons	"	**16300**	-----	1570	"	"	"	"	"	Q4
Surrogate(s): 2-FBP			*355%*		*54 - 148 %*	"			"	*Z3*
Octacosane			*257%*		*62 - 142 %*	"			"	*Z3*
BRE0134-35RE1 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Diesel Range Hydrocarbons	NWTPH-Dx	**18100**	-----	1610	mg/kg dry	50x	8E12040	05/12/08 13:33	05/15/08 15:39	Q4
Lube Oil Range Hydrocarbons	"	**24300**	-----	4010	"	"	"	"	"	Q4
Surrogate(s): 2-FBP			*803%*		*54 - 148 %*	"			"	*Z3*
Octacosane			*475%*		*62 - 142 %*	"			"	*Z3*
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	223	mg/kg dry	20x	8E12040	05/12/08 13:33	05/14/08 07:14	RL1, C8
Surrogate(s): 2-FBP			*339%*		*54 - 148 %*	"			"	*Z3*
BRE0134-37RE1 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	**973**	-----	558	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 16:06	
Surrogate(s): Octacosane			*219%*		*62 - 142 %*	"			"	*Z3*
BRE0134-38 (T3-050708-8-NE)		**Soil**			**Sampled: 05/07/08 10:03**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	53.3	mg/kg dry	5x	8E12040	05/12/08 13:33	05/14/08 08:59	RL1, C
Surrogate(s): 2-FBP			*137%*		*54 - 148 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

andra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-38RE1 (T3-050708-8-NE)		**Soil**			**Sampled: 05/07/08 10:03**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	**137**	-----	133	mg/kg dry	5x	8E12040	05/12/08 13:33	05/15/08 16:31	
Surrogate(s): 2-FBP			*138%*		*54 - 148 %*	"			"	
BRE0134-42RE1 (T4-050708-8-S)		**Soil**			**Sampled: 05/07/08 10:52**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2020**	-----	121	mg/kg dry	10x	8E12040	05/12/08 13:33	05/15/08 16:58	Q4
Lube Oil Range Hydrocarbons	"	**3580**	-----	302	"	"	"	"	"	Q4
Surrogate(s): 2-FBP			*191%*		*54 - 148 %*	"			"	*ZX*
Octacosane			*178%*		*62 - 142 %*	"			"	*ZX*
BRE0134-43RE1 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	**6890**	-----	617	mg/kg dry	20x	8E12040	05/12/08 13:33	05/15/08 17:24	Q4
Lube Oil Range Hydrocarbons	"	**13000**	-----	1540	"	"	"	"	"	Q4
Surrogate(s): 2-FBP			*315%*		*54 - 148 %*	"			"	*Z3*
Octacosane			*271%*		*62 - 142 %*	"			"	*Z3*

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

BTEX by EPA Method 8021B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-02 (T1-050608-8-NE)		**Soil**			**Sampled: 05/06/08 13:52**					
Benzene	EPA 8021B	ND	-----	0.0679	mg/kg dry	1x	8E11006	05/11/08 09:54	05/13/08 19:57	
Toluene	"	**0.117**	-----	0.113	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.113	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.226	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)		*113%*			*63 - 150 %*	"			"	
BRE0134-03 (T1-050608-8-SW)		**Soil**			**Sampled: 05/06/08 14:07**					
Benzene	EPA 8021B	ND	-----	0.0755	mg/kg dry	1x	8E11006	05/11/08 09:54	05/13/08 21:03	
Toluene	"	ND	-----	0.126	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.126	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.252	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)		*117%*			*63 - 150 %*	"			"	
BRE0134-07 (T2-050608-8-SW)		**Soil**			**Sampled: 05/06/08 15:13**					
Benzene	EPA 8021B	ND	-----	0.0905	mg/kg dry	1x	8E11006	05/11/08 09:54	05/13/08 22:09	
Toluene	"	ND	-----	0.151	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.151	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.302	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)		*116%*			*63 - 150 %*	"			"	
BRE0134-08 (T2-050608-8-NE)		**Soil**			**Sampled: 05/06/08 16:03**					
Benzene	EPA 8021B	ND	-----	0.0718	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 04:46	
Toluene	"	ND	-----	0.120	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.120	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.239	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)		*112%*			*63 - 150 %*	"			"	
BRE0134-11 (TP-18-050808-8)		**Soil**			**Sampled: 05/08/08 12:29**					
Benzene	EPA 8021B	ND	-----	0.0823	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 01:28	
Toluene	"	ND	-----	0.137	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.137	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.274	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)		*118%*			*63 - 150 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

BTEX by EPA Method 8021B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-14 (T8-050808-6-SW)		**Soil**			**Sampled: 05/08/08 11:20**					
Benzene	EPA 8021B	ND	-----	0.0627	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 02:01	
Toluene	"	ND	-----	0.104	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.104	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.209	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*114%*		*63 - 150 %*	"			"	
BRE0134-15 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					
Benzene	EPA 8021B	ND	-----	0.0629	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 02:34	
Toluene	"	ND	-----	0.105	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.105	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.210	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*115%*		*63 - 150 %*	"			"	
BRE0134-19 (T7-050808-8-S)		**Soil**			**Sampled: 05/08/08 10:01**					
Benzene	EPA 8021B	ND	-----	0.569	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 09:11	
Toluene	"	ND	-----	0.949	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.949	"	"	"	"	"	
Xylenes (total)	"	**3.09**	-----	1.90	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*120%*		*63 - 150 %*	*1x*			"	
BRE0134-20 (T7-050808-8-N)		**Soil**			**Sampled: 05/08/08 10:39**					
Benzene	EPA 8021B	ND	-----	0.0500	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 05:19	
Toluene	"	ND	-----	0.0833	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.0833	"	"	"	"	"	
Xylenes (total)	"	**0.359**	-----	0.167	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*115%*		*63 - 150 %*	"			"	
BRE0134-24 (T5-050608-8-NE)		**Soil**			**Sampled: 05/06/08 11:17**					
Benzene	EPA 8021B	ND	-----	0.0586	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 03:07	
Toluene	"	ND	-----	0.0977	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.0977	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.195	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*117%*		*63 - 150 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

BTEX by EPA Method 8021B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-26 (T5-050608-8-W)		**Soil**			**Sampled: 05/06/08 11:47**					
Benzene	EPA 8021B	ND	-----	0.0923	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 03:40	
Toluene	"	ND	-----	0.154	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.154	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.308	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*115%*		*63 - 150 %*	"			"	
BRE0134-28 (TP-17-050608-8)		**Soil**			**Sampled: 05/06/08 12:39**					
Benzene	EPA 8021B	ND	-----	0.0634	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 04:13	
Toluene	"	ND	-----	0.106	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.106	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.211	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*109%*		*63 - 150 %*	"			"	
BRE0134-34 (T6-050708-8-S)		**Soil**			**Sampled: 05/07/08 13:17**					
Benzene	EPA 8021B	ND	-----	0.523	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 09:44	
Toluene	"	ND	-----	0.872	"	"	"	"	"	
Ethylbenzene	"	**1.44**	-----	0.872	"	"	"	"	"	
Xylenes (total)	"	**2.92**	-----	1.74	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*112%*		*63 - 150 %*	*1x*			"	
BRE0134-35 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Benzene	EPA 8021B	ND	-----	0.0593	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 08:38	
Toluene	"	ND	-----	0.0988	"	"	"	"	"	
Ethylbenzene	"	**0.135**	-----	0.0988	"	"	"	"	"	
Xylenes (total)	"	**0.862**	-----	0.198	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*123%*		*63 - 150 %*	"			"	
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Benzene	EPA 8021B	ND	-----	0.0561	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 05:52	
Toluene	"	ND	-----	0.0935	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.0935	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.187	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*112%*		*63 - 150 %*	"			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

BTEX by EPA Method 8021B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-38 (T3-050708-8-NE)		**Soil**			**Sampled: 05/07/08 10:03**					
Benzene	EPA 8021B	ND	-----	0.0656	mg/kg dry	1x	8E11006	05/11/08 09:54	05/14/08 06:25	
Toluene	"	ND	-----	0.109	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.109	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.219	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*111%*		*63 - 150 %*	"			"	
BRE0134-42 (T4-050708-8-S)		**Soil**			**Sampled: 05/07/08 10:52**					**RL1**
Benzene	EPA 8021B	ND	-----	0.672	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 10:17	
Toluene	"	ND	-----	1.12	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.12	"	"	"	"	"	
Xylenes (total)	"	ND	-----	2.24	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*118%*		*63 - 150 %*	*1x*			"	
BRE0134-43 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					**RL1**
Benzene	EPA 8021B	ND	-----	0.494	mg/kg dry	10x	8E11006	05/11/08 09:54	05/14/08 10:50	
Toluene	"	ND	-----	0.823	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.823	"	"	"	"	"	
Xylenes (total)	"	ND	-----	1.65	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*112%*		*63 - 150 %*	*1x*			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Total Metals by EPA 6000/7000 Series Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-03 (T1-050608-8-SW)		**Soil**			**Sampled: 05/06/08 14:07**					
Arsenic	EPA 6020	**5.49**	-----	0.577	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 16:16	
Barium	"	**117**	-----	5.77	"	"	"	"	"	
Cadmium	"	ND	-----	0.577	"	"	"	"	"	
Chromium	"	**61.0**	-----	0.577	"	"	"	"	"	
Lead	"	**23.2**	-----	0.577	"	"	"	"	"	
Selenium	"	ND	-----	1.15	"	"	"	"	"	
Silver	"	ND	-----	0.577	"	"	"	"	"	
BRE0134-08 (T2-050608-8-NE)		**Soil**			**Sampled: 05/06/08 16:03**					
Arsenic	EPA 6020	**2.63**	-----	0.493	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 16:34	
Barium	"	**102**	-----	4.93	"	"	"	"	"	
Cadmium	"	ND	-----	0.493	"	"	"	"	"	
Chromium	"	**77.5**	-----	0.493	"	"	"	"	"	
Lead	"	**17.4**	-----	0.493	"	"	"	"	"	
Selenium	"	ND	-----	0.986	"	"	"	"	"	
Silver	"	ND	-----	0.493	"	"	"	"	"	
BRE0134-15 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					
Arsenic	EPA 6020	**3.89**	-----	0.502	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 16:40	
Barium	"	**49.6**	-----	5.02	"	"	"	"	"	
Cadmium	"	ND	-----	0.502	"	"	"	"	"	
Chromium	"	**49.6**	-----	0.502	"	"	"	"	"	
Lead	"	**16.1**	-----	0.502	"	"	"	"	"	
Selenium	"	ND	-----	1.00	"	"	"	"	"	
Silver	"	ND	-----	0.502	"	"	"	"	"	
BRE0134-19 (T7-050808-8-S)		**Soil**			**Sampled: 05/08/08 10:01**					
Arsenic	EPA 6020	**4.35**	-----	0.570	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 16:46	
Barium	"	**63.2**	-----	5.70	"	"	"	"	"	
Cadmium	"	ND	-----	0.570	"	"	"	"	"	
Chromium	"	**59.6**	-----	0.570	"	"	"	"	"	
Lead	"	**2.27**	-----	0.570	"	"	"	"	"	
Selenium	"	ND	-----	1.14	"	"	"	"	"	
Silver	"	ND	-----	0.570	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Total Metals by EPA 6000/7000 Series Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-25 (T5-050608-8-SW)		**Soil**			**Sampled: 05/06/08 11:25**					
Arsenic	EPA 6020	**12.4**	-----	0.519	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 16:52	
Barium	"	**94.3**	-----	5.19	"	"	"	"	"	
Cadmium	"	ND	-----	0.519	"	"	"	"	"	
Chromium	"	**38.8**	-----	0.519	"	"	"	"	"	
Lead	"	**55.0**	-----	0.519	"	"	"	"	"	
Selenium	"	ND	-----	1.04	"	"	"	"	"	
Silver	"	ND	-----	0.519	"	"	"	"	"	
BRE0134-35 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Arsenic	EPA 6020	**2.83**	-----	0.562	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 16:58	
Barium	"	**35.4**	-----	5.62	"	"	"	"	"	
Cadmium	"	ND	-----	0.562	"	"	"	"	"	
Chromium	"	**82.3**	-----	0.562	"	"	"	"	"	
Lead	"	**6.24**	-----	0.562	"	"	"	"	"	
Selenium	"	ND	-----	1.12	"	"	"	"	"	
Silver	"	ND	-----	0.562	"	"	"	"	"	
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Arsenic	EPA 6020	**4.77**	-----	0.562	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 17:04	
Barium	"	**45.7**	-----	5.62	"	"	"	"	"	
Cadmium	"	ND	-----	0.562	"	"	"	"	"	
Chromium	"	**85.6**	-----	0.562	"	"	"	"	"	
Lead	"	**25.8**	-----	0.562	"	"	"	"	"	
Selenium	"	ND	-----	1.12	"	"	"	"	"	
Silver	"	ND	-----	0.562	"	"	"	"	"	
BRE0134-43 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					
Arsenic	EPA 6020	**1.83**	-----	0.557	mg/kg dry	1x	8E27023	05/27/08 11:32	05/28/08 17:10	
Barium	"	**24.4**	-----	5.57	"	"	"	"	"	
Cadmium	"	ND	-----	0.557	"	"	"	"	"	
Chromium	"	**154**	-----	0.557	"	"	"	"	"	
Lead	"	**1.00**	-----	0.557	"	"	"	"	"	
Selenium	"	ND	-----	1.11	"	"	"	"	"	
Silver	"	ND	-----	0.557	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-03 (T1-050608-8-SW)		**Soil**			**Sampled: 05/06/08 14:07**					**H4**
Aroclor 1016	EPA 8082	ND	-----	321	ug/kg dry	10x	8E28037	05/28/08 13:45	06/04/08 12:15	RL1
Aroclor 1221	"	ND	-----	642	"	"	"	"	"	
Aroclor 1232	"	ND	-----	321	"	"	"	"	"	
Aroclor 1242	"	ND	-----	321	"	"	"	"	"	
Aroclor 1248	"	ND	-----	321	"	"	"	"	"	
Aroclor 1254	"	ND	-----	321	"	"	"	"	"	
Aroclor 1260	"	ND	-----	321	"	"	"	"	"	RL1
Aroclor 1262	"	ND	-----	321	"	"	"	"	"	
Aroclor 1268	"	ND	-----	321	"	"	"	"	"	
Surrogate(s): *TCX*		*112%*			*65 - 125 %*	"			"	
Decachlorobiphenyl		*113%*			*40 - 150 %*	"			"	
BRE0134-08 (T2-050608-8-NE)		**Soil**			**Sampled: 05/06/08 16:03**					**H4**
Aroclor 1016	EPA 8082	ND	-----	281	ug/kg dry	10x	8E28037	05/28/08 13:45	06/04/08 12:32	RL1
Aroclor 1221	"	ND	-----	561	"	"	"	"	"	
Aroclor 1232	"	ND	-----	281	"	"	"	"	"	
Aroclor 1242	"	ND	-----	281	"	"	"	"	"	
Aroclor 1248	"	ND	-----	281	"	"	"	"	"	
Aroclor 1254	"	ND	-----	281	"	"	"	"	"	
Aroclor 1260	"	ND	-----	281	"	"	"	"	"	RL1
Aroclor 1262	"	ND	-----	281	"	"	"	"	"	
Aroclor 1268	"	ND	-----	281	"	"	"	"	"	
Surrogate(s): *TCX*		*94.6%*			*65 - 125 %*	"			"	
Decachlorobiphenyl		*83.8%*			*40 - 150 %*	"			"	
BRE0134-15 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					**RL1**
Aroclor 1016	EPA 8082	ND	-----	295	ug/kg dry	10x	8E22044	05/22/08 13:36	06/04/08 18:07	
Aroclor 1221	"	ND	-----	591	"	"	"	"	"	
Aroclor 1232	"	ND	-----	295	"	"	"	"	"	
Aroclor 1242	"	ND	-----	295	"	"	"	"	"	
Aroclor 1248	"	ND	-----	295	"	"	"	"	"	
Aroclor 1254	"	ND	-----	295	"	"	"	"	"	
Aroclor 1260	"	ND	-----	295	"	"	"	"	"	
Aroclor 1262	"	ND	-----	295	"	"	"	"	"	
Aroclor 1268	"	ND	-----	295	"	"	"	"	"	
Surrogate(s): *TCX*		*101%*			*65 - 125 %*	"			"	
Decachlorobiphenyl		*113%*			*40 - 150 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-19 (T7-050808-8-S)		**Soil**			**Sampled: 05/08/08 10:01**					**RL1**
Aroclor 1016	EPA 8082	ND	-----	2790	ug/kg dry	50x	8E22044	05/22/08 13:36	06/04/08 18:42	
Aroclor 1221	"	ND	-----	5570	"	"	"	"	"	
Aroclor 1232	"	ND	-----	2790	"	"	"	"	"	
Aroclor 1242	"	ND	-----	2790	"	"	"	"	"	
Aroclor 1248	"	ND	-----	2790	"	"	"	"	"	
Aroclor 1254	"	ND	-----	2790	"	"	"	"	"	
Aroclor 1260	"	ND	-----	2790	"	"	"	"	"	
Aroclor 1262	"	ND	-----	2790	"	"	"	"	"	
Aroclor 1268	"	ND	-----	2790	"	"	"	"	"	
Surrogate(s): *TCX*			*106%*		*65 - 125 %*	"			"	
Decachlorobiphenyl			*124%*		*40 - 150 %*	"			"	
BRE0134-25 (T5-050608-8-SW)		**Soil**			**Sampled: 05/06/08 11:25**					**H4**
Aroclor 1016	EPA 8082	ND	-----	290	ug/kg dry	10x	8E28037	05/28/08 13:45	06/04/08 12:50	**RL1**
Aroclor 1221	"	ND	-----	581	"	"	"	"	"	
Aroclor 1232	"	ND	-----	290	"	"	"	"	"	
Aroclor 1242	"	ND	-----	290	"	"	"	"	"	
Aroclor 1248	"	ND	-----	290	"	"	"	"	"	
Aroclor 1254	"	ND	-----	290	"	"	"	"	"	
Aroclor 1260	"	ND	-----	290	"	"	"	"	"	**RL1**
Aroclor 1262	"	ND	-----	290	"	"	"	"	"	
Aroclor 1268	"	ND	-----	290	"	"	"	"	"	
Surrogate(s): *TCX*			*164%*		*65 - 125 %*	"			"	*ZX*
Decachlorobiphenyl			*144%*		*40 - 150 %*	"			"	
BRE0134-35 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Aroclor 1016	EPA 8082	ND	-----	843	ug/kg dry	10x	8E21059	05/21/08 17:52	06/04/08 19:18	
Aroclor 1221	"	ND	-----	1690	"	"	"	"	"	
Aroclor 1232	"	ND	-----	843	"	"	"	"	"	
Aroclor 1242	"	ND	-----	843	"	"	"	"	"	
Aroclor 1248	"	ND	-----	843	"	"	"	"	"	
Aroclor 1254	"	ND	-----	843	"	"	"	"	"	
Aroclor 1260	"	ND	-----	843	"	"	"	"	"	
Aroclor 1262	"	ND	-----	843	"	"	"	"	"	
Aroclor 1268	"	ND	-----	843	"	"	"	"	"	
Surrogate(s): *TCX*			*82.7%*		*65 - 125 %*	"			"	
Decachlorobiphenyl			*84.9%*		*40 - 150 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Aroclor 1016	EPA 8082	ND	-----	277	ug/kg dry	10x	8E21059	05/21/08 17:52	06/04/08 19:35	
Aroclor 1221	"	ND	-----	554	"	"	"	"	"	
Aroclor 1232	"	ND	-----	277	"	"	"	"	"	
Aroclor 1242	"	ND	-----	277	"	"	"	"	"	
Aroclor 1248	"	ND	-----	277	"	"	"	"	"	
Aroclor 1254	"	ND	-----	277	"	"	"	"	"	
Aroclor 1260	"	ND	-----	277	"	"	"	"	"	
Aroclor 1262	"	ND	-----	277	"	"	"	"	"	
Aroclor 1268	"	ND	-----	277	"	"	"	"	"	
Surrogate(s): TCX			*98.6%*		*65 - 125 %*	"			"	
Decachlorobiphenyl			*89.3%*		*40 - 150 %*	"			"	
BRE0134-43 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					
Aroclor 1016	EPA 8082	ND	-----	540	ug/kg dry	10x	8E21059	05/21/08 17:52	06/04/08 20:46	
Aroclor 1221	"	ND	-----	1080	"	"	"	"	"	
Aroclor 1232	"	ND	-----	540	"	"	"	"	"	
Aroclor 1242	"	ND	-----	540	"	"	"	"	"	
Aroclor 1248	"	ND	-----	540	"	"	"	"	"	
Aroclor 1254	"	ND	-----	540	"	"	"	"	"	
Aroclor 1260	"	ND	-----	540	"	"	"	"	"	
Aroclor 1262	"	ND	-----	540	"	"	"	"	"	
Aroclor 1268	"	ND	-----	540	"	"	"	"	"	
Surrogate(s): TCX			*86.6%*		*65 - 125 %*	"			"	
Decachlorobiphenyl			*94.2%*		*40 - 150 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-02 (T1-050608-8-NE)		**Soil**			**Sampled: 05/06/08 13:52**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0117	mg/kg dry	1x	8E12039	05/12/08 13:31	05/20/08 01:34	
Acenaphthylene	"	ND	-----	0.0117	"	"	"	"	"	
Anthracene	"	ND	-----	0.0117	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0117	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0117	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0117	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0117	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0117	"	"	"	"	"	
Chrysene	"	**0.0155**	-----	0.0117	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0117	"	"	"	"	"	
Fluoranthene	"	**0.0132**	-----	0.0117	"	"	"	"	"	
Fluorene	"	ND	-----	0.0117	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0117	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0117	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0117	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0117	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0117	"	"	"	"	"	
Pyrene	"	**0.0163**	-----	0.0117	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*93.4%*			*50 - 147 %*	"			"	
BRE0134-03 (T1-050608-8-SW)		**Soil**			**Sampled: 05/06/08 14:07**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0128	mg/kg dry	1x	8E12039	05/12/08 13:31	05/20/08 01:09	
Acenaphthylene	"	ND	-----	0.0128	"	"	"	"	"	
Anthracene	"	ND	-----	0.0128	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0255**	-----	0.0128	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0230**	-----	0.0128	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0366**	-----	0.0128	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.0204**	-----	0.0128	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.0281**	-----	0.0128	"	"	"	"	"	
Chrysene	"	**0.0502**	-----	0.0128	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0128	"	"	"	"	"	
Fluoranthene	"	**0.0204**	-----	0.0128	"	"	"	"	"	
Fluorene	"	ND	-----	0.0128	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0153**	-----	0.0128	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0128	"	"	"	"	"	
2-Methylnaphthalene	"	**0.0153**	-----	0.0128	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0128	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0128	"	"	"	"	"	
Pyrene	"	**0.0340**	-----	0.0128	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*94.9%*			*50 - 147 %*	"			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-07 (T2-050608-8-SW)		**Soil**			**Sampled: 05/06/08 15:13**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.327	mg/kg dry	10x	8E12039	05/12/08 13:31	05/20/08 03:44	
Acenaphthylene	"	ND	-----	0.327	"	"	"	"	"	
Anthracene	"	ND	-----	0.327	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.327	"	"	"	"	"	
Benzo (a) pyrene	"	**0.415**	-----	0.327	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.327	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.327	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.327	"	"	"	"	"	
Chrysene	"	ND	-----	0.327	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.327	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.327	"	"	"	"	"	
Fluorene	"	ND	-----	0.327	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.327	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.327	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.327	"	"	"	"	"	
Naphthalene	"	ND	-----	0.327	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.327	"	"	"	"	"	
Pyrene	"	ND	-----	0.327	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*109%*			*50 - 147 %*	"			"	
BRE0134-08 (T2-050608-8-NE)		**Soil**			**Sampled: 05/06/08 16:03**					**RL1**
Acenaphthene	EPA 8270C-SIM	ND	-----	0.282	mg/kg dry	10x	8E12039	05/12/08 13:31	05/20/08 03:19	
Acenaphthylene	"	ND	-----	0.282	"	"	"	"	"	
Anthracene	"	ND	-----	0.282	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.282	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.282	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.282	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.282	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.282	"	"	"	"	"	
Chrysene	"	ND	-----	0.282	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.282	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.282	"	"	"	"	"	
Fluorene	"	ND	-----	0.282	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.282	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.282	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.282	"	"	"	"	"	
Naphthalene	"	ND	-----	0.282	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.282	"	"	"	"	"	
Pyrene	"	ND	-----	0.282	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*105%*			*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-11 (TP-18-050808-8)		**Soil**			**Sampled: 05/08/08 12:29**					**RL1**
Acenaphthene	EPA 8270C-SIM	ND	-----	0.133	mg/kg dry	10x	8E12039	05/12/08 13:31	05/20/08 02:53	
Acenaphthylene	"	ND	-----	0.133	"	"	"	"	"	
Anthracene	"	ND	-----	0.133	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.133	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.133	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.133	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.133	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.133	"	"	"	"	"	
Chrysene	"	ND	-----	0.133	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.133	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.133	"	"	"	"	"	
Fluorene	"	ND	-----	0.133	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.133	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.133	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.133	"	"	"	"	"	
Naphthalene	"	ND	-----	0.133	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.133	"	"	"	"	"	
Pyrene	"	ND	-----	0.133	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*98.4%*			*50 - 147 %*	"			"	
BRE0134-14 (T8-050808-6-SW)		**Soil**			**Sampled: 05/08/08 11:20**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0120	mg/kg dry	1x	8E12039	05/12/08 13:31	05/19/08 23:28	
Acenaphthylene	"	ND	-----	0.0120	"	"	"	"	"	
Anthracene	"	ND	-----	0.0120	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0120	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0120	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0120	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0120	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0120	"	"	"	"	"	
Chrysene	"	ND	-----	0.0120	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0120	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0120	"	"	"	"	"	
Fluorene	"	ND	-----	0.0120	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0120	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0120	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0120	"	"	"	"	"	
Naphthalene	"	**0.0376**	-----	0.0120	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0120	"	"	"	"	"	
Pyrene	"	ND	-----	0.0120	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*99.4%*			*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-15 (T8-050808-6-NE)		**Soil**			**Sampled: 05/08/08 12:04**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0118	mg/kg dry	1x	8E12039	05/12/08 13:31	05/19/08 23:53	
Acenaphthylene	"	ND	-----	0.0118	"	"	"	"	"	
Anthracene	"	ND	-----	0.0118	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0212**	-----	0.0118	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0204**	-----	0.0118	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0228**	-----	0.0118	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.0188**	-----	0.0118	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.0165**	-----	0.0118	"	"	"	"	"	
Chrysene	"	**0.0236**	-----	0.0118	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0118	"	"	"	"	"	
Fluoranthene	"	**0.0290**	-----	0.0118	"	"	"	"	"	
Fluorene	"	ND	-----	0.0118	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0141**	-----	0.0118	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0118	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0118	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0118	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0118	"	"	"	"	"	
Pyrene	"	**0.0298**	-----	0.0118	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*98.4%*		*50 - 147 %*	"			"	
BRE0134-19 (T7-050808-8-S)		**Soil**			**Sampled: 05/08/08 10:01**					
Acenaphthene	EPA 8270C-SIM	**15.5**	-----	4.15	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 14:13	
Acenaphthylene	"	ND	-----	4.15	"	"	"	"	"	
Anthracene	"	**9.97**	-----	4.15	"	"	"	"	"	
Benzo (a) anthracene	"	**5.54**	-----	4.15	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.15	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.15	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.15	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.15	"	"	"	"	"	
Chrysene	"	**13.8**	-----	4.15	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	4.15	"	"	"	"	"	
Fluoranthene	"	**5.26**	-----	4.15	"	"	"	"	"	
Fluorene	"	**18.0**	-----	4.15	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.15	"	"	"	"	"	
1-Methylnaphthalene	"	**82.8**	-----	4.15	"	"	"	"	"	
2-Methylnaphthalene	"	**107**	-----	4.15	"	"	"	"	"	
Naphthalene	"	**18.0**	-----	4.15	"	"	"	"	"	
Phenanthrene	"	**49.3**	-----	4.15	"	"	"	"	"	
Pyrene	"	**24.1**	-----	4.15	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*110%*		*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-20 (T7-050808-8-N)		**Soil**			**Sampled: 05/08/08 10:39**					
Acenaphthene	EPA 8270C-SIM	**4.55**	-----	1.52	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 14:45	
Acenaphthylene	"	ND	-----	1.52	"	"	"	"	"	
Anthracene	"	**2.13**	-----	1.52	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	1.52	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	1.52	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	1.52	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	1.52	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	1.52	"	"	"	"	"	
Chrysene	"	**3.04**	-----	1.52	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	1.52	"	"	"	"	"	
Fluoranthene	"	ND	-----	1.52	"	"	"	"	"	
Fluorene	"	**3.74**	-----	1.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	1.52	"	"	"	"	"	
1-Methylnaphthalene	"	**6.98**	-----	1.52	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	1.52	"	"	"	"	"	
Naphthalene	"	ND	-----	1.52	"	"	"	"	"	
Phenanthrene	"	ND	-----	1.52	"	"	"	"	"	
Pyrene	"	**5.16**	-----	1.52	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*110%*		*50 - 147 %*	"			"	
BRE0134-24 (T5-050608-8-NE)		**Soil**			**Sampled: 05/06/08 11:17**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0118	mg/kg dry	1x	8E12039	05/12/08 13:31	05/20/08 00:43	
Acenaphthylene	"	ND	-----	0.0118	"	"	"	"	"	
Anthracene	"	ND	-----	0.0118	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0118	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0118	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0118	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0118	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0118	"	"	"	"	"	
Chrysene	"	ND	-----	0.0118	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0118	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0118	"	"	"	"	"	
Fluorene	"	ND	-----	0.0118	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0118	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0118	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0118	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0118	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0118	"	"	"	"	"	
Pyrene	"	ND	-----	0.0118	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*94.5%*		*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-26 (T5-050608-8-W)		**Soil**			**Sampled: 05/06/08 11:47**					
Acenaphthene	EPA 8270C-SIM	**0.0668**	-----	0.0127	mg/kg dry	1x	8E12039	05/12/08 13:31	05/20/08 00:18	
Acenaphthylene	"	**0.0211**	-----	0.0127	"	"	"	"	"	
Anthracene	"	**0.0313**	-----	0.0127	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0177**	-----	0.0127	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0127	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0127	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0127	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0127	"	"	"	"	"	
Chrysene	"	**0.0237**	-----	0.0127	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0127	"	"	"	"	"	
Fluoranthene	"	**0.101**	-----	0.0127	"	"	"	"	"	
Fluorene	"	**0.109**	-----	0.0127	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0127	"	"	"	"	"	
1-Methylnaphthalene	"	**0.0169**	-----	0.0127	"	"	"	"	"	
2-Methylnaphthalene	"	**0.0313**	-----	0.0127	"	"	"	"	"	
Naphthalene	"	**0.0769**	-----	0.0127	"	"	"	"	"	
Phenanthrene	"	**0.220**	-----	0.0127	"	"	"	"	"	
Pyrene	"	**0.0684**	-----	0.0127	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*96.4%*		*50 - 147 %*	"			"	
BRE0134-28 (TP-17-050608-8)		**Soil**			**Sampled: 05/06/08 12:39**					**RL1**
Acenaphthene	EPA 8270C-SIM	ND	-----	0.107	mg/kg dry	10x	8E12039	05/12/08 13:31	05/20/08 02:03	
Acenaphthylene	"	ND	-----	0.107	"	"	"	"	"	
Anthracene	"	ND	-----	0.107	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.107	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.107	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.107	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.107	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.107	"	"	"	"	"	
Chrysene	"	ND	-----	0.107	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.107	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.107	"	"	"	"	"	
Fluorene	"	ND	-----	0.107	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.107	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.107	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.107	"	"	"	"	"	
Naphthalene	"	ND	-----	0.107	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.107	"	"	"	"	"	
Pyrene	"	ND	-----	0.107	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*113%*		*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-34 (T6-050708-8-S)		**Soil**			**Sampled: 05/07/08 13:17**					
Acenaphthene	EPA 8270C-SIM	**5.79**	-----	1.55	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 16:52	
Acenaphthylene	"	ND	-----	1.55	"	"	"	"	"	
Anthracene	"	**3.51**	-----	1.55	"	"	"	"	"	
Benzo (a) anthracene	"	**1.86**	-----	1.55	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	1.55	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	1.55	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	1.55	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	1.55	"	"	"	"	"	
Chrysene	"	**4.55**	-----	1.55	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	1.55	"	"	"	"	"	
Fluoranthene	"	**1.76**	-----	1.55	"	"	"	"	"	
Fluorene	"	**6.92**	-----	1.55	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	1.55	"	"	"	"	"	
1-Methylnaphthalene	"	**33.1**	-----	1.55	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	1.55	"	"	"	"	"	
Naphthalene	"	**1.86**	-----	1.55	"	"	"	"	"	
Phenanthrene	"	**11.0**	-----	1.55	"	"	"	"	"	
Pyrene	"	**9.92**	-----	1.55	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*96.0%*		*50 - 147 %*	"			"	
BRE0134-35 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Acenaphthene	EPA 8270C-SIM	**7.39**	-----	1.61	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 17:24	
Acenaphthylene	"	ND	-----	1.61	"	"	"	"	"	
Anthracene	"	**5.78**	-----	1.61	"	"	"	"	"	
Benzo (a) anthracene	"	**2.68**	-----	1.61	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	1.61	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	1.61	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	1.61	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	1.61	"	"	"	"	"	
Chrysene	"	**7.17**	-----	1.61	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	1.61	"	"	"	"	"	
Fluoranthene	"	**2.89**	-----	1.61	"	"	"	"	"	
Fluorene	"	**10.5**	-----	1.61	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	1.61	"	"	"	"	"	
1-Methylnaphthalene	"	**55.1**	-----	1.61	"	"	"	"	"	
2-Methylnaphthalene	"	**32.2**	-----	1.61	"	"	"	"	"	
Naphthalene	"	**10.1**	-----	1.61	"	"	"	"	"	
Phenanthrene	"	**25.7**	-----	1.61	"	"	"	"	"	
Pyrene	"	**13.7**	-----	1.61	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*120%*		*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					**RL1**
Acenaphthene	EPA 8270C-SIM	ND	-----	0.109	mg/kg dry	10x	8E12039	05/12/08 13:31	05/20/08 02:28	
Acenaphthylene	"	ND	-----	0.109	"	"	"	"	"	
Anthracene	"	ND	-----	0.109	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.109	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.109	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.109	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.109	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.109	"	"	"	"	"	
Chrysene	"	ND	-----	0.109	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.109	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.109	"	"	"	"	"	
Fluorene	"	ND	-----	0.109	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.109	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.109	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.109	"	"	"	"	"	
Naphthalene	"	ND	-----	0.109	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.109	"	"	"	"	"	
Pyrene	"	ND	-----	0.109	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*106%*		*50 - 147 %*	"			"	
BRE0134-38 (T3-050708-8-NE)		**Soil**			**Sampled: 05/07/08 10:03**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.530	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 18:27	
Acenaphthylene	"	ND	-----	0.530	"	"	"	"	"	
Anthracene	"	ND	-----	0.530	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.530	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.530	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.530	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.530	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.530	"	"	"	"	"	
Chrysene	"	**0.635**	-----	0.530	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.530	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.530	"	"	"	"	"	
Fluorene	"	ND	-----	0.530	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.530	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.530	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.530	"	"	"	"	"	
Naphthalene	"	ND	-----	0.530	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.530	"	"	"	"	"	
Pyrene	"	**1.66**	-----	0.530	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*94.0%*		*50 - 147 %*	"			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-42 (T4-050708-8-S)		**Soil**			**Sampled: 05/07/08 10:52**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.600	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 18:59	
Acenaphthylene	"	ND	-----	0.600	"	"	"	"	"	
Anthracene	"	**1.00**	-----	0.600	"	"	"	"	"	
Benzo (a) anthracene	"	**0.680**	-----	0.600	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.600	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.600	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.600	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.600	"	"	"	"	"	
Chrysene	"	**1.56**	-----	0.600	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.600	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.600	"	"	"	"	"	
Fluorene	"	ND	-----	0.600	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.600	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.600	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.600	"	"	"	"	"	
Naphthalene	"	ND	-----	0.600	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.600	"	"	"	"	"	
Pyrene	"	**3.60**	-----	0.600	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*120%*			*50 - 147 %*	"			"	
BRE0134-43 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					
Acenaphthene	EPA 8270C-SIM	**4.13**	-----	1.59	mg/kg dry	50x	8E12039	05/12/08 13:31	05/18/08 19:31	
Acenaphthylene	"	ND	-----	1.59	"	"	"	"	"	
Anthracene	"	ND	-----	1.59	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	1.59	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	1.59	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	1.59	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	1.59	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	1.59	"	"	"	"	"	
Chrysene	"	**3.39**	-----	1.59	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	1.59	"	"	"	"	"	
Fluoranthene	"	ND	-----	1.59	"	"	"	"	"	
Fluorene	"	**2.12**	-----	1.59	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	1.59	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	1.59	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	1.59	"	"	"	"	"	
Naphthalene	"	ND	-----	1.59	"	"	"	"	"	
Phenanthrene	"	ND	-----	1.59	"	"	"	"	"	
Pyrene	"	**7.20**	-----	1.59	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*94.0%*			*50 - 147 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Physical Parameters by APHA/ASTM/EPA Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-02 (T1-050608-8-NE)		**Soil**				**Sampled: 05/06/08 13:52**				
Dry Weight	BSOPSPL003R08	**84.7**	-----	1.00	%	1x	8E13043	05/13/08 13:33	05/14/08 00:00	
BRE0134-03 (T1-050608-8-SW)		**Soil**				**Sampled: 05/06/08 14:07**				
Dry Weight	BSOPSPL003R08	**78.1**	-----	1.00	%	1x	8E13043	05/13/08 13:33	05/14/08 00:00	
BRE0134-07 (T2-050608-8-SW)		**Soil**				**Sampled: 05/06/08 15:13**				
Dry Weight	BSOPSPL003R08	**76.1**	-----	1.00	%	1x	8E13043	05/13/08 13:33	05/14/08 00:00	
BRE0134-08 (T2-050608-8-NE)		**Soil**				**Sampled: 05/06/08 16:03**				
Dry Weight	BSOPSPL003R08	**88.2**	-----	1.00	%	1x	8E13043	05/13/08 13:33	05/14/08 00:00	
BRE0134-09 (T3-050708-2-C)		**Soil**				**Sampled: 05/07/08 08:29**				
Dry Weight	BSOPSPL003R08	**91.4**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-10 (T3-050708-4-NE)		**Soil**				**Sampled: 05/07/08 08:36**				
Dry Weight	BSOPSPL003R08	**90.2**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-11 (TP-18-050808-8)		**Soil**				**Sampled: 05/08/08 12:29**				
Dry Weight	BSOPSPL003R08	**75.0**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-12 (T8-050808-2-SW)		**Soil**				**Sampled: 05/08/08 11:08**				
Dry Weight	BSOPSPL003R08	**80.4**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-13 (T8-050808-4-NE)		**Soil**				**Sampled: 05/08/08 11:57**				
Dry Weight	BSOPSPL003R08	**92.0**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-14 (T8-050808-6-SW)		**Soil**				**Sampled: 05/08/08 11:20**				
Dry Weight	BSOPSPL003R08	**84.4**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-15 (T8-050808-6-NE)		**Soil**				**Sampled: 05/08/08 12:04**				

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Physical Parameters by APHA/ASTM/EPA Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-15 (T8-050808-6-NE)		**Soil**				**Sampled: 05/08/08 12:04**				
Dry Weight	BSOPSPL003R08	**85.2**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-16 (T7-050808-2-S)		**Soil**				**Sampled: 05/08/08 09:20**				
Dry Weight	BSOPSPL003R08	**95.4**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-17 (T7-050808-4-N)		**Soil**				**Sampled: 05/08/08 10:37**				
Dry Weight	BSOPSPL003R08	**90.2**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-18 (T7-050808-6-S)		**Soil**				**Sampled: 05/08/08 09:38**				
Dry Weight	BSOPSPL003R08	**84.4**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-19 (T7-050808-8-S)		**Soil**				**Sampled: 05/08/08 10:01**				
Dry Weight	BSOPSPL003R08	**86.8**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-20 (T7-050808-8-N)		**Soil**				**Sampled: 05/08/08 10:39**				
Dry Weight	BSOPSPL003R08	**94.1**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-24 (T5-050608-8-NE)		**Soil**				**Sampled: 05/06/08 11:17**				
Dry Weight	BSOPSPL003R08	**83.6**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-25 (T5-050608-8-SW)		**Soil**				**Sampled: 05/06/08 11:25**				
Dry Weight	BSOPSPL003R08	**85.2**	-----	1.00	%	1x	8E28041	05/28/08 13:49	05/29/08 00:00	
BRE0134-26 (T5-050608-8-W)		**Soil**				**Sampled: 05/06/08 11:47**				
Dry Weight	BSOPSPL003R08	**78.9**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-28 (TP-17-050608-8)		**Soil**				**Sampled: 05/06/08 12:39**				
Dry Weight	BSOPSPL003R08	**93.8**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-31 (T6-050708-2-N)		**Soil**				**Sampled: 05/07/08 12:53**				

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Physical Parameters by APHA/ASTM/EPA Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-31 (T6-050708-2-N)		**Soil**			**Sampled: 05/07/08 12:53**					
Dry Weight	BSOPSPL003R08	95.0	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-32 (T6-050708-4-S)		**Soil**			**Sampled: 05/07/08 13:03**					
Dry Weight	BSOPSPL003R08	92.1	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-33 (T6-050708-6-N)		**Soil**			**Sampled: 05/07/08 13:45**					
Dry Weight	BSOPSPL003R08	94.3	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-34 (T6-050708-8-S)		**Soil**			**Sampled: 05/07/08 13:17**					
Dry Weight	BSOPSPL003R08	94.9	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-35 (T6-050708-10-N)		**Soil**			**Sampled: 05/07/08 14:03**					
Dry Weight	BSOPSPL003R08	89.0	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-36 (T3-050708-6-SW)		**Soil**			**Sampled: 05/07/08 08:52**					
Dry Weight	BSOPSPL003R08	83.6	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-37 (T3-050708-8-SW)		**Soil**			**Sampled: 05/07/08 09:16**					
Dry Weight	BSOPSPL003R08	89.9	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-38 (T3-050708-8-NE)		**Soil**			**Sampled: 05/07/08 10:03**					
Dry Weight	BSOPSPL003R08	93.5	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-39 (T4-050708-2-S)		**Soil**			**Sampled: 05/07/08 10:22**					
Dry Weight	BSOPSPL003R08	92.8	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-40 (T4-050708-4-N)		**Soil**			**Sampled: 05/07/08 10:31**					
Dry Weight	BSOPSPL003R08	88.7	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-41 (T4-050708-6-N)		**Soil**			**Sampled: 05/07/08 11:14**					

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Physical Parameters by APHA/ASTM/EPA Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-41 (T4-050708-6-N)		**Soil**			**Sampled: 05/07/08 11:14**					
Dry Weight	BSOPSPL003R08	**91.3**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-42 (T4-050708-8-S)		**Soil**			**Sampled: 05/07/08 10:52**					
Dry Weight	BSOPSPL003R08	**82.8**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-43 (T4-050708-8-N)		**Soil**			**Sampled: 05/07/08 11:40**					
Dry Weight	BSOPSPL003R08	**92.6**	-----	1.00	%	1x	8E13044	05/13/08 13:34	05/14/08 00:00	
BRE0134-44 (T9-050808-8-SE)		**Soil**			**Sampled: 05/08/08 13:42**					
Dry Weight	BSOPSPL003R08	**91.6**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	
BRE0134-45 (TP-19-050808-8)		**Soil**			**Sampled: 05/08/08 12:39**					
Dry Weight	BSOPSPL003R08	**83.7**	-----	1.00	%	1x	8E23038	05/23/08 18:32	05/27/08 00:00	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Total Metals by EPA 6010/7000 Series Methods

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-03 (T1-050608-8-SW)		**Soil**					**Sampled: 05/06/08 14:07**			
Mercury	EPA 7471	**0.0745**	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 14:20	
BRE0134-08 (T2-050608-8-NE)		**Soil**					**Sampled: 05/06/08 16:03**			
Mercury	EPA 7471	ND	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:14	
BRE0134-15 (T8-050808-6-NE)		**Soil**					**Sampled: 05/08/08 12:04**			
Mercury	EPA 7471	ND	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:16	
BRE0134-19 (T7-050808-8-S)		**Soil**					**Sampled: 05/08/08 10:01**			
Mercury	EPA 7471	ND	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:18	
BRE0134-25 (T5-050608-8-SW)		**Soil**					**Sampled: 05/06/08 11:25**			
Mercury	EPA 7471	**0.0672**	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:20	
BRE0134-35 (T6-050708-10-N)		**Soil**					**Sampled: 05/07/08 14:03**			
Mercury	EPA 7471	ND	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:23	
BRE0134-37 (T3-050708-8-SW)		**Soil**					**Sampled: 05/07/08 09:16**			
Mercury	EPA 7471	**0.0874**	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:25	
BRE0134-43 (T4-050708-8-N)		**Soil**					**Sampled: 05/07/08 11:40**			
Mercury	EPA 7471	ND	-----	0.0500	mg/kg dry	1x	8050148	05/30/08 09:37	05/30/08 13:27	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0134-03 (T1-050608-8-SW)		**Soil**				**Sampled: 05/06/08 14:07**				
% Solids	TA SOP	80.8	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-08 (T2-050608-8-NE)		**Soil**				**Sampled: 05/06/08 16:03**				
% Solids	TA SOP	93.1	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-15 (T8-050808-6-NE)		**Soil**				**Sampled: 05/08/08 12:04**				
% Solids	TA SOP	86.8	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-19 (T7-050808-8-S)		**Soil**				**Sampled: 05/08/08 10:01**				
% Solids	TA SOP	86.4	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-25 (T5-050608-8-SW)		**Soil**				**Sampled: 05/06/08 11:25**				
% Solids	TA SOP	83.6	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-35 (T6-050708-10-N)		**Soil**				**Sampled: 05/07/08 14:03**				
% Solids	TA SOP	89.0	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-37 (T3-050708-8-SW)		**Soil**				**Sampled: 05/07/08 09:16**				
% Solids	TA SOP	90.7	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	
BRE0134-43 (T4-050708-8-N)		**Soil**				**Sampled: 05/07/08 11:40**				
% Solids	TA SOP	95.0	-----	0.0100	% by Weight	1x	8060002	06/02/08 07:00	06/02/08 13:27	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E11006 **Soil Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E11006-BLK1)							Extracted: 05/11/08 09:54							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	05/13/08 18:18	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.9%*			*Limits: 50-150%*	"							*05/13/08 18:18*	
LCS (8E11006-BS1)							Extracted: 05/11/08 09:54							
Gasoline Range Hydrocarbons	NWTPH-Gx	46.5	---	5.00	mg/kg wet	1x	--	50.0	93.1%	(75-125)	--	--	05/13/08 18:51	
Surrogate(s): 4-BFB (FID)		*Recovery: 96.6%*			*Limits: 50-150%*	"							*05/13/08 18:51*	
Duplicate (8E11006-DUP1)					QC Source: BRE0134-02		Extracted: 05/11/08 09:54							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	11.3	mg/kg dry	1x	ND	--	--	--	5.24%	(40)	05/13/08 20:30	
Surrogate(s): 4-BFB (FID)		*Recovery: 96.6%*			*Limits: 50-150%*	"							*05/13/08 20:30*	
Duplicate (8E11006-DUP2)					QC Source: BRE0134-03		Extracted: 05/11/08 09:54							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	12.6	mg/kg dry	1x	ND	--	--	--	8.30%	(40)	05/13/08 21:36	
Surrogate(s): 4-BFB (FID)		*Recovery: 101%*			*Limits: 50-150%*	"							*05/13/08 21:36*	
Matrix Spike (8E11006-MS1)					QC Source: BRE0134-02		Extracted: 05/11/08 09:54							
Gasoline Range Hydrocarbons	NWTPH-Gx	117	---	11.3	mg/kg dry	1x	2.85	104	109%	(60-175)	--	--	05/13/08 22:42	
Surrogate(s): 4-BFB (FID)		*Recovery: 106%*			*Limits: 50-150%*	"							*05/13/08 22:42*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E12040 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E12040-BLK1)							**Extracted: 05/12/08 13:33**							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	05/13/08 21:37	
Lube Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 90.9%*			*Limits: 54-148%*	"							*05/13/08 21:37*	
Octacosane		*99.0%*			*62-142%*	"							"	
LCS (8E12040-BS1)							**Extracted: 05/12/08 13:33**							
Diesel Range Hydrocarbons	NWTPH-Dx	62.0	---	10.0	mg/kg wet	1x	--	66.7	92.9%	(78-129)	--	--	05/13/08 22:03	
Surrogate(s): 2-FBP		*Recovery: 92.9%*			*Limits: 54-148%*	"							*05/13/08 22:03*	
Octacosane		*102%*			*62-142%*	"							"	
Duplicate (8E12040-DUP2)					**QC Source: BRE0134-38**		**Extracted: 05/12/08 13:33**							
Diesel Range Hydrocarbons	NWTPH-Dx	66.7	---	53.3	mg/kg dry	5x	ND	--	--	--	29.2%	(40)	05/13/08 22:56	
Lube Oil Range Hydrocarbons	"	195	---	133	"	"	142	--	--	--	31.5%	"	"	
Surrogate(s): 2-FBP		*Recovery: 139%*			*Limits: 54-148%*	"							*05/13/08 22:56*	
Octacosane		*124%*			*62-142%*	"							"	
Duplicate (8E12040-DUP3)					**QC Source: BRE0134-07RE1**		**Extracted: 05/12/08 13:33**							
Diesel Range Hydrocarbons	NWTPH-Dx	589	---	263	mg/kg dry	20x	854	--	--	--	36.7%	(40)	05/15/08 09:13	
Lube Oil Range Hydrocarbons	"	2990	---	657	"	"	3840	--	--	--	24.9%	"	"	
Surrogate(s): 2-FBP		*Recovery: 274%*			*Limits: 54-148%*	"							*05/15/08 09:13*	*Z3*
Octacosane		*171%*			*62-142%*	"							"	*Z3*
Matrix Spike (8E12040-MS2)					**QC Source: BRE0134-07RE1**		**Extracted: 05/12/08 13:33**							
Diesel Range Hydrocarbons	NWTPH-Dx	422	---	263	mg/kg dry	20x	854	87.6	-493%	(46-155)	--	--	05/15/08 09:40	**MHA**
Surrogate(s): 2-FBP		*Recovery: 274%*			*Limits: 54-148%*	"							*05/15/08 09:40*	*Z3*
Octacosane		*174%*			*62-142%*	"							"	*Z3*

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E11006 **Soil Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E11006-BLK1)								**Extracted: 05/11/08 09:54**						
Benzene	EPA 8021B	ND	---	0.0300	mg/kg wet	1x	--	--	--	--	--	--	05/13/08 18:18	
Toluene	"	ND	---	0.0500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.0500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 103%*			*Limits: 63-150%*	"							*05/13/08 18:18*	
LCS (8E11006-BS2)								**Extracted: 05/11/08 09:54**						
Benzene	EPA 8021B	1.42	---	0.0300	mg/kg wet	1x	--	1.50	94.7%	(75-125)	--	--	05/13/08 19:24	
Toluene	"	1.44	---	0.0500	"	"	--	"	96.2%	"	--	--	"	
Ethylbenzene	"	1.45	---	0.0500	"	"	--	"	96.9%	"	--	--	"	
Xylenes (total)	"	4.37	---	0.100	"	"	--	4.50	97.2%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 103%*			*Limits: 63-150%*	"							*05/13/08 19:24*	
Duplicate (8E11006-DUP1)					**QC Source: BRE0134-02**			**Extracted: 05/11/08 09:54**						
Benzene	EPA 8021B	ND	---	0.0679	mg/kg dry	1x	ND	--	--	--	NR	(35)	05/13/08 20:30	
Toluene	"	0.113	---	0.113	"	"	0.117	--	--	--	3.24%	"	"	
Ethylbenzene	"	ND	---	0.113	"	"	ND	--	--	--	44.7%	"	"	R4
Xylenes (total)	"	ND	---	0.226	"	"	ND	--	--	--	45.1%	"	"	R4
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 63-150%*	"							*05/13/08 20:30*	
Duplicate (8E11006-DUP2)					**QC Source: BRE0134-03**			**Extracted: 05/11/08 09:54**						
Benzene	EPA 8021B	ND	---	0.0755	mg/kg dry	1x	ND	--	--	--	NR	(35)	05/13/08 21:36	
Toluene	"	ND	---	0.126	"	"	ND	--	--	--	4.69%	"	"	
Ethylbenzene	"	ND	---	0.126	"	"	ND	--	--	--	3.80%	"	"	
Xylenes (total)	"	ND	---	0.252	"	"	ND	--	--	--	1.42%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 120%*			*Limits: 63-150%*	"							*05/13/08 21:36*	
Matrix Spike (8E11006-MS2)					**QC Source: BRE0134-03**			**Extracted: 05/11/08 09:54**						
Benzene	EPA 8021B	3.93	---	0.0755	mg/kg dry	1x	ND	3.36	117%	(60-160)	--	--	05/13/08 23:16	
Toluene	"	4.04	---	0.126	"	"	0.0330	"	119%	"	--	--	"	
Ethylbenzene	"	4.13	---	0.126	"	"	0.0162	"	123%	"	--	--	"	
Xylenes (total)	"	12.4	---	0.252	"	"	0.0624	10.1	123%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 120%*			*Limits: 63-150%*	"							*05/13/08 23:16*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E27023 **Soil Preparation Method: EPA 3050B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E27023-BLK1)								Extracted: 05/27/08 11:32						
Barium	EPA 6020	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	05/28/08 15:41	
Lead	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Selenium	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Silver	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Arsenic	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
LCS (8E27023-BS1)								Extracted: 05/27/08 11:32						
Barium	EPA 6020	38.2	---	5.00	mg/kg wet	1x	--	40.0	95.6%	(80-120)	--	--	05/28/08 15:47	
Lead	"	36.9	---	0.500	"	"	--	"	92.1%	"	--	--	"	
Selenium	"	37.8	---	1.00	"	"	--	"	94.4%	"	--	--	"	
Cadmium	"	37.0	---	0.500	"	"	--	"	92.4%	"	--	--	"	
Chromium	"	39.6	---	0.500	"	"	--	"	99.1%	"	--	--	"	
Silver	"	36.9	---	0.500	"	"	--	"	92.4%	"	--	--	"	
Arsenic	"	37.0	---	0.500	"	"	--	"	92.4%	"	--	--	"	
Duplicate (8E27023-DUP1)					QC Source: BRE0107-15				Extracted: 05/27/08 11:32					
Chromium	EPA 6020	32.4	---	0.531	mg/kg dry	1x	38.9	--	--	--	18.4%	(40)	05/28/08 16:05	
Arsenic	"	3.73	---	0.531	"	"	3.27	--	--	--	13.2%	"	"	
Selenium	"	ND	---	1.06	"	"	ND	--	--	--	8.42%	"	"	
Silver	"	ND	---	0.531	"	"	ND	--	--	--		"	"	
Barium	"	51.1	---	5.31	"	"	51.0	--	--	--	0.240%	(30)	"	
Lead	"	24.8	---	0.531	"	"	23.8	--	--	--	3.93%	(40)	"	
Cadmium	"	ND	---	0.531	"	"	ND	--	--	--	4.65%	"	"	
Matrix Spike (8E27023-MS1)					QC Source: BRE0107-15				Extracted: 05/27/08 11:32					
Cadmium	EPA 6020	39.0	---	0.515	mg/kg dry	1x	0.284	41.2	93.8%	(75-125)	--	--	05/28/08 15:59	
Arsenic	"	41.3	---	0.515	"	"	3.27	"	92.3%	(59-125)	--	--	"	
Selenium	"	38.5	---	1.03	"	"	0.342	"	92.6%	(73-120)	--	--	"	
Silver	"	37.4	---	0.515	"	"	ND	"	90.7%	(73-125)	--	--	"	
Lead	"	65.5	---	0.515	"	"	23.8	"	101%	(60-134)	--	--	"	
Chromium	"	73.3	---	0.515	"	"	38.9	"	83.3%	(64-138)	--	--	"	
Barium	"	91.1	---	5.15	"	"	51.0	"	97.2%	(23-160)	--	--	"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E27023 **Soil Preparation Method: EPA 3050B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Post Spike (8E27023-PS1)					QC Source: BRE0107-15				Extracted: 05/27/08 11:32					
Selenium	EPA 6020	0.0967	---		ug/ml	1x	0.000650	0.100	96.0%	(75-125)	--	--	05/28/08 15:53	
Silver	"	0.0941	---		"	"	0.000100	"	94.0%	"	--	--	"	
Chromium	"	0.178	---		"	"	0.0741	"	104%	"	--	--	"	
Cadmium	"	0.0984	---		"	"	0.000540	"	97.8%	"	--	--	"	
Barium	"	0.198	---		"	"	0.0971	"	101%	"	--	--	"	
Arsenic	"	0.104	---		"	"	0.00622	0.0995	98.7%	"	--	--	"	
Lead	"	0.142	---		"	"	0.0454	0.100	96.0%	"	--	--	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E21059 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E21059-BLK1)								Extracted: 05/21/08 17:52						
Aroclor 1016	EPA 8082	ND	---	25.0	ug/kg wet	1x	--	--	--	--	--	--	06/04/08 11:57	
Aroclor 1221	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Aroclor 1232	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1242	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1248	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1254	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1260	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1262	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1268	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): TCX		*Recovery: 101%*			*Limits: 65-125%*	"							*06/04/08 11:57*	
Decachlorobiphenyl		*100%*			*40-150%*	"							"	
LCS (8E21059-BS1)								Extracted: 05/21/08 17:52						
Aroclor 1016	EPA 8082	86.6	---	25.0	ug/kg wet	1x	--	83.3	104%	(80-120)	--	--	06/04/08 14:35	
Aroclor 1260	"	76.2	---	25.0	"	"	--	"	91.5%	(70-124)	--	--	"	
Surrogate(s): TCX		*Recovery: 107%*			*Limits: 65-125%*	"							*06/04/08 14:35*	
Decachlorobiphenyl		*91.7%*			*40-150%*	"							"	
Matrix Spike (8E21059-MS1)					QC Source: BRE0134-09			Extracted: 05/21/08 17:52						
Aroclor 1016	EPA 8082	67.2	---	271	ug/kg dry	10x	ND	90.2	74.4%	(68-132)	--	--	06/04/08 17:31	
Aroclor 1260	"	130	---	271	"	"	ND	"	144%	(59-131)	--	--	"	M1
Surrogate(s): TCX		*Recovery: 99.3%*			*Limits: 65-125%*	"							*06/04/08 17:31*	
Decachlorobiphenyl		*98.4%*			*40-150%*	"							"	
Matrix Spike Dup (8E21059-MSD1)					QC Source: BRE0134-09			Extracted: 05/21/08 17:52						
Aroclor 1016	EPA 8082	62.5	---	273	ug/kg dry	10x	ND	90.8	68.8%	(68-132)	7.25%	(20)	06/04/08 17:49	
Aroclor 1260	"	105	---	273	"	"	ND	"	116%	(59-131)	20.9%	(35)	"	
Surrogate(s): TCX		*Recovery: 94.6%*			*Limits: 65-125%*	"							*06/04/08 17:49*	
Decachlorobiphenyl		*103%*			*40-150%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E22044 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E22044-BLK1)								Extracted: 05/22/08 13:36						
Aroclor 1016	EPA 8082	ND	---	25.0	ug/kg wet	1x	--	--	--	--	--	--	06/04/08 14:00	
Aroclor 1221	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Aroclor 1232	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1242	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1248	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1254	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1260	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1262	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1268	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): TCX		*Recovery: 106%*			*Limits: 65-125%*	"							*06/04/08 14:00*	
Decachlorobiphenyl		*90.1%*			*40-150%*	"							"	
LCS (8E22044-BS1)								Extracted: 05/22/08 13:36						
Aroclor 1016	EPA 8082	84.0	---	25.0	ug/kg wet	1x	--	83.3	101%	(80-120)	--	--	06/04/08 14:17	
Aroclor 1260	"	75.5	---	25.0	"	"	--	"	90.6%	(70-124)	--	--	"	
Surrogate(s): TCX		*Recovery: 106%*			*Limits: 65-125%*	"							*06/04/08 14:17*	
Decachlorobiphenyl		*91.7%*			*40-150%*	"							"	
Matrix Spike (8E22044-MS1)					QC Source: BRE0134-16			Extracted: 05/22/08 13:36						
Aroclor 1016	EPA 8082	99.4	---	262	ug/kg dry	10x	ND	87.3	114%	(68-132)	--	--	06/04/08 16:56	
Aroclor 1260	"	70.3	---	262	"	"	ND	"	80.5%	(59-131)	--	--	"	
Surrogate(s): TCX		*Recovery: 112%*			*Limits: 65-125%*	"							*06/04/08 16:56*	
Decachlorobiphenyl		*116%*			*40-150%*	"							"	
Matrix Spike Dup (8E22044-MSD1)					QC Source: BRE0134-16			Extracted: 05/22/08 13:36						
Aroclor 1016	EPA 8082	136	---	264	ug/kg dry	10x	ND	87.9	155%	(68-132)	31.3%	(20)	06/04/08 17:14	M1, R3
Aroclor 1260	"	153	---	264	"	"	ND	"	173%	(59-131)	73.8%	(35)	"	M1, R3
Surrogate(s): TCX		*Recovery: 117%*			*Limits: 65-125%*	"							*06/04/08 17:14*	
Decachlorobiphenyl		*104%*			*40-150%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E28037 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E28037-BLK1)								Extracted: 05/28/08 13:45						
Aroclor 1016	EPA 8082	ND	---	25.0	ug/kg wet	1x	--	--	--	--	--	--	06/02/08 13:20	
Aroclor 1221	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Aroclor 1232	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1242	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1248	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1254	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1260	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1262	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1268	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): TCX		*Recovery: 98.4%*			*Limits: 65-125%*	"							*06/02/08 13:20*	
Decachlorobiphenyl		*87.6%*			*40-150%*	"							"	
LCS (8E28037-BS1)								Extracted: 05/28/08 13:45						
Aroclor 1016	EPA 8082	83.1	---	25.0	ug/kg wet	1x	--	83.3	99.8%	(80-120)	--	--	06/02/08 13:38	
Aroclor 1016 [2C]	"	86.1	---	25.0	"	"	--	"	103%	"	--	--	"	
Aroclor 1260	"	72.0	---	25.0	"	"	--	"	86.3%	(70-124)	--	--	"	
Aroclor 1260 [2C]	"	74.5	---	25.0	"	"	--	"	89.4%	"	--	--	"	
Surrogate(s): TCX		*Recovery: 101%*			*Limits: 65-125%*	"							*06/02/08 13:38*	
TCX [2C]		*112%*			*65-125%*	"							"	
Decachlorobiphenyl		*92.5%*			*40-150%*	"							"	
Decachlorobiphenyl [2C]		*94.2%*			*40-150%*	"							"	
Matrix Spike (8E28037-MS1)					QC Source: BRE0357-01			Extracted: 05/28/08 13:45						
Aroclor 1016	EPA 8082	108	---	49.7	ug/kg wet	2x	ND	82.8	131%	(68-132)	--	--	06/02/08 14:13	
Aroclor 1016 [2C]	"	108	---	49.7	"	"	ND	"	130%	"	--	--	"	
Aroclor 1260	"	101	---	49.7	"	"	ND	"	123%	(59-131)	--	--	"	
Aroclor 1260 [2C]	"	91.8	---	49.7	"	"	ND	"	111%	"	--	--	"	
Surrogate(s): TCX		*Recovery: 89.4%*			*Limits: 65-125%*	"							*06/02/08 14:13*	
TCX [2C]		*102%*			*65-125%*	"							"	
Decachlorobiphenyl		*86.9%*			*40-150%*	"							"	
Decachlorobiphenyl [2C]		*82.5%*			*40-150%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E28037 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8E28037-MSD1)					**QC Source: BRE0357-01**								**Extracted: 05/28/08 13:45**	
Aroclor 1016	EPA 8082	110	---	50.3	ug/kg wet	2x	ND	83.9	132%	(68-132)	2.10%	(20)	06/02/08 14:31	
Aroclor 1260	"	96.0	---	50.3	"	"	ND	"	114%	(59-131)	5.58%	(35)	"	
Surrogate(s): TCX		*Recovery: 94.9%*			*Limits: 65-125%*	"							*06/02/08 14:31*	
Decachlorobiphenyl		*90.7%*			*40-150%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E12039 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E12039-BLK2)									**Extracted: 05/12/08 13:31**					
Acenaphthene	EPA 8270C-SIM	ND	---	0.0100	mg/kg wet	1x	--	--	--	--	--	--	05/21/08 16:36	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 115%*			*Limits: 50-147%*	"							*05/21/08 16:36*	
LCS (8E12039-BS2)									**Extracted: 05/12/08 13:31**					
Acenaphthene	EPA 8270C-SIM	0.651	---	0.0100	mg/kg wet	1x	--	0.667	97.6%	(70-125)	--	--	05/21/08 17:52	
Acenaphthylene	"	0.759	---	0.0100	"	"	--	"	114%	(70-133)	--	--	"	
Anthracene	"	0.777	---	0.0100	"	"	--	"	116%	(70-152)	--	--	"	
Benzo (a) anthracene	"	0.713	---	0.0100	"	"	--	"	107%	(60-125)	--	--	"	
Benzo (a) pyrene	"	0.727	---	0.0100	"	"	--	"	109%	(64-134)	--	--	"	
Benzo (b) fluoranthene	"	0.758	---	0.0100	"	"	--	"	114%	(62-147)	--	--	"	
Benzo (k) fluoranthene	"	0.695	---	0.0100	"	"	--	"	104%	(60-144)	--	--	"	
Benzo (ghi) perylene	"	0.720	---	0.0100	"	"	--	"	108%	(57-137)	--	--	"	
Chrysene	"	0.729	---	0.0100	"	"	--	"	109%	(70-139)	--	--	"	
Dibenz (a,h) anthracene	"	0.711	---	0.0100	"	"	--	"	107%	(56-140)	--	--	"	
Fluoranthene	"	0.739	---	0.0100	"	"	--	"	111%	(70-141)	--	--	"	
Fluorene	"	0.766	---	0.0100	"	"	--	"	115%	(76-132)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	0.691	---	0.0100	"	"	--	"	104%	(55-138)	--	--	"	
1-Methylnaphthalene	"	0.530	---	0.0100	"	"	--	"	79.5%	(46-128)	--	--	"	
2-Methylnaphthalene	"	0.533	---	0.0100	"	"	--	"	80.0%	(41-125)	--	--	"	
Naphthalene	"	0.496	---	0.0100	"	"	--	"	74.4%	(43-125)	--	--	"	
Phenanthrene	"	0.652	---	0.0100	"	"	--	"	97.8%	(73-125)	--	--	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E12039 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8E12039-BS2)								Extracted: 05/12/08 13:31						
Pyrene	EPA 8270C-SIM	0.777	---	0.0100	mg/kg wet	1x	--	0.667	117%	(68-140)	--	--	05/21/08 17:52	
Surrogate(s): p-Terphenyl-d14		*Recovery: 102%*			*Limits: 50-147%*	"							*05/21/08 17:52*	
Matrix Spike (8E12039-MS2)							QC Source: BRE0134-26		Extracted: 05/12/08 13:31					
Acenaphthene	EPA 8270C-SIM	0.930	---	0.0127	mg/kg dry	1x	0.0668	0.845	102%	(67-132)	--	--	05/21/08 18:17	
Acenaphthylene	"	1.04	---	0.0127	"	"	0.0211	"	121%	(65-142)	--	--	"	
Anthracene	"	1.04	---	0.0127	"	"	0.0313	"	120%	(66-158)	--	--	"	
Benzo (a) anthracene	"	0.960	---	0.0127	"	"	0.0177	"	112%	(41-156)	--	--	"	
Benzo (a) pyrene	"	0.966	---	0.0127	"	"	0.00930	"	113%	(52-148)	--	--	"	
Benzo (b) fluoranthene	"	0.984	---	0.0127	"	"	0.0118	"	115%	(53-151)	--	--	"	
Benzo (k) fluoranthene	"	0.890	---	0.0127	"	"	0.00930	"	104%	(46-161)	--	--	"	
Benzo (ghi) perylene	"	0.802	---	0.0127	"	"	0.00761	"	94.0%	(26-154)	--	--	"	
Chrysene	"	0.990	---	0.0127	"	"	0.0237	"	114%	(55-155)	--	--	"	
Dibenz (a,h) anthracene	"	0.863	---	0.0127	"	"	0.00338	"	102%	(27-157)	--	--	"	
Fluoranthene	"	1.04	---	0.0127	"	"	0.101	"	111%	(46-172)	--	--	"	
Fluorene	"	1.12	---	0.0127	"	"	0.109	"	120%	(66-143)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	0.813	---	0.0127	"	"	0.00592	"	95.5%	(24-159)	--	--	"	
1-Methylnaphthalene	"	0.695	---	0.0127	"	"	0.0169	"	80.3%	(39-140)	--	--	"	
2-Methylnaphthalene	"	0.697	---	0.0127	"	"	0.0313	"	78.8%	(32-139)	--	--	"	
Naphthalene	"	0.634	---	0.0127	"	"	0.0769	"	65.9%	(38-134)	--	--	"	
Phenanthrene	"	0.982	---	0.0127	"	"	0.220	"	90.2%	(63-139)	--	--	"	
Pyrene	"	0.996	---	0.0127	"	"	0.0684	"	110%	(51-172)	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 96.9%*			*Limits: 50-147%*	"							*05/21/08 18:17*	
Matrix Spike Dup (8E12039-MSD2)							QC Source: BRE0134-26		Extracted: 05/12/08 13:31					
Acenaphthene	EPA 8270C-SIM	0.921	---	0.0127	mg/kg dry	1x	0.0668	0.845	101%	(67-132)	1.00%	(50)	05/21/08 18:43	
Acenaphthylene	"	1.01	---	0.0127	"	"	0.0211	"	117%	(65-142)	3.55%	"	"	
Anthracene	"	1.01	---	0.0127	"	"	0.0313	"	116%	(66-158)	3.46%	"	"	
Benzo (a) anthracene	"	0.914	---	0.0127	"	"	0.0177	"	106%	(41-156)	4.87%	"	"	
Benzo (a) pyrene	"	0.928	---	0.0127	"	"	0.00930	"	109%	(52-148)	4.02%	"	"	
Benzo (b) fluoranthene	"	0.962	---	0.0127	"	"	0.0118	"	112%	(53-151)	2.34%	"	"	
Benzo (k) fluoranthene	"	0.869	---	0.0127	"	"	0.00930	"	102%	(46-161)	2.40%	"	"	
Benzo (ghi) perylene	"	0.720	---	0.0127	"	"	0.00761	"	84.3%	(26-154)	10.8%	"	"	
Chrysene	"	0.944	---	0.0127	"	"	0.0237	"	109%	(55-155)	4.81%	(44)	"	
Dibenz (a,h) anthracene	"	0.796	---	0.0127	"	"	0.00338	"	93.8%	(27-157)	8.05%	(50)	"	
Fluoranthene	"	1.03	---	0.0127	"	"	0.101	"	110%	(46-172)	0.573%	"	"	
Fluorene	"	1.13	---	0.0127	"	"	0.109	"	121%	(66-143)	0.973%	(52)	"	
Indeno (1,2,3-cd) pyrene	"	0.740	---	0.0127	"	"	0.00592	"	86.9%	(24-159)	9.36%	(43)	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E12039 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8E12039-MSD2)					**QC Source: BRE0134-26**				**Extracted: 05/12/08 13:31**					
1-Methylnaphthalene	EPA 8270C-SIM	0.700	---	0.0127	mg/kg dry	1x	0.0169	0.845	80.8%	(39-140)	0.606%	(50)	05/21/08 18:43	
2-Methylnaphthalene	"	0.705	---	0.0127	"	"	0.0313	"	79.7%	(32-139)	1.08%	"	"	
Naphthalene	"	0.664	---	0.0127	"	"	0.0769	"	69.5%	(38-134)	4.69%	"	"	
Phenanthrene	"	1.04	---	0.0127	"	"	0.220	"	97.5%	(63-139)	6.09%	"	"	
Pyrene	"	0.935	---	0.0127	"	"	0.0684	"	102%	(51-172)	6.39%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 93.0%*			*Limits: 50-147%*	"							*05/21/08 18:43*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Physical Parameters by APHA/ASTM/EPA Methods - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E13043 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E13043-BLK1)													**Extracted: 05/13/08 13:33**	
Dry Weight	BSOPSPL00 3R08	100	---	1.00	%	1x	--	--	--	--	--	--	05/14/08 00:00	

QC Batch: 8E13044 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E13044-BLK1)													**Extracted: 05/13/08 13:34**	
Dry Weight	BSOPSPL00 3R08	100	---	1.00	%	1x	--	--	--	--	--	--	05/14/08 00:00	

QC Batch: 8E23038 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E23038-BLK1)													**Extracted: 05/23/08 18:32**	
Dry Weight	BSOPSPL00 3R08	100	---	1.00	%	1x	--	--	--	--	--	--	05/27/08 00:00	

QC Batch: 8E28041 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E28041-BLK1)													**Extracted: 05/28/08 13:49**	
Dry Weight	BSOPSPL00 3R08	100	---	1.00	%	1x	--	--	--	--	--	--	05/29/08 00:00	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Total Metals by EPA 6010/7000 Series Methods - Laboratory Quality Control Results

TestAmerica Spokane

QC Batch: 8050148 **Soil Preparation Method: Metals**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8050148-BLK1)								**Extracted: 05/30/08 09:37**						
Mercury	EPA 7471	ND	---	0.0500	mg/kg wet	1x	--	--	--	--	--	--	05/30/08 12:58	
LCS (8050148-BS1)								**Extracted: 05/30/08 09:37**						
Mercury	EPA 7471	0.0912	---	0.0500	mg/kg wet	1x	--	0.100	91.2%	(70.3-130)	--	--	05/30/08 12:55	
Duplicate (8050148-DUP1)					**QC Source: BRE0134-43**			**Extracted: 05/30/08 09:37**						
Mercury	EPA 7471	ND	---	0.0500	mg/kg dry	1x	ND	--	--	--	26.2%	(40)	05/30/08 13:39	
Matrix Spike (8050148-MS1)					**QC Source: BRE0134-43**			**Extracted: 05/30/08 09:37**						
Mercury	EPA 7471	0.102	---	0.0500	mg/kg dry	1x	0.0348	0.105	63.9%	(60.2-137)	--	--	05/30/08 13:41	
Matrix Spike Dup (8050148-MSD1)					**QC Source: BRE0134-43**			**Extracted: 05/30/08 09:37**						
Mercury	EPA 7471	0.101	---	0.0500	mg/kg dry	1x	0.0348	0.105	62.6%	(60.2-137)	1.35%	(23)	05/30/08 13:43	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	06/09/08 14:10

Notes and Definitions

Report Specific Notes:

C	-	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C8	-	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
H4	-	Sample was extracted past holding time, but analyzed within analysis holding time.
M1	-	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	-	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
Q4	-	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
Q6	-	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
Q8	-	Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
R3	-	The RPD exceeded the acceptance limit due to sample matrix effects.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
RL1	-	Reporting limit raised due to sample matrix effects.
Z3	-	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	-	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY REPORT

Work Order #: BRE0134

CLIENT: Farallon
REPORT TO: Dan Caputo
ADDRESS: 975 5th Ave. NW, Issaquah, WA
PHONE: 425 295 0840 FAX:
PROJECT NAME: John Michael Lease Site
PROJECT NUMBER: 683-018
SAMPLED BY: J. Rugink

INVOICE TO: Bruce Sheppard
2454 Occidental Ave. S, Suite 1A
Seattle, WA

P.O. NUMBER: ~~683-018~~ TT9206-402

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: [X] STD. 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE / REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-Gx BTEX-8021	NWTPH-Dx	cPAHs EPA-8270SIM	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1 T1-050608-6-VE	5/6/08 / 1345				S	3		01
2 T1-050608-8-VE	5/6/08 / 1352	X	X	X	↓	↓		02
3 T1-050608-5-SW	5/6/08 / 1407	X	X	X				03
4 T2-050608-2-SW	5/6/08 / 1449							04
5 T2-050608-4-SW	5/6/08 / 1458							05
6 T2-050608-6-VE	5/6/08 / 1540							06
7 T2-050608-8-SW	5/6/08 / 1513	X	X	X				07
8 T2-050608-8-VE	5/6/08 / 1603	X	X	X				08
9 T3-050708-2-C	5/7/08 / 0829							09
10 T3-050708-4-VE	5/7/08 / 0836							10

RELEASED BY: [signature] PRINT NAME: Javan Ruark FIRM: Farallon DATE: 5/9/08 TIME: 1215
RECEIVED BY: [signature] PRINT NAME: Francisco Luna, Jr FIRM: TA-SEA DATE: 5/9/08 TIME: 1400
RELEASED BY: PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: Following receipt of laboratory analytical results, PCB EPA 8081 and Metals 6000/7000 analysis will be done on select soil samples. @Lab 1700 w/o

TEMP: 8.4°c PAGE 1 OF 5

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420- FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRE0134

CLIENT: Farallon

INVOICE TO: Bruce Sheppard
2554 Occidental Ave. S, Suite 1A
Seattle, WA

REPORT TO: Dan Caputo
ADDRESS: 975 5th Ave NW
Issaquah, WA

PHONE: 425 295 0810 FAX:

P.O. NUMBER: ~~683-018~~ TT9206-H02

PROJECT NAME: John Michael Lease Site

PROJECT NUMBER: 683-018

SAMPLED BY: J. Ruark

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: X STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: NWTPH-Gx BTEX-8021	NWTPH-Dx	cPAHs EPA-8270-SIM	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	TH8-050808-8	5/8/08/1229		X	X	X	S	3		11
2	T8-050808-2-SW	5/8/08/1108								12
3	T8-050808-4-NE	5/8/08/1157								13
4	T8-050808-6-SW	5/8/08/1120		X	X	X				14
5	T8-050808-6-NE	5/8/08/1204		X	X	X				15
6	TT050808-2-S	5/8/08/0920								16
7	TT-050808-4-N	5/8/08/1037								17
8	TT050808-6-S	5/8/08/0938								18
9	TT-050808-8-S	5/8/08/1001		X	X	X				19
10	TT-050808-8-N	5/8/08/1039		X	X	X				20

RELEASED BY: [signature] DATE: 5-9-08
PRINT NAME: Jason Ruark FIRM: Farallon TIME: 1215

RECEIVED BY: [signature] DATE: 5/9/08
PRINT NAME: Francisco Luna, Jr. FIRM: TH-SEA TIME: 1400

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: * Same as page 1
@Lab 1700 w/o

TEMP: 8.9 °C

CDC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRE0134

CLIENT: Farallon

REPORT TO: Dan Caputo
ADDRESS: 975 5th Ave NW
Issaquah, WA

PHONE: 425 295 0800 FAX:

INVOICE TO: Bruce Sheppard
2454 Occidental Ave. S, Suite 1A
Seattle, WA

P.O. NUMBER: ~~683-018~~ JR 9T9206-H02

PROJECT NAME: John Michael Lease Site

PROJECT NUMBER: 683-018

SAMPLED BY: J. Ruark

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: [X] STD. 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE / REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NW TPH-Gx BTEX-8021	NW TPH-Dx	EPA 8270 SIM cPAHs	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	TS-050608-2-C	5/6/08 / 1024				S	3		21
2	TS-050608-4-Sed	5/6/08 / 1043				↓	↓		22
3	TS-050608-6-C	5/6/08 / 1056				↓	↓		23
4	TS-050608-8-NE	5/6/08 / 1117	X	X	X	↓	↓		24
5	TS-050608-8-Sed	5/6/08 / 1125	~~X~~	~~X~~	~~X~~ JR	↓	↓		25
6	TS-050608-8-W	5/6/08 / 1147	X	X	X	↓	↓		26
7	TP-16-050608-8	5/6/08 / 1217				↓	↓		27
8	TP-17-050608-8	5/6/08 / 1239	X	X	X	↓	↓		28
9	T1-050608-2-Sed	5/6/08 / 1300				↓	↓		29
10	T1-050608-4-NE	5/6/08 / 1336				↓	↓		30

RELEASED BY: [signature] PRINT NAME: Javan Ruark FIRM: Farallon DATE: 5/9/08 TIME: 1215

RECEIVED BY: [signature] PRINT NAME: Francisco Luna, Jr FIRM: TA-SEA DATE: 5/9/08 TIME: 1400

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: * Same as page 1

@ lab 1700 w/o

TEMP: 8.4°C

PAGE 3 OF 5

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRE0134

CLIENT: Farallon

REPORT TO: Dan Caputo
ADDRESS: 975 5th Ave NW
Issaquah, WA

PHONE: 425 295 0840 FAX:

INVOICE TO: Bruce Sheppard
2454 Occidental Ave, S, Suite 1A
Seattle, WA 98134

P.O. NUMBER: ~~683-018~~ TT9206-H02

PROJECT NAME: John Michael Lease Site

PROJECT NUMBER: 683-018

SAMPLED BY: J. Ruiark

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: 10 (STD.) / 7 / 5 / 4 / 3 / 2 / 1 / <1
Petroleum Hydrocarbon Analyses: [X] STD. / 4 / 3 / 2 / 1 / <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-Gx BTEX 8021	NWTPH-Dx	EPA 8270 SIM										MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	T6-050708-2-W	5/7/08/1253													S	3		31
2	T6-050708-4-S	5/7/08/1303													S	3		32
3	T6-050708-6-W	5/7/07/1345													S	3		33
4	T6-050708-8-S	5/7/07/1317	X	X	X										S	3		34
5	T6-050708-~~8~~10-W (DO 5/9/08 per client)	5/7/07/1403	X	X	X										S	3		35
6																		
7	JAVAR																	
8																		
9																		
10																		

RELEASED BY: [signature] DATE: 5-9-08
PRINT NAME: Javan Ruark FIRM: Farallon TIME: 1215

RECEIVED BY: [signature] DATE: 5/9/08
PRINT NAME: Francisco Luna, Jr. FIRM: TA-SEA TIME: 1400

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: * Same as page 1

@Lab 1700 w/u

TEMP: 8.4°C

PAGE 4 OF 5

COC REV 09/2004

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRE0134

CLIENT: Farallon
REPORT TO: Dan Caputo
ADDRESS: 975 5th Ave NW
Issaquah, WA
PHONE: 425 295 0840 FAX:
PROJECT NAME: John Michael Lease Site
PROJECT NUMBER: 683-018
SAMPLED BY: J. Ruark

INVOICE TO: Bruce Sheppard
2454 Occidental Ave. S, Suite 1A
Seattle, WA
P.O. NUMBER: TT9206-H02

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: [X] (STD.) 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-Gx / BTEX 8021	NWTPH-Dx	cPAHs EPA-8270C-SIM	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	T3-050708-6-SW	5/7/08 / 0852				S	3		36
2	T3-050708-8-SW	5/7/08 / 0916	X	X	X	↓	↓		37
3	T3-050708-8-NE	5/7/08 / 1003	X	X	*				38
4	T4-050708-2-S	5/7/08 / 1022							39
5	T4-050708-4-N	5/7/08 / 1031							40
6	T4-050708-6-N	5/7/08 / 1114							41
7	T4-050708-8-S	5/7/08 / 1052	X	X	X				42
8	T4-050708-8-N	5/7/08 / 1140	X	X	X				43
9	T9-050808-8-SE	5/8/08 / 1342							44
10	T19-050808-8	5/8/08 / 1239				↓	↓		45

RELEASED BY: [signature] DATE: 5-9-08
PRINT NAME: Javan Ruark FIRM: Farallon TIME: 1215
RECEIVED BY: [signature] DATE: 5/9/08
PRINT NAME: Francisco Luna, Jr FIRM: TASEA TIME: 1400
RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: * same as Page 1
@Lab 1700 w/o
TEMP: 8.9°C
PAGE 5 OF 5

COC REV 09/2004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

August 06, 2008

Dan Caputo
Farallon Consulting LLC
975 5th Ave NW Ste 100
Issaquah, WA/USA 98027

RE: BNSF - John Michael Lease Site

Enclosed are the results of analyses for samples received by the laboratory on 07/30/08 08:34. The following list is a summary of the Work Orders contained in this report, generated on 08/06/08 12:20.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
BRG0376	BNSF - John Michael Lease Si	683-018

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4-5-072908	BRG0376-01	Soil	07/29/08 14:03	07/30/08 08:34
MW1-10-072908	BRG0376-02	Soil	07/29/08 16:01	07/30/08 08:34

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Volatile Petroleum Products by NWTPH-Gx

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRG0376-01 (MW4-5-072908)		**Soil**			**Sampled: 07/29/08 14:03**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	5.07	mg/kg dry	1x	8H01020	08/01/08 09:49	08/02/08 13:40	
Surrogate(s): 4-BFB (FID)			*97.4%*		*50 - 150 %*	"			"	
BRG0376-02 (MW1-10-072908)		**Soil**			**Sampled: 07/29/08 16:01**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**1250**	-----	74.8	mg/kg dry	10x	8H01020	08/01/08 09:49	08/02/08 14:12	**Q8**
Surrogate(s): 4-BFB (FID)			*150%*		*50 - 150 %*	*1x*			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRG0376-01 (MW4-5-072908)		**Soil**			**Sampled: 07/29/08 14:03**					
Diesel Range Hydrocarbons	NWTPH-Dx	**11.0**	-----	10.9	mg/kg dry	1x	8G31041	07/31/08 13:49	08/01/08 17:29	Q6
Lube Oil Range Hydrocarbons	"	**80.4**	-----	27.2	"	"	"	"	"	
Surrogate(s): 2-FBP			*109%*		*54 - 148 %*	"			"	
Octacosane			*97.8%*		*62 - 142 %*	"			"	
BRG0376-02 (MW1-10-072908)		**Soil**			**Sampled: 07/29/08 16:01**					
Diesel Range Hydrocarbons	NWTPH-Dx	**38700**	-----	3550	mg/kg dry	50x	8G31041	07/31/08 13:49	08/01/08 17:59	Q4
Lube Oil Range Hydrocarbons	"	**58100**	-----	8880	"	"	"	"	"	Q4
Surrogate(s): 2-FBP			*NR*		*54 - 148 %*	"			"	*Z3*
Octacosane			*NR*		*62 - 142 %*	"			"	*Z3*

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**
975 5th Ave NW Ste 100	Project Number:	683-018
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo
		Report Created: 08/06/08 12:20

BTEX by EPA Method 8021B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRG0376-01 (MW4-5-072908)		**Soil**			**Sampled: 07/29/08 14:03**					
Benzene	EPA 8021B	ND	-----	0.0304	mg/kg dry	1x	8H01020	08/01/08 09:49	08/02/08 13:40	
Toluene	"	ND	-----	0.0507	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.0507	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.101	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*112%*		*63 - 150 %*	"			"	
BRG0376-02 (MW1-10-072908)		**Soil**			**Sampled: 07/29/08 16:01**					
Benzene	EPA 8021B	ND	-----	0.449	mg/kg dry	10x	8H01020	08/01/08 09:49	08/02/08 14:12	
Toluene	"	ND	-----	0.748	"	"	"	"	"	
Ethylbenzene	"	**3.08**	-----	0.748	"	"	"	"	"	
Xylenes (total)	"	**8.14**	-----	1.50	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*150%*		*63 - 150 %*	*1x*			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Physical Parameters by APHA/ASTM/EPA Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRG0376-01 (MW4-5-072908)		**Soil**			**Sampled: 07/29/08 14:03**					
Dry Weight	BSOPSPL003R08	**91.5**	-----	1.00	%	1x	8H04039	08/04/08 13:32	08/05/08 00:00	
BRG0376-02 (MW1-10-072908)		**Soil**			**Sampled: 07/29/08 16:01**					
Dry Weight	BSOPSPL003R08	**70.4**	-----	1.00	%	1x	8H04039	08/04/08 13:32	08/05/08 00:00	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H01020 **Soil Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H01020-BLK1)								Extracted: 08/01/08 09:49						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	08/01/08 19:33	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.8%*			*Limits: 50-150%*	"							*08/01/08 19:33*	
LCS (8H01020-BS1)								Extracted: 08/01/08 09:49						
Gasoline Range Hydrocarbons	NWTPH-Gx	45.6	---	5.00	mg/kg wet	1x	--	50.0	91.2%	(75-125)	--	--	08/01/08 20:06	
Surrogate(s): 4-BFB (FID)		*Recovery: 93.9%*			*Limits: 50-150%*	"							*08/01/08 20:06*	
LCS Dup (8H01020-BSD1)								Extracted: 08/01/08 09:49						
Gasoline Range Hydrocarbons	NWTPH-Gx	46.6	---	5.00	mg/kg wet	1x	--	50.0	93.2%	(75-125)	2.17%	(25)	08/01/08 20:38	
Surrogate(s): 4-BFB (FID)		*Recovery: 95.5%*			*Limits: 50-150%*	"							*08/01/08 20:38*	
Duplicate (8H01020-DUP1)							QC Source: BRG0393-01	Extracted: 08/01/08 09:49						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	2.62	mg/kg dry	1x	ND	--	--	--	4.11%	(40)	08/01/08 22:48	
Surrogate(s): 4-BFB (FID)		*Recovery: 152%*			*Limits: 50-150%*	"							*08/01/08 22:48*	*ZX*
Duplicate (8H01020-DUP2)							QC Source: BRG0393-02	Extracted: 08/01/08 09:49						
Gasoline Range Hydrocarbons	NWTPH-Gx	3.73	---	2.01	mg/kg dry	1x	3.55	--	--	--	4.91%	(40)	08/01/08 23:54	
Surrogate(s): 4-BFB (FID)		*Recovery: 111%*			*Limits: 50-150%*	"							*08/01/08 23:54*	
Matrix Spike (8H01020-MS1)							QC Source: BRG0393-01	Extracted: 08/01/08 09:49						
Gasoline Range Hydrocarbons	NWTPH-Gx	25.3	---	2.62	mg/kg dry	1x	0.549	15.3	161%	(60-175)	--	--	08/02/08 00:26	
Surrogate(s): 4-BFB (FID)		*Recovery: 164%*			*Limits: 50-150%*	"							*08/02/08 00:26*	*ZX*

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8G31041 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G31041-BLK1)								Extracted: 07/31/08 13:49						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	08/01/08 15:32	
Lube Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 91.3%*			*Limits: 54-148%*	"							*08/01/08 15:32*	
Octacosane		*92.4%*			*62-142%*	"							"	
LCS (8G31041-BS1)								Extracted: 07/31/08 13:49						
Diesel Range Hydrocarbons	NWTPH-Dx	59.4	---	10.0	mg/kg wet	1x	--	66.7	89.1%	(78-129)	--	--	08/01/08 16:02	
Surrogate(s): 2-FBP		*Recovery: 114%*			*Limits: 54-148%*	"							*08/01/08 16:02*	
Octacosane		*95.9%*			*62-142%*	"							"	
Duplicate (8G31041-DUP1)					QC Source: BRG0376-01			Extracted: 07/31/08 13:49						
Diesel Range Hydrocarbons	NWTPH-Dx	13.1	---	10.9	mg/kg dry	1x	11.0	--	--	--	17.8%	(40)	08/01/08 16:31	
Lube Oil Range Hydrocarbons	"	96.3	---	27.2	"	"	80.4	--	--	--	18.0%	"	"	
Surrogate(s): 2-FBP		*Recovery: 107%*			*Limits: 54-148%*	"							*08/01/08 16:31*	
Octacosane		*98.6%*			*62-142%*	"							"	
Matrix Spike (8G31041-MS1)					QC Source: BRG0376-01			Extracted: 07/31/08 13:49						
Diesel Range Hydrocarbons	NWTPH-Dx	66.3	---	10.8	mg/kg dry	1x	11.0	72.2	76.6%	(46-155)	--	--	08/01/08 17:00	
Surrogate(s): 2-FBP		*Recovery: 103%*			*Limits: 54-148%*	"							*08/01/08 17:00*	
Octacosane		*85.2%*			*62-142%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H01020 **Soil Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H01020-BLK1)								**Extracted: 08/01/08 09:49**						
Benzene	EPA 8021B	ND	---	0.0300	mg/kg wet	1x	--	--	--	--	--	--	08/01/08 19:33	
Toluene	"	ND	---	0.0500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.0500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 102%*			*Limits: 63-150%*	"							*08/01/08 19:33*	
LCS (8H01020-BS2)								**Extracted: 08/01/08 09:49**						
Benzene	EPA 8021B	1.48	---	0.0300	mg/kg wet	1x	--	1.50	98.6%	(75-125)	--	--	08/01/08 21:11	
Toluene	"	1.51	---	0.0500	"	"	--	"	101%	"	--	--	"	
Ethylbenzene	"	1.54	---	0.0500	"	"	--	"	103%	"	--	--	"	
Xylenes (total)	"	4.58	---	0.100	"	"	--	4.50	102%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 101%*			*Limits: 63-150%*	"							*08/01/08 21:11*	
LCS Dup (8H01020-BSD2)								**Extracted: 08/01/08 09:49**						
Benzene	EPA 8021B	1.54	---	0.0300	mg/kg wet	1x	--	1.50	102%	(75-125)	3.82%	(25)	08/01/08 21:44	
Toluene	"	1.57	---	0.0500	"	"	--	"	105%	"	3.47%	"	"	
Ethylbenzene	"	1.60	---	0.0500	"	"	--	"	107%	"	3.88%	"	"	
Xylenes (total)	"	4.77	---	0.100	"	"	--	4.50	106%	"	4.14%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 102%*			*Limits: 63-150%*	"							*08/01/08 21:44*	
Duplicate (8H01020-DUP1)							**QC Source: BRG0393-01**						**Extracted: 08/01/08 09:49**	
Benzene	EPA 8021B	ND	---	0.0157	mg/kg dry	1x	ND	--	--	--	NR	(35)	08/01/08 22:48	
Toluene	"	ND	---	0.0262	"	"	ND	--	--	--	51.0%	"	"	R4
Ethylbenzene	"	ND	---	0.0262	"	"	ND	--	--	--	59.7%	"	"	R4
Xylenes (total)	"	ND	---	0.0525	"	"	ND	--	--	--	56.1%	"	"	R4
Surrogate(s): 4-BFB (PID)		*Recovery: 173%*			*Limits: 63-150%*	"							*08/01/08 22:48*	*ZX*
Duplicate (8H01020-DUP2)							**QC Source: BRG0393-02**						**Extracted: 08/01/08 09:49**	
Benzene	EPA 8021B	ND	---	0.0121	mg/kg dry	1x	ND	--	--	--	NR	(35)	08/01/08 23:54	
Toluene	"	ND	---	0.0201	"	"	ND	--	--	--	1.10%	"	"	
Ethylbenzene	"	ND	---	0.0201	"	"	ND	--	--	--	1.39%	"	"	
Xylenes (total)	"	0.107	---	0.0402	"	"	0.106	--	--	--	0.908%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 125%*			*Limits: 63-150%*	"							*08/01/08 23:54*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H01020 **Soil Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8H01020-MS2)				QC Source: BRG0393-02				Extracted: 08/01/08 09:49						
Benzene	EPA 8021B	0.655	---	0.0121	mg/kg dry	1x	ND	0.495	132%	(60-160)	--	--	08/02/08 07:29	
Toluene	"	0.676	---	0.0201	"	"	0.0127	"	134%	"	--	--	"	
Ethylbenzene	"	0.695	---	0.0201	"	"	0.0187	"	136%	"	--	--	"	
Xylenes (total)	"	2.10	---	0.0402	"	"	0.106	1.49	134%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 124%*			*Limits: 63-150%*	"							*08/02/08 07:29*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Physical Parameters by APHA/ASTM/EPA Methods - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H04039 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H04039-BLK1)													**Extracted: 08/04/08 13:32**	
Dry Weight	BSOPSPL003R08	100	---	1.00	%	1x	--	--	--	--	--	--	08/05/08 00:00	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/06/08 12:20

Notes and Definitions

Report Specific Notes:

Q4	-	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
Q6	-	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
Q8	-	Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
Z3	-	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	-	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRG0376

CLIENT: Farallon

REPORT TO: 975 5th AVE NW
ADDRESS: Issaquah, WA 98027

PHONE: (425) 633-3783 FAX:

PROJECT NAME: John Michael Lease Site

PROJECT NUMBER: 683-018

SAMPLED BY: TAdams

INVOICE TO: BNSF WO: TT9206-H02 kw 7/31/08

P.O. NUMBER:

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1

Petroleum Hydrocarbon Analyses: [X] STD. 4 3 2 1 <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE / REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	DRO/ORO NWTPH-Dx	GRO NWTPH-Gx	BTEX EPA 8021B		MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW4-5-072908	7/29/08 1403	X	X	X		S	4		-01
2	MW1-10-072908	7/29/08 1601	X	X	X		S	4		-02
3	MW1-17.5-072908	7/29/08 1617	X	X	X	hold per Dan Caputo @ Farallon 07/31/08 kw	S	4		-03
4										
5										
6										
7										
8										
9										
10										

RELEASED BY:
PRINT NAME: TIFFANY ADAMS FIRM: Farallon DATE: 7/30/08 TIME: 0834

RECEIVED BY: Cathy Gamble
PRINT NAME: Cathy Gamble FIRM: TA-Sea DATE: 7/30/08 TIME: 8:34

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: Analyze samples -01 + -02 + hold -03 per Farallon (Dan Caputo) 07/31/08 kw

TEMP: 2.3

PAGE OF

TAL-1000(0108)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave,Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRG0376

CLIENT: Farallon

REPORT TO: 975 5th AVE NW
ADDRESS: Issaquah, WA 98027

PHONE: (425) 295-3783 FAX:

INVOICE TO:

P.O. NUMBER:

PROJECT NAME: John Michael Lease Site

PROJECT NUMBER: 683-018

SAMPLED BY: TAdams

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses: [10] [7] [5] [4] [3] [2] [1] [<1] (STD.)

Petroleum Hydrocarbon Analyses: [X] [4] [3] [2] [1] [<1] (STD.)

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: DRO/ORO Multiphase	REQUESTED ANALYSES: GRO Multiphase	REQUESTED ANALYSES: BTEX Low Level	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW4-5-072908	7/29/08 1403		X	X	X	TW S	4		-01
2	MW1-10-072908	7/29/08 1601		X	X	X	S	4		-02
3	MW1-17.5-072908	7/29/08 1617		X	X	X	S	4		-03
4										
5										
6										
7										
8										
9										
10										

RELEASED BY:
PRINT NAME: TIFFANY ADAMS FIRM: Farallon DATE: 7/30/08 TIME: 0834

RECEIVED BY: Cathy Crumble
PRINT NAME: Cathy Crumble FIRM: TA-Sea DATE: 7/31/08 TIME: 8:34

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP: 2.3

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date: 7/30 Time: 8:35 Non-Conformances?

Page Time & Initials: _____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt) **Logged-in By:** **Unpacked/Labeled By:** ***Cooler ID:*** 321

Date: 7/30 Date: 07.30 Date: 07.30.08 Work Order No. BRG0376

Time: 8:34 Time: 1228 Time: _____ Client: Farallon

Initials: CJ Initials: CW Initials: CW Project: BNSF - John Michael Lane Site

Container Type:

✓ Cooler

____ Box

____ None/Other _____

COC Seals:

____ Ship Container _____ Sign By

____ On Bottles _____ Date

✓ None

Packing Material:

____ Bubble Bags ____ Styrofoam

____ Foam Packs

✓ None/Other _____

Refrigerant:

____ Gel Ice Pack _____

✓ Loose Ice _____

____ None/Other _____

Received Via: Bill# ✓

____ Fed Ex ✓ Client

____ UPS ____ TA Courier

____ DHL ____ Mid Valley

____ Senvoy ____ TDP

____ GS ____ Other _____

Cooler Temperature (*IR*): ____°C Plastic Glass (circle one) (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 2.3 °C or NA Trip Blank? Y or (N) or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time): _____
Comments: _____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or (NA)	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or (NA)	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	(Y) or N	_____	Water VOAs: Headspace?	Y or N or (NA)	_____
IDs/time/date match COC?	(Y) or N	_____	Comments:		
Hold Times in hold?	(Y) or N	_____			

PROJECT MANAGEMENT

Is the Chain of Custody complete? (Y) or N If N, circle the items that were incomplete

Comments,Problems All Samples on Hold.

Total access set up? Y or (N)

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: SY Date: 7/30/08 Time: 0856

(rev 4, 01/24/07)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

August 22, 2008

Dan Caputo
Farallon Consulting LLC
975 5th Ave NW Ste 100
Issaquah, WA/USA 98027

RE: BNSF - John Michael Lease Site

Enclosed are the results of analyses for samples received by the laboratory on 08/08/08 09:45. The following list is a summary of the Work Orders contained in this report, generated on 08/22/08 10:36.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
BRH0095	BNSF - John Michael Lease Si	683-018

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-080608	BRH0095-01	Water	08/06/08 17:12	08/08/08 09:45
MW2-080608	BRH0095-02	Water	08/06/08 15:50	08/08/08 09:45
MW3-080608	BRH0095-03	Water	08/06/08 13:55	08/08/08 09:45
MW4-080608	BRH0095-04	Water	08/06/08 14:55	08/08/08 09:45
QA/QC-1-080608	BRH0095-05	Water	08/06/08 12:00	08/08/08 09:45

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Volatile Petroleum Products by NWTPH-Gx

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-01 (MW1-080608)		**Water**			**Sampled: 08/06/08 17:12**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**145**	-----	50.0	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 14:11	Q8
Surrogate(s): 4-BFB (FID)			*86.7%*		*58 - 144 %*	"			"	
BRH0095-02 (MW2-080608)		**Water**			**Sampled: 08/06/08 15:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	50.0	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 16:21	
Surrogate(s): 4-BFB (FID)			*84.2%*		*58 - 144 %*	"			"	
BRH0095-03 (MW3-080608)		**Water**			**Sampled: 08/06/08 13:55**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	50.0	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 20:09	
Surrogate(s): 4-BFB (FID)			*83.7%*		*58 - 144 %*	"			"	
BRH0095-04 (MW4-080608)		**Water**			**Sampled: 08/06/08 14:55**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	-----	50.0	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 15:16	
Surrogate(s): 4-BFB (FID)			*83.6%*		*58 - 144 %*	"			"	
BRH0095-05 (QA/QC-1-080608)		**Water**			**Sampled: 08/06/08 12:00**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**141**	-----	50.0	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 20:42	Q8
Surrogate(s): 4-BFB (FID)			*87.2%*		*58 - 144 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-01 (MW1-080608)		**Water**			**Sampled: 08/06/08 17:12**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	ND	-----	0.472	mg/l	1x	8H11026	08/11/08 12:06	08/12/08 22:21	
Surrogate(s): 2-FBP			*91.4%*		*53 - 125 %*	"			"	*C8*
Octacosane			*95.2%*		*68 - 125 %*	"			"	
BRH0095-01RE1 (MW1-080608)		**Water**			**Sampled: 08/06/08 17:12**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.11**	-----	0.236	mg/l	1x	8H11026	08/11/08 12:06	08/13/08 09:01	**Q11**
Surrogate(s): 2-FBP			*92.1%*		*53 - 125 %*	"			"	
Octacosane			*92.5%*		*68 - 125 %*	"			"	
BRH0095-02 (MW2-080608)		**Water**			**Sampled: 08/06/08 15:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	8H11026	08/11/08 12:06	08/12/08 22:47	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*75.9%*		*53 - 125 %*	"			"	*C*
Octacosane			*92.5%*		*68 - 125 %*	"			"	
BRH0095-03 (MW3-080608)		**Water**			**Sampled: 08/06/08 13:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	8H11026	08/11/08 12:06	08/12/08 23:12	
Lube Oil Range Hydrocarbons	"	**0.499**	-----	0.472	"	"	"	"	"	**QP**
Surrogate(s): 2-FBP			*88.6%*		*53 - 125 %*	"			"	*C*
Octacosane			*95.8%*		*68 - 125 %*	"			"	
BRH0095-04 (MW4-080608)		**Water**			**Sampled: 08/06/08 14:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	8H11026	08/11/08 12:06	08/12/08 23:39	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*65.1%*		*53 - 125 %*	"			"	*C*
Octacosane			*84.4%*		*68 - 125 %*	"			"	
BRH0095-05 (QA/QC-1-080608)		**Water**			**Sampled: 08/06/08 12:00**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	ND	-----	0.472	mg/l	1x	8H11026	08/11/08 12:06	08/13/08 00:05	
Surrogate(s): 2-FBP			*86.0%*		*53 - 125 %*	"			"	*C8*
Octacosane			*93.7%*		*68 - 125 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-05RE1 (QA/QC-1-080608)		**Water**			**Sampled: 08/06/08 12:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.01**	-----	0.236	mg/l	1x	8H11026	08/11/08 12:06	08/13/08 09:28	Q11
Surrogate(s): 2-FBP			*88.0%*		*53 - 125 %*	"			"	
Octacosane			*93.8%*		*68 - 125 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

BTEX by EPA Method 8021B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-01 (MW1-080608)		**Water**			**Sampled: 08/06/08 17:12**					
Benzene	EPA 8021B	**1.09**	-----	0.500	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 14:11	
Toluene	"	**0.700**	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**0.893**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**2.84**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*96.9%*		*68 - 140 %*	"			"	
BRH0095-02 (MW2-080608)		**Water**			**Sampled: 08/06/08 15:50**					
Benzene	EPA 8021B	ND	-----	0.500	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 16:21	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*97.1%*		*68 - 140 %*	"			"	
BRH0095-03 (MW3-080608)		**Water**			**Sampled: 08/06/08 13:55**					
Benzene	EPA 8021B	ND	-----	0.500	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 20:09	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*96.4%*		*68 - 140 %*	"			"	
BRH0095-04 (MW4-080608)		**Water**			**Sampled: 08/06/08 14:55**					
Benzene	EPA 8021B	ND	-----	0.500	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 15:16	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*97.5%*		*68 - 140 %*	"			"	
BRH0095-05 (QA/QC-1-080608)		**Water**			**Sampled: 08/06/08 12:00**					
Benzene	EPA 8021B	**1.02**	-----	0.500	ug/l	1x	8H11017	08/11/08 09:43	08/11/08 20:42	
Toluene	"	**0.647**	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**0.872**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**2.76**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*97.0%*		*68 - 140 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-01 (MW1-080608)		**Water**			**Sampled: 08/06/08 17:12**					
Acenaphthene	EPA 8270C-SIM	**0.866**	-----	0.0943	ug/l	1x	8H11021	08/11/08 10:56	08/15/08 15:57	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	**0.255**	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.289**	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.0962**	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	**1.08**	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	**4.17**	-----	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	**0.608**	-----	0.0943	"	"	"	"	"	
Naphthalene	"	**0.975**	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0943	"	"	"	"	"	
Pyrene	"	**0.266**	-----	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*94.1%*		*20 - 131 %*	"			"	
BRH0095-02 (MW2-080608)		**Water**			**Sampled: 08/06/08 15:50**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0943	ug/l	1x	8H11021	08/11/08 10:56	08/15/08 16:22	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	ND	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0943	"	"	"	"	"	
Pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*104%*		*20 - 131 %*	"			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-03 (MW3-080608)		**Water**			**Sampled: 08/06/08 13:55**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0943	ug/l	1x	8H11021	08/11/08 10:56	08/15/08 16:47	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	ND	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0943	"	"	"	"	"	
Pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*101%*		*20 - 131 %*	"			"	
BRH0095-04 (MW4-080608)		**Water**			**Sampled: 08/06/08 14:55**					
Acenaphthene	EPA 8270C-SIM	ND	-----	0.0943	ug/l	1x	8H11021	08/11/08 10:56	08/15/08 17:21	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	ND	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	-----	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0943	"	"	"	"	"	
Pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*112%*		*20 - 131 %*	"			"	

TestAmerica Seattle

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRH0095-05 (QA/QC-1-080608)		**Water**			**Sampled: 08/06/08 12:00**					
Acenaphthene	EPA 8270C-SIM	**1.06**	-----	0.0943	ug/l	1x	8H11021	08/11/08 10:56	08/15/08 18:11	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	**1.68**	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	**7.54**	-----	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	**1.86**	-----	0.0943	"	"	"	"	"	
Naphthalene	"	**1.15**	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	**0.266**	-----	0.0943	"	"	"	"	"	
Pyrene	"	**0.383**	-----	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*89.6%*		*20 - 131 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full. without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H11017 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H11017-BLK1)								**Extracted: 08/11/08 09:43**						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	08/11/08 12:33	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.9%*			*Limits: 58-144%*	"							*08/11/08 12:33*	
LCS (8H11017-BS1)								**Extracted: 08/11/08 09:43**						
Gasoline Range Hydrocarbons	NWTPH-Gx	913	---	50.0	ug/l	1x	--	1000	91.3%	(80-120)	--	--	08/11/08 13:06	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.3%*			*Limits: 58-144%*	"							*08/11/08 13:06*	
Duplicate (8H11017-DUP1)					**QC Source: BRH0095-01**			**Extracted: 08/11/08 09:43**						
Gasoline Range Hydrocarbons	NWTPH-Gx	127	---	50.0	ug/l	1x	145	--	--	--	12.7%	(25)	08/11/08 14:43	
Surrogate(s): 4-BFB (FID)		*Recovery: 78.9%*			*Limits: 58-144%*	"							*08/11/08 14:43*	
Duplicate (8H11017-DUP2)					**QC Source: BRH0095-04**			**Extracted: 08/11/08 09:43**						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	08/11/08 15:48	
Surrogate(s): 4-BFB (FID)		*Recovery: 83.4%*			*Limits: 58-144%*	"							*08/11/08 15:48*	
Matrix Spike (8H11017-MS1)					**QC Source: BRH0095-01**			**Extracted: 08/11/08 09:43**						
Gasoline Range Hydrocarbons	NWTPH-Gx	1080	---	50.0	ug/l	1x	145	1000	93.1%	(75-131)	--	--	08/11/08 16:54	
Surrogate(s): 4-BFB (FID)		*Recovery: 93.1%*			*Limits: 58-144%*	"							*08/11/08 16:54*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H11026 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H11026-BLK1)							**Extracted: 08/11/08 12:06**							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	08/12/08 20:11	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 93.3%*			*Limits: 53-125%*	"							*08/12/08 20:11*	*C8*
Octacosane		*92.5%*			*68-125%*	"							"	
LCS (8H11026-BS1)							**Extracted: 08/11/08 12:06**							
Diesel Range Hydrocarbons	NWTPH-Dx	1.70	---	0.250	mg/l	1x	--	2.00	85.0%	(61-132)	--	--	08/12/08 20:37	
Surrogate(s): 2-FBP		*Recovery: 92.5%*			*Limits: 53-125%*	"							*08/12/08 20:37*	*C8*
Octacosane		*94.8%*			*68-125%*	"							"	
LCS Dup (8H11026-BSD1)							**Extracted: 08/11/08 12:06**							
Diesel Range Hydrocarbons	NWTPH-Dx	1.60	---	0.250	mg/l	1x	--	2.00	80.0%	(61-132)	6.04%	(40)	08/12/08 21:03	
Surrogate(s): 2-FBP		*Recovery: 86.0%*			*Limits: 53-125%*	"							*08/12/08 21:03*	*C8*
Octacosane		*90.6%*			*68-125%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

BTEX by EPA Method 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H11017 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H11017-BLK1)								**Extracted: 08/11/08 09:43**						
Benzene	EPA 8021B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	08/11/08 12:33	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 95.8%*			*Limits: 68-140%*	"							*08/11/08 12:33*	
LCS (8H11017-BS2)								**Extracted: 08/11/08 09:43**						
Benzene	EPA 8021B	29.8	---	0.500	ug/l	1x	--	30.0	99.3%	(80-120)	--	--	08/11/08 13:38	
Toluene	"	30.7	---	0.500	"	"	--	"	102%	"	--	--	"	
Ethylbenzene	"	31.0	---	0.500	"	"	--	"	103%	"	--	--	"	
Xylenes (total)	"	92.3	---	1.00	"	"	--	90.0	103%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 97.4%*			*Limits: 68-140%*	"							*08/11/08 13:38*	
Duplicate (8H11017-DUP1)					**QC Source: BRH0095-01**			**Extracted: 08/11/08 09:43**						
Benzene	EPA 8021B	1.10	---	0.500	ug/l	1x	1.09	--	--	--	1.28%	(25)	08/11/08 14:43	
Toluene	"	0.692	---	0.500	"	"	0.700	--	--	--	1.15%	"	"	
Ethylbenzene	"	0.928	---	0.500	"	"	0.893	--	--	--	3.84%	"	"	
Xylenes (total)	"	2.90	---	1.00	"	"	2.84	--	--	--	1.99%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 97.3%*			*Limits: 68-140%*	"							*08/11/08 14:43*	
Duplicate (8H11017-DUP2)					**QC Source: BRH0095-04**			**Extracted: 08/11/08 09:43**						
Benzene	EPA 8021B	ND	---	0.500	ug/l	1x	ND	--	--	--	NR	(25)	08/11/08 15:48	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	1.00	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 96.5%*			*Limits: 68-140%*	"							*08/11/08 15:48*	
Matrix Spike (8H11017-MS2)					**QC Source: BRH0095-04**			**Extracted: 08/11/08 09:43**						
Benzene	EPA 8021B	32.5	---	0.500	ug/l	1x	ND	30.0	108%	(46-130)	--	--	08/11/08 17:26	
Toluene	"	33.1	---	0.500	"	"	ND	"	110%	(60-124)	--	--	"	
Ethylbenzene	"	33.9	---	0.500	"	"	ND	"	113%	(56-141)	--	--	"	
Xylenes (total)	"	99.8	---	1.00	"	"	ND	90.0	111%	(66-132)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 97.1%*			*Limits: 68-140%*	"							*08/11/08 17:26*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H11021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H11021-BLK2)									Extracted: 08/11/08 10:56					
Acenaphthene	EPA 8270C-SIM	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	08/15/08 17:46	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 111%*			*Limits: 20-131%*	"							*08/15/08 17:46*	
LCS (8H11021-BS2)									Extracted: 08/11/08 10:56					
Acenaphthene	EPA 8270C-SIM	19.8	---	0.100	ug/l	1x	--	20.0	99.2%	(68-129)	--	--	08/15/08 14:03	
Acenaphthylene	"	22.7	---	0.100	"	"	--	"	113%	(77-129)	--	--	"	
Anthracene	"	22.6	---	0.100	"	"	--	"	113%	(80-146)	--	--	"	
Benzo (a) anthracene	"	22.0	---	0.100	"	"	--	"	110%	(73-120)	--	--	"	
Benzo (a) pyrene	"	20.6	---	0.100	"	"	--	"	103%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	23.3	---	0.100	"	"	--	"	117%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	20.8	---	0.100	"	"	--	"	104%	(63-150)	--	--	"	
Benzo (ghi) perylene	"	18.0	---	0.100	"	"	--	"	89.8%	(46-142)	--	--	"	
Chrysene	"	23.4	---	0.100	"	"	--	"	117%	(80-132)	--	--	"	
Dibenz (a,h) anthracene	"	18.5	---	0.100	"	"	--	"	92.4%	(56-138)	--	--	"	
Fluoranthene	"	22.2	---	0.100	"	"	--	"	111%	(79-138)	--	--	"	
Fluorene	"	21.7	---	0.100	"	"	--	"	108%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	17.6	---	0.100	"	"	--	"	88.2%	(53-136)	--	--	"	
1-Methylnaphthalene	"	15.4	---	0.100	"	"	--	"	77.1%	(41-120)	--	--	"	
2-Methylnaphthalene	"	14.6	---	0.100	"	"	--	"	73.2%	(43-122)	--	--	"	
Naphthalene	"	15.2	---	0.100	"	"	--	"	75.8%	(38-128)	--	--	"	
Phenanthrene	"	22.4	---	0.100	"	"	--	"	112%	(77-123)	--	--	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8H11021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8H11021-BS2)								**Extracted: 08/11/08 10:56**						
Pyrene	EPA 8270C-SIM	21.0	---	0.100	ug/l	1x	--	20.0	105%	(60-150)	--	--	08/15/08 14:03	
Surrogate(s): p-Terphenyl-d14		*Recovery: 93.2%*			*Limits: 20-131%*	"							*08/15/08 14:03*	
LCS Dup (8H11021-BSD2)								**Extracted: 08/11/08 10:56**						
Acenaphthene	EPA 8270C-SIM	19.8	---	0.100	ug/l	1x	--	20.0	98.8%	(68-129)	0.465%	(30)	08/15/08 15:31	
Acenaphthylene	"	22.8	---	0.100	"	"	--	"	114%	(77-129)	0.414%	"	"	
Anthracene	"	24.1	---	0.100	"	"	--	"	121%	(80-146)	6.63%	"	"	
Benzo (a) anthracene	"	22.4	---	0.100	"	"	--	"	112%	(73-120)	1.98%	"	"	
Benzo (a) pyrene	"	21.5	---	0.100	"	"	--	"	108%	(70-132)	4.49%	"	"	
Benzo (b) fluoranthene	"	24.4	---	0.100	"	"	--	"	122%	(68-148)	4.25%	"	"	
Benzo (k) fluoranthene	"	21.9	---	0.100	"	"	--	"	109%	(63-150)	4.91%	"	"	
Benzo (ghi) perylene	"	17.2	---	0.100	"	"	--	"	86.1%	(46-142)	4.28%	"	"	
Chrysene	"	23.8	---	0.100	"	"	--	"	119%	(80-132)	1.48%	"	"	
Dibenz (a,h) anthracene	"	19.2	---	0.100	"	"	--	"	96.1%	(56-138)	3.93%	"	"	
Fluoranthene	"	23.2	---	0.100	"	"	--	"	116%	(79-138)	4.15%	"	"	
Fluorene	"	22.2	---	0.100	"	"	--	"	111%	(42-120)	2.16%	"	"	
Indeno (1,2,3-cd) pyrene	"	17.8	---	0.100	"	"	--	"	88.8%	(53-136)	0.610%	"	"	
1-Methylnaphthalene	"	15.7	---	0.100	"	"	--	"	78.5%	(41-120)	1.85%	"	"	
2-Methylnaphthalene	"	14.9	---	0.100	"	"	--	"	74.6%	(43-122)	1.85%	"	"	
Naphthalene	"	15.0	---	0.100	"	"	--	"	75.2%	(38-128)	0.768%	"	"	
Phenanthrene	"	23.4	---	0.100	"	"	--	"	117%	(77-123)	4.58%	"	"	
Pyrene	"	21.0	---	0.100	"	"	--	"	105%	(60-150)	0.105%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 92.3%*			*Limits: 20-131%*	"							*08/15/08 15:31*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Farallon Consulting LLC	Project Name:	**BNSF - John Michael Lease Site**	
975 5th Ave NW Ste 100	Project Number:	683-018	Report Created:
Issaquah, WA/USA 98027	Project Manager:	Dan Caputo	08/22/08 10:36

Notes and Definitions

Report Specific Notes:

C	-	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C8	-	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
Q11	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel.
Q8	-	Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
QP	-	Hydrocarbon result partly due to individual peak(s) in quantitation range.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave,Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRH0095

CLIENT: Farallon Consulting

REPORT TO: Dan Caputo

ADDRESS: 975 5th Ave NW, Issaquah, WA 98027

PHONE (425) 295-0800 FAX: (425) 295-0840

INVOICE TO: Bruce Sheppard, BNSF

P.O. NUMBER:

PROJECT NAME: John Michael Lease Site

PROJECT NUMBER: 683-018

SAMPLED BY: Lyndsey Needham

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [10 STD.] [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5 STD.] [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	DRO/ORO via NWTPH-Dx	GRO/BTEX via NWTPH-Gx	and EPA 8021B	cPAHs EPA 8270SIM	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 MW1-080608	8/6/08 / 1712	X	X	X	X	W	7		-01
2 MW2-080608	8/6/08 / 1550	X	X	X	X	W	7		-02
3 MW3-080608	8/6/08 / 1355	X	X	X	X	W	7		-03
4 MW4-080608	8/6/08 / 1455	X	X	X	X	W	7		-04
5 QA/QC-1-080608	8/6/08 / 1200	X	X	X	X	W	7		-05
6 Trip Blank	8/6/08 / 1710					W	1		06
7									
8									
9									
10									

RELEASED BY: [signature] DATE: 8/7/08

PRINT NAME: Lyndsey Needham FIRM: Farallon TIME: 1600

RECEIVED BY: Colette Weaver DATE: 08.08.08

PRINT NAME: Colette Weaver FIRM: TAL-Seattle TIME: 0945

RELEASED BY: DATE:

PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:

PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP: 6.8°C W/CS

PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances? Circle Y or N

Page Time & Initials:_____ (If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** 323, 357, 387
Date: 08.08.08	Date: 08.08	Date: 8/8	Work Order No. BRH0095
Time: 0945	Time: 1425	Time: 5:30	Client: Farallon Consulting LLC
Initials: CW	Initials: CW	Initials: CB	Project: _____

Container Type:
- X Cooler
- ____ Box
- ____ None/Other _____

COC Seals:
- X Ship Container
- ____ On Bottles
- ____ None

Lyndsey Needham Sign By
08.07.08 Date

Packing Material:
- X Bubble Bags
- ____ Styrofoam
- ____ Foam Packs
- X None/Other bubble wrap

Refrigerant:
- ____ Gel Ice Pack _____
- X Loose Ice ice was melted.
- ____ None/Other _____

Received Via: Bill#
- X Fed Ex
- ____ UPS
- ____ DHL
- ____ Senvoy
- ____ GS
- ____ Client
- ____ TA Courier
- ____ Mid Valley
- ____ TDP
- ____ Other_____

Cooler Temperature (*IR*): ____°C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 6.8 °C or NA (circle one) 5.5°c, 3.8°c Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or (NA)	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	(Y) or N or NA	_____
Correct Type?	(Y) or N	CB 8/8 _____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	(Y) or (N)	_____	Water VOAs: Headspace?	Y or (N) or NA	_____
IDs/time/date match COC?	(Y) or N	_____	Comments:		
Hold Times in hold?	(Y) or N	_____			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 08.08.08	*TIME:* 1053	*PM:* Sandra Yakamavich	*SC INITIALS:* CW
Rush/Short Hold? ☐ *Yes* ☒ *No*			

☐ **Project Not Set Up in ELM** ☐ **New Client** ☐ **COC Received ON HOLD**
☐ **Analysis Requested on COC – Not Listed for Project in ELM**

☐ **PM To Add Analysis:** _____
☐ **Clarification of Analysis:** _____
☐ **Hold Time Expired: (Analysis)** _____
☐ **Turnaround Time Not Checked:** _____
☐ **Did Not Receive Sample(s) Listed on COC:** _____

☒ **Received Extra Sample(s) Not Listed on COC:** Trip Blank received added to COC.

☐ **Sample Description(s) or Date/Time Sampled Do Not Match COC:**

☐ **Improper Preservative For method:** _____
☐ **Sample Received Broken:** _____
☐ **Insufficient Sample Volume:** _____
☐ **Sample preserved upon receipt:** _____

☒ **Temperature Outside recommended range (4°C±2°C):** 6.8c
☐ **Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.**
☐ **Other:**

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	**Date:** **Time:**