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FINAL
ENVIRONMENTAL SITE ASSESSMENT:
PHASE II
PCP/DIESEL MIXING AREAS

at

2737 West Commodore Way
Seattle, Washington

Prepared for

Time Oil Company

June 4, 2001

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DEPT OF ECOLOGY

Prepared by

FOSTER  WHEELER

FOSTER WHEELER ENVIRONMENTAL CORPORATION

12100 NE 195th, Suite 200

Bothell, WA 98011



CONTENTS

1. INTRODUCTION	1
1.1 PURPOSE AND ORGANIZATION	1
1.2 PROJECT OBJECTIVES	2
1.3 LEGAL DESCRIPTION	2
2. PROPERTY HISTORY AND PREVIOUS INVESTIGATIONS	3
2.1 PROPERTY DESCRIPTION	3
2.2 PROPERTY OPERATION	4
2.3 PROPERTY HISTORY	4
2.4 PREVIOUS INVESTIGATIONS	6
3. FIELD ACTIVITIES	6
3.1 SOIL BORINGS	6
3.1.1 Soil Boring Locations	6
3.1.2 Soil Boring Methods	8
3.1.3 Soil Sampling Methods	9
3.1.4 Field Screening Methods	9
3.2 MONITORING WELL INSTALLATION	10
3.2.1 Monitoring Well Location	10
3.2.2 Well Installation Methods	10
3.2.3 Installation Materials	10
3.2.4 Well Development	10
3.3 SURVEYING	11
3.4 WATER LEVEL MEASUREMENTS	11
3.5 GROUNDWATER SAMPLING AND ANALYSIS	11
3.6 INVESTIGATION DERIVED WASTE	12
4. ANALYTICAL RESULTS	12
4.1 FORMER PCP/DIESEL MIXING AREA	13
4.2 FORMER BARREL SHED-PCP/DIESEL SUBSURFACE PIPING AREA 15	
4.3 NEW BARREL SHED AREA	15
5. CONCLUSIONS AND RECOMMENDATIONS	16
5.1 SITE GEOLOGY	16
5.2 NATURE AND EXTENT OF CONTAMINATION	17
5.2.1 Former PCP/Diesel Mixing Area	17
5.2.2 Former Barrel Shed-PCP/Diesel Subsurface Piping Area	18
5.2.3 New Barrel Shed Area	18
5.3 RECOMMENDATIONS FOR FUTURE ACTIONS	19

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DEPT OF ECOLOGY

CONTENTS (CONTINUED)

5.3.1	Former PCP/Diesel Mixing Area	19
5.3.2	Former Barrel Shed-PCP/Diesel Subsurface Piping Area	20
5.3.3	New Barrel Shed Area	20
6.	REFERENCES	21
APPENDIX A	SOIL BORING LOGS	
APPENDIX B	LABORATORY DATA PACKAGES	

05/13/01

10

4/11/01

FIGURES

- Figure 1-1.** Location of Property at 2737 West Commodore Way
- Figure 1-2.** Location of TOC Properties on West Commodore Way, Seattle, Washington
- Figure 1-3.** Layout of Property at 2737 West Commodore Way
- Figure 3-1.** Locations of Soil Borings at 2737 West Commodore Way
- Figure 3-2.** Locations of Wells at 2737 West Commodore Way
- Figure 3-3.** Potentiometric Surface of Property at 2737 West Commodore Way
- Figure 5-1.** Locations of Cross Sections at 2737 West Commodore Way
- Figure 5-2.** Cross Section Beneath Lower Tank Yard
- Figure 5-3.** Cross Section Beneath Former Barrel Shed
- Figure 5-4.** Cross Section Beneath Former AST Area

TABLES

- Table 3-1.** Well Construction Details
- Table 3-2.** Well Development and Sampling Parameters
- Table 3-3.** Water Levels Measured at 2737 West Commodore Way, December 5, 2000
- Table 4-1.** Analytical Results for TPH, Lead, and PCP in Soil at 2737 West Commodore Way (mg/kg) (Page 1 of 3)
- Table 4-2.** Analytical Results for PAHs in Soil at 2737 West Commodore Way (mg/kg) Page 1 of 2
- Table 4-3.** Analytical Results for Groundwater Samples
- Table 4-4.** cPAH Groundwater Concentrations
- Table 5-1.** Summary of Concentrations of Petroleum-Impacted Soil above Cleanup Levels (mg/kg)
- Table 5-2.** Summary of Groundwater Concentrations above Cleanup Levels

ACRONYMS AND ABBREVIATIONS

AST	above-ground storage tank
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
cPAH	carcinogenic PAH
EC	equivalent carbon
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
Foster Wheeler Environmental	Foster Wheeler Environmental Corporation
HDPE	high-density polyethylene
ID	inner diameter
MCL	maximum contaminant level
mg/kg	milligram per kilogram
mg/L	milligram per liter
MNA	monitored natural attenuation
mS/cm	millisiemens per centimeter
MTCA	Model Toxics Control Act
NAD	North American Datum
NAVD	National America Vertical Datum
NTU	nephelometric turbidity unit
NWTPH-D _x	Northwest total petroleum hydrocarbon-diesel extended
NWTPH-G _x	Northwest total petroleum hydrocarbon-gasoline extended
OSWER	Office of Solid Waste and Emergency Response
PAH	polyaromatic hydrocarbon
PCP	pentachlorophenol
PID	photoionization detector
Property	2737 West Commodore Way
PVC	polyvinyl chloride
RBCA	Risk-Based Corrective Action
sim	selected ion monitoring

ACRONYMS AND ABBREVIATIONS (CONTINUED)

TOC	Time Oil Company
TPH	total petroleum hydrocarbon
$\mu\text{g/L}$	micrograms per liter
UST	underground storage tank
VOC	volatile organic compound
VOC	volatile organic compound

1. INTRODUCTION

In August 2000, Foster Wheeler Environmental Corporation (Foster Wheeler Environmental) completed Phase I Environmental Site Assessments (ESAs) at seven properties owned by the Time Oil Company (TOC) located along West Commodore Way in Seattle, Washington. The results of the Phase I ESA activity were documented in Phase I ESA reports prepared for each of the seven properties (Foster Wheeler Environmental 2000). Further investigation activities were suggested for three of the seven properties.

The Phase I ESA report prepared for the property located at 2737 West Commodore Way (Property) indicated that additional investigation was required to evaluate subsurface conditions. One of the key issues identified in the Phase I ESA was the historic use of pentachlorophenol (PCP) at the Property. Phase II ESA activities were subsequently conducted at the Property in November and December 2000. This report presents the results of the Phase II activities conducted relative to the PCP issues at the property located at 2737 West Commodore Way, Seattle, Washington. Figure 1-1 depicts the general location of the Property and Figure 1-2 illustrates the locations of the TOC properties relative to one another (all figures and tables are placed at the end of this report).

1.1 PURPOSE AND ORGANIZATION

The purpose of the Phase II field activities was to evaluate subsurface conditions in specific areas identified during the Phase I ESA. This report is organized into six sections and two appendices.

- Section 1 – Introduction
- Section 2 – Summary of Previous Investigations
- Section 3 – Field Activities
- Section 4 – Analytical Results
- Section 5 – Conclusions and Recommendations
- Section 6 – References
- Appendix A – Soil Boring Logs
- Appendix B – Laboratory Data Packages

1.2 PROJECT OBJECTIVES

The results of the Phase I ESA conducted at the Property suggested that further investigations be conducted at several areas of the Property, including the three listed below, to evaluate subsurface conditions. A layout of the Property and the three areas investigated for the Phase II ESA are provided in Figure 1-3. The areas and the justification for additional investigation are as follows:

1. Former PCP/Diesel Mixing Area—An above-ground storage tank (AST) was used in the Lower Tank Yard Area to mix PCP and diesel during a short period of time in the late 1960s. The Former PCP/Diesel Mixing Area is a sub-area of the Lower Tank Yard Area. Hand-auger screening borings and a temporary monitoring well were planned to evaluate the potential for petroleum-impacted and PCP-impacted soil and groundwater.
2. Former Barrel Shed-PCP/Diesel Subsurface Piping Area—The Former Barrel Shed was located between the warehouse and the office building, west of the Lower Tank Yard Area. The pipeline from the PCP/diesel mixing tank ran underground in this area. Soil borings and a monitoring well were planned to evaluate the potential for petroleum- and PCP-impacted soil and groundwater.
3. New Barrel Shed Area—Solution from the Former PCP/Diesel Mixing Area was transferred to the New Barrel Shed Area in a subsurface pipeline. Barrels were filled manually from an overhead distribution system. Soil borings were planned to evaluate the extent of potential petroleum-impacted and PCP-impacted soil and groundwater.

1.3 LEGAL DESCRIPTION

Site Address: Time Oil Company, Inc.
2737 West Commodore Way
Seattle, Washington 98199

Property Owner: Time Oil Company
2737 West Commodore Way
Seattle, Washington 98199

Legal Description: Section 11, township 25 north, range 3 east, Lawton Park, portions of Blocks 3, 4, and 5.

2. PROPERTY HISTORY AND PREVIOUS INVESTIGATIONS

The following sections describe the history of the Property and summarize previously conducted investigations.

2.1 PROPERTY DESCRIPTION

The Property runs from West Commodore Way south to the Burlington Northern rail line. Most of the Property has been paved, except the area of the former rail lines behind the warehouse and tank yard located on the east side of the Property. A two-story office building is located in the center of the Property near West Commodore Way. A three-section warehouse is located behind this office building, and a former boiler room is connected to the east side of the warehouse via a covered loading dock. An existing open-air barreling shed is located northwest of the warehouse. The tank yard is divided into two sections, the Lower Tank Yard Area and the Upper Tank Yard Area, each constructed at a different time. The Lower Tank Yard Area contains six ASTs, and the Upper Tank Yard Area contains eight ASTs that are larger in volume than those in the Lower Tank Yard Area. The south side of the Upper Tank Yard Area banks steeply upward to the fence line and former rail line spur. The surface of the tank yards is unpaved gravel with patches of grass. Immediately to the west of the tank yards are a pump shed and foamite shed (used for fire suppression). Foster Wheeler Environmental's Final Environmental Assessment: Phase II, Volume 1, Appendix A (2001), contains site photographs taken at various points on the Property during the Phase II field activities.

According to available regulatory records and interviews with TOC personnel, there are several underground storage tanks (USTs) on the Property. Two USTs are located on the north side of the office building: an unused heating oil tank is located on the east side of the office building adjacent to the former furnace room; and a gasoline vapor knock-out tank is located along the north side of the Lower Tank Yard Area. The knock-out tank is associated with the overhead fuel loading racks located just north of the lower yard of the tank yard. There are no known drinking water wells on the Property, but several monitoring wells from previous site investigations are installed within the shallow water-bearing zone beneath the Property.

2.2 PROPERTY OPERATION

The Property is used by TOC for a variety of purposes: it is the site for TOC administrative offices; it serves as a tank yard for petroleum products; and portions are used to store equipment and supplies for service stations such as fuel dispensers, fascia, signs, and miscellaneous supplies (most of these materials are kept near the barreling shed or in part of the warehouse). The primary function of the facility is to store petroleum products in the ASTs in the tank yards. The ASTs range in size from approximately 5,225 barrels to 23,000 barrels. Fuel distribution lines connect the ASTs to an extensive manifold system that is connected to the truck loading rack and a waterfront dock located in the ship canal across West Commodore Way. Fuel is off-loaded from barges and tankers in the ship canal and transferred to the ASTs. From there the fuel is transferred to tanker trucks via the overhead loading rack outside of, and just north of, the Lower Tank Yard Area.

2.3 PROPERTY HISTORY

Information about the history of the Property was derived from a review of available documents, historical photographs, and regulatory records. Former and current employees of TOC were also interviewed.

The Property was acquired by TOC around 1941. Historical photographs (presented in Volume 1, Appendix B of the Final Environmental Site Assessment: Phase II [Foster Wheeler Environmental 2001]) demonstrate a number of changes that have taken place at the Property since 1936. Prior to 1936, the Property appears to have been used for agricultural purposes. The photographs and fire insurance maps show the Rattan Furniture factory, a sawmill, dry kiln, and the U.S. Coast Guard facility located across West Commodore Way.

The 1946 photograph shows the original office building, the Lower and Upper Tank Yard Areas, the pump shed and foamite building, a former barreling shed located immediately west of the office building, and overhead fuel loading racks. The unpaved surface of the Lower Tank Yard Area is noticeably dark and remains unclear whether this is an artifact of the photograph or indicative of site operations. Numerous rows of empty 55-gallon drums are located to the west of the Property, which according to interviews with TOC employees, were filled with petroleum products in the former barreling shed, rolled under West Commodore Way via a barrel incline and tunnel to the TOC dock in the ship canal, and then loaded onto ships. This operation was conducted primarily to support World War II efforts. Interviewees described the former barreling shed as an operation where laborers were hired

to fill barrels and load them onto ships. The filling apparatus was controlled by pulling a line to dispense fuel into a drum. One pull of the line would automatically dispense 50 gallons of fuel into the 55-gallon drums via an overhead nozzle at a very high rate, and if the line was pulled twice, then twice as much fuel would be dispensed (and so on). The interviewees stated they had heard of many times when drums were overfilled and fuel spilled on the ground.

In 1946, a large volume of fuel arrived at the Property via rail cars. There were four rail spurs off the main Burlington Northern line leading onto the TOC property: one spur ran behind the former barreling shed and the other lines led toward the southwest end of the Upper Tank Yard Area. One of these lines ran all the way behind the Upper Tank Yard Area toward 27th Avenue West. Fuel was transferred from tanker cars via hoses to a subsurface line, from which the fuel was pumped into the ASTs. Careful examination of the historical photograph from 1946 shows what appear to be equally-spaced dark patches of soil on the rail spur on the south side of the Upper Tank Yard Area. According to the interviewees, the tank cars were off-loaded with hoses; therefore, these dark patches may be related to petroleum leaks and spills that occurred during off-loading operations. After being disconnected, it was not uncommon for residual fuel to drain from the lines and onto the ground.

The historical photograph from 1960 (Volume 1, Appendix B, Foster Wheeler Environmental 2001) depicts the Property mainly as it is today. A warehouse building, built in the late 1940s according to the Puget Sound Regional Archives, is located south of the office building, parallel with the rail spurs (several of the rail spurs were deactivated by the time of this photograph). A new barreling shed, built in 1952 according to the Puget Sound Regional Archive files, is located just northwest of the warehouse, and the boiler house was added in 1950 (Puget Sound Regional Archive files). The barreling shed seen in the 1946 photograph is no longer on the Property in the 1960 photograph.

According to interviewees, TOC operated a fleet of fuel delivery service trucks which were serviced across the street at the vehicle maintenance facility at 2750 West Commodore Way. The vehicles in the center of the 1960 photograph, toward the west side of the Property, may be related to this operation. Also visible in this photograph are three smaller ASTs, immediately north of the new barreling shed. According to TOC employees, these ASTs were used to store used motor oil. The immediate area surrounding the ASTs was unpaved, but an outer area was paved. The interviewees also indicated that this area had been

impacted by several small spills and leaks related to used motor oil transfer and storage activities.

By 1974 a new vehicle maintenance facility was added on the adjacent property (2800 block) immediately west of the Property. After TOC terminated its fuel truck distribution service, this building was leased to Precision Engineering Specialists (a marine and engine repair facility) in 1976.

According to TOC employees, PCP was mixed in a small AST near the west wall of the Lower Tank Yard Area. The PCP was transferred via underground lines to the new barreling shed where 55-gallon drums and 5-gallon drums were filled, rolled onto a loading dock between the warehouse and the barreling shed, and loaded onto rail cars. This operation reportedly occurred for 3 to 4 months during 1967 as part of a military contract. The 1997 photograph shows the Property as it exists today (Volume 1, Appendix B, Foster Wheeler Environmental 2001).

2.4 PREVIOUS INVESTIGATIONS

Previous investigations have not been conducted near the Former PCP/Diesel Mixing Area, the Former Barrel Shed-PCP/Diesel Subsurface Piping Area, or the New Barrel Shed Area.

3. FIELD ACTIVITIES

Field activities at 2737 West Commodore Way included soil borings, hand-auger screening borings, well installation, soil and groundwater sampling, and surveying. The following sections describe the methodology used to complete the field activities.

3.1 SOIL BORINGS

3.1.1 Soil Boring Locations

Fourteen soil borings and hand-auger screening borings were drilled at the Property for the purpose of assessing potential PCP impacts. Boring locations are shown on Figure 3-1. The location, depth, and rationale for each soil boring location is listed below:

Former PCP/Diesel Mixing Area:

- SB-01 was located southeast of the Former PCP/Diesel Mixing Area. The hand-auger screening boring was advanced to a depth of 14 feet. Groundwater was encountered at a depth of approximately 4.5 feet below ground surface (bgs).
- SB-02 was located northeast of the Former PCP/Diesel Mixing Area. The hand-auger screening boring was advanced to a depth of 14 feet. Groundwater was encountered at a depth of approximately 7.5 feet bgs.
- SB-03 was located north of the Former PCP/Diesel Mixing Area. The hand-auger screening boring was advanced to a depth of 4 feet. Groundwater was encountered at a depth of approximately 3 feet bgs.
- SB-04 was located northwest of the Former PCP/Diesel Mixing Area. The hand-auger screening boring was advanced to a depth of 10 feet. Groundwater was encountered at a depth of approximately 10 feet bgs.
- SB-05 was located southwest of the Former PCP/Diesel Mixing Area. The hand-auger screening boring was advanced to a depth of 14 feet. Groundwater was encountered at a depth of approximately 7 feet bgs.

Former Barrel Shed-PCP/Diesel Subsurface Piping Area:

- SB-26 was located on the east end of the Former Barrel Shed. The boring was advanced to a depth of 20 feet. Groundwater was encountered at a depth of approximately 19 feet bgs.
- SB-27 was located toward the east end of the Former Barrel Shed and west of SB-26. The boring was advanced to a depth of 20 feet. Groundwater was encountered at a depth of approximately 16 feet bgs.
- SB-28 was located towards the middle and south side of the Former Barrel Shed. The boring was advanced to a depth of 20 feet. Groundwater was encountered at a depth of approximately 19 feet bgs.
- SB-29 was located on the west end of the Former Barrel Shed. The boring was advanced to a depth of 25 feet. Groundwater was encountered at a depth of approximately 20 feet bgs. Monitoring well 01MW-06 was installed at this location.

- SB-30 was located on the west end of the Former Barrel Shed. The boring was advanced to a depth of 25 feet. Groundwater was encountered at a depth of approximately 25 feet bgs.
- SB-31 was located on the west end of the Former Barrel Shed and north of SB-30. The boring was advanced to a depth of 25 feet. Groundwater was encountered at a depth of approximately 25 feet bgs.

New Barrel Shed Area:

- SB-06 was located just south of the New Barrel Shed Area. The boring was advanced to a depth of 25 feet. Groundwater was not encountered.
- SB-07 was located south of the New Barrel Shed Area between the former main rail line and the inner spur line. The boring was advanced to a depth of 25 feet. Groundwater was not encountered.
- SB-08 was located between the rail spur lines and south of the warehouse. The boring was advanced to a depth of 25 feet. Groundwater was not encountered.
- SB-51 was located near the center of the New Barrel Shed Area by one of the filling points. The boring was abandoned before installation because of the presence of a concrete-lined trench, which was impossible to hand auger through.
- SB-25 was located on the north side of the New Barrel Shed Area beneath grates covering the associated piping. The boring was abandoned after 6 inches due to refusal caused by a concrete floor.

3.1.2 Soil Boring Methods

The soil borings were drilled with a CME 75 High Torque drill rig operated by Cascade Drilling. The augers used were 4.25-inch inner diameter (ID) hollow stem. Split-spoon samples were driven every 5 feet to describe lithologies and collect soil samples. In most borings, an extra split-spoon sample was driven at the 2-foot-depth interval. Split-spoon samples were 12 inches long (not including the shoe), 2-inch ID, and driven by a 300-pound down-hole jar hammer. Soil borings near the Former PCP/Diesel Mixing Area, including SB-51 and SB-25 at the New Barrel Shed Area, were completed using a stainless steel hand auger. Appendix A contains the soil boring logs.

3.1.3 Soil Sampling Methods

Soil samples were collected directly from the split-spoon and placed in the appropriate laboratory-supplied sample container. Samples collected using the hand auger were composited in a stainless steel bowl prior to filling the sample containers. The analyses requested for each sample depended on the location. In general, the samples were analyzed for:

- Gasoline using Washington State Department of Ecology's (Ecology) Northwest total petroleum hydrocarbon-gasoline extended (NWTPH-Gx) Method
- Benzene, toluene, ethylbenzene, and xylene (BTEX) using U.S. Environmental Protection Agency (EPA) 8021B
- Diesel and oil using Ecology's Northwest total petroleum hydrocarbon-diesel extended (NWTPH-Dx) Method
- PCP using EPA Method 8270-sim (selected ion monitoring)
- Carcinogenic polyaromatic hydrocarbons (cPAHs) using EPA Method 8270-sim
- Total metals (or only lead) using EPA 6000/7000 series
- Volatile petroleum hydrocarbons and extractable petroleum hydrocarbons by modified Ecology interim total petroleum hydrocarbon (TPH) policy method

The gasoline/BTEX and volatile organic compound (VOC) samples were collected first out of each spoon, or from the stainless steel bowl prior to compositing. The sample containers were placed in sealed baggies and placed directly into a chilled cooler for transport to the laboratory. Soil samples were labeled according to their soil boring location and depth collected (i.e., SB-43-2 = soil boring 43, sample depth 2 feet). North Creek Analytical (Bothell, Washington) received the samples at the end of each day in the field.

The split-spoons and hand augers were decontaminated by a thorough washing in soapy water, rinsing with water, rinsing with methanol, and finally rinsing with deionized water supplied by the analytical laboratory.

3.1.4 Field Screening Methods

Soil samples were screened in the field using a photoionization detector (PID), HNu Model P101, equipped with a 10.2-electron-volt lamp. Some samples were screened using a Hanby Field Test Kit designed for detecting petroleum in soil. The Hanby Kit is a semi-quantitative kit in which 5 grams of soil are mixed with a proprietary extract, then the

extract is decanted and mixed with a catalyst and agitated for 4 minutes. The extract reacts with the catalyst. The color change in the extract indicates the type of fuel present and an approximate concentration. Samples extracted in the field were compared to photographs of standards supplied by the Hanby Kit manufacturers.

3.2 MONITORING WELL INSTALLATION

Eight new monitoring wells were installed and developed during the Phase II investigation activities. The locations for the new monitoring wells and the existing wells are shown in Figure 3-2. Table 3-1 presents the available well construction information for wells at 2737 West Commodore Way. One of the new wells (01MW-06) was installed specifically for the evaluation of PCP- and petroleum-impacted soil and groundwater.

3.2.1 Monitoring Well Location

One monitoring well, 01MW-06 (SB-29), was located along the former location of the pipeline used to transfer the mixture of PCP and diesel. This location is also directly beneath the Former Barrel Shed Area. The well is screened within the shallow water-bearing zone.

3.2.2 Well Installation Methods

Monitoring well 01MW-06 was installed as described in Section 3.1.2.

3.2.3 Installation Materials

Monitoring well 01MW-06 was installed with flush-threaded, 2-inch ID polyvinyl chloride (PVC) casing with variable screen lengths of 0.010-inch slots. The sand pack consists of a 20-40 Colorado silica sand around the screen to 2 feet (typically) above the top of the screen. The sand pack is overlain by a bentonite seal of at least 1 foot (typically). Concrete and flush-mount monuments were used to complete the wells. Heavy duty well monuments were used for wells in high vehicular traffic areas.

3.2.4 Well Development

Monitoring well 01MW-06 was developed following installation. For development, the well was surged frequently with a double stage purge pump, and was pumped of at least three well volumes of water. The tubing was changed on the pump between each

monitoring well, and the pump was also decontaminated by washing and pumping soapy (Liquinox) water, and rinsing with deionized water supplied by the analytical laboratory.

Visual observations and measurement of physical parameters provided monitoring of the development progress. Measurements during development and well sampling were made for pH, temperature, conductivity, and turbidity using a Horiba U-10 Water Quality Checker. The meter was calibrated before each use using standards supplied by the instrument provider. Table 3-2 provides the final parameters measured during the sampling and development of all the monitoring wells, including 01MW-06.

3.3 SURVEYING

The surveying of the soil boring locations was conducted by Inca Engineering, Inc. Horizontal control was specified to 0.1 foot, based on Washington State Plane Coordinate System, North America Datum (NAD) 83/91 City of Seattle. Vertical control was specified to 0.01 foot, based on the National America Vertical Datum (NAVD) 88 City of Seattle. A summary of the survey results is presented in Table 3-1.

3.4 WATER LEVEL MEASUREMENTS

Water levels measurements were made from all available wells. Depth to groundwater measurements were subtracted from surveyed measuring point elevations to produce the water level elevations (potentiometric head), as shown in Table 3-3. A potentiometric surface for the Property is shown in Figure 3-3.

3.5 GROUNDWATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the previously installed wells (01MW-01 through 01MW-04) November 16, 2000. The new well was sampled November 30 through December 5, 2000. Water samples were collected in laboratory supplied glassware and delivered to the laboratory each evening after sampling.

Samples were collected using a peristaltic pump, disposable high-density polyethylene (HDPE) tubing, and silicone tubing. At each well the HDPE tubing was inserted into the water, approximately the center of the well screen. A piece of disposable silicon tubing was connected to the HDPE tubing and threaded through the pump. Both pieces of tubing were discarded after each use and new tubing was selected for the next well.

The analyses requested for each groundwater sample depended on the location. In general, the water samples were analyzed for:

- Gasoline using Ecology's NWTPH-Gx Method
- BTEX using EPA Method 8021B
- Diesel and oil using Ecology's NWTPH-Dx Method
- PCP using EPA Method 8270-sim
- Total metals (or lead only) using EPA 6000/7000 series

Groundwater samples (SB-01-W and SB-02-W) were collected from SB-01 and SB-02, respectively, in the Former PCP/Diesel Mixing Area. The samples were collected by lowering a disposable HDPE bailer directly into the open borings. The groundwater was turbid which may have affected the measured groundwater concentrations.

3.6 INVESTIGATION DERIVED WASTE

Soil cuttings from the Property were transferred to the stock piles on the Property for disposal by TOC. Decontamination water was collected by the drilling company in 55-gallon type 1A drums, transferred to TOC, and stored behind the warehouse at 2737 West Commodore Way and near a container at 2750 West Commodore Way.

4. ANALYTICAL RESULTS

Soil samples were analyzed by North Creek Analytical Labs in Bothell, Washington. Where applicable, results were compared to Ecology's proposed Method A soil cleanup levels for unrestricted land use. Ecology's proposed rule does not differentiate between industrial property and unrestricted land use, as the current regulations do, and is expected to be adopted within 6 months. The proposed soil cleanup levels for diesel and oil are higher than the current Model Toxics Control Act (MTCA) Method A cleanup levels, while the proposed soil cleanup levels for gasoline have been divided into two categories: gasoline without benzene and less than 20 percent aromatics between equivalent carbon (EC) 8 and EC16 (proposed soil cleanup level of 100 milligrams per kilogram [mg/kg]); and all other gasoline mixtures (proposed soil cleanup level of 30 mg/kg). The proposed BTEX cleanup levels for soil have been lowered. For PCP, the soil results were compared to the MTCA Method B carcinogenic cleanup level for residential soils, and PCP concentrations in

groundwater samples were compared to the most restrictive federal maximum contaminant levels (MCLs). Other groundwater contaminant concentrations were compared to the MTCA Method A cleanup levels for groundwater. The analytical results are presented in Tables 4-1 through 4-4.

Appendix B contains the laboratory data packages for the samples collected at the Property. In addition to the data from the property located at 2737 West Commodore Way, several of the data packages contain results for samples collected at other TOC properties (2750 and 2805 West Commodore Way). The data packages are presented in their entirety to allow the reader to evaluate the data relative to the quality control data associated with the environmental samples from the property.

4.1 FORMER PCP/DIESEL MIXING AREA

Five hand-auger screening borings were drilled near the Former PCP/Diesel Mixing Area in the southwest corner of the Lower Tank Yard Area. As shown in Table 4-1, gasoline was detected above the proposed MTCA Method A cleanup level of 100 mg/kg in SB-02 at a depth of 2 feet at a concentration of 217 mg/kg. The samples collected from a depth of 5 to 14 feet in SB-02 did not contain any concentration of gasoline-impacted soil above the method reporting limit. Diesel and oil were detected above the proposed MTCA Method A cleanup level of 2,000 mg/kg in SB-03 at the surface at concentrations of 2,010 mg/kg and 4,780 mg/kg, respectively. Gasoline, diesel, and oil were detected above the proposed MTCA Method A cleanup level in SB-03 at a depth of 2 feet at concentrations of 1,670 mg/kg, 14,700 mg/kg, and 6,350 mg/kg, respectively. SB-03 was abandoned at a depth of 4 feet due to the presence of perched water entering the hole, thus making it impossible to collect a discrete sample without compromising the integrity of the sample. Gasoline, diesel, and oil were detected above the proposed MTCA Method A cleanup level in SB-04 at a depth of 2 feet at concentrations of 513 mg/kg, 5,670 mg/kg, and 2,320 mg/kg, respectively.

Lead was not detected in any of the soil borings above the MTCA cleanup level of 250 mg/kg.

Borings SB-01 through SB-05 were analyzed for PCP. PCP was detected above the MTCA Method B residential carcinogenic cleanup level (8.33 mg/kg) in surface samples (0.6 inch) at SB-03 (202 mg/kg) and SB-04 (803 mg/kg), and at a depth of 5 feet in SB-04 (20.9 mg/kg). Subsurface samples collected at SB-01, SB-02, SB-04, and SB-05 contained trace

levels of PCP. Some of the detected PCP concentrations may be a byproduct of the hand-auger drilling method and may not be representative of soil conditions at depth.

The samples from the borings around the Former PCP/Diesel Mixing Area were analyzed for cPAHs. The total concentration of cPAHs were determined by summing the concentrations and including one-half of the reporting limit for nondetects. This conservative approach, though widely accepted, can indicate an exceedance even when no analytes are detected. Consequently, the data used to calculate the total cPAHs need to be considered when making conclusions. Total cPAHs exceeded the current MTCA Method A cleanup level of 1.0 mg/kg in SB-03 in the surface sample (SB03A) and 2-foot depth (SB03B). Concentrations were 1.08 mg/kg and 4.53 mg/kg at the surface and 2-foot sample, respectively. The original boring (SB-03; sample SB-03-0.6) was abandoned due to the presence of perched water passing through petroleum-impacted soil, making it impossible to collect undisturbed samples from deeper intervals. The total concentrations of cPAHs exceeded the MTCA cleanup level in SB-04 at the surface, 2-foot depth, and 5-foot depth with concentrations of 2.67 mg/kg, 1.70 mg/kg, and 8.09 mg/kg, respectively. The sample collected from the bottom of SB-04 did not exceed the cleanup level for total cPAHs.

Four additional surface samples (SS-01 through SS-04) were collected around the Former PCP/Diesel Mixing Area and analyzed for cPAHs and PCP. PCP was detected above the method reporting limit in one sample (SS-01) at a concentration of 3.87 mg/kg. None of the additional surface samples exceeded the MTCA Method B cleanup level for PCP. According to the calculations shown on Table 4-2, the concentrations of cPAHs for both SS-01 and SS-03 totaled 1.75 mg/kg, thus exceeding the cleanup level. However, a detailed evaluation of the data reveals that no individual cPAH was detected above the method reporting limit, and the total cPAHs calculation is due to the conservative data manipulation approach in which one-half of the reporting limit is added to the total for nondetects. Total cPAHs did exceed the cleanup level at SS-04 with a calculated total concentration of 9.26 mg/kg.

Groundwater

Gasoline and BTEX were not detected above the proposed MTCA Method A cleanup levels for groundwater. Diesel was detected above the proposed MTCA Method A cleanup level in SB-01-W and SB-02-W at concentrations of 10.9 milligrams per liter (mg/L) and 3.60 mg/L, respectively. PCP was detected above the MCL in SB-02-W at a concentration of

1.64 micrograms per liter ($\mu\text{g/L}$). cPAHs were not detected above the method reporting limit.

4.2 FORMER BARREL SHED-PCP/DIESEL SUBSURFACE PIPING AREA

Soil

Six soil borings (SB-26 through SB-31) were installed near the Former Barrel Shed. Gasoline was detected above the proposed MTCA Method A cleanup level at a depth of 5 feet in SB-27 at a concentration of 121 mg/kg. Samples from the 15-foot and 20-foot-depth interval in SB-27 did not contain concentrations of petroleum-impacted soil above the method reporting limit. Gasoline and diesel were detected above the proposed MTCA Method A cleanup level in SB-29 at a depth of 2 feet and 5 feet (gasoline only) as shown in Table 4-1. Gasoline was detected above the proposed MTCA Method A cleanup level in SB-30 at a depth of 2 feet at a concentration of 5,120 mg/kg. Gasoline, diesel, and oil were detected above the proposed MTCA Method A cleanup level in SB-31 at a depth of 2 feet at concentrations of 577 mg/kg, 11,400 mg/kg, and 7,730 mg/kg, respectively.

Lead was not detected above the current MTCA Method A cleanup level in the borings near the Former Barrel Shed.

The concentration of cPAHs exceeded the current MTCA Method A cleanup level in SB-29 at a depth of 2 feet. The exceedance was due to the conservative approach used of summing one-half of the reporting limit for nondetects. It should be noted that only one cPAH (benzo[a]pyrene) was detected above the method reporting limit.

Groundwater

One groundwater sample was collected from 01MW-06 and analyzed for PCP, petroleum products, and lead. PCP was detected above the MCL (1.0 $\mu\text{g/L}$) at a concentration of 1.80 $\mu\text{g/L}$.

4.3 NEW BARREL SHED AREA

Three soil borings were attempted in the New Barrel Shed Area. Soil samples were analyzed for PCP, petroleum, and total lead. One sample (SB-07-5) contained concentrations of gasoline, benzene, ethylbenzene, and xylene above the proposed MTCA Method A cleanup levels. SB-51 and SB-25 were not completed because a concrete slab was encountered in both borings at a shallow depth (< 1.5 feet).

5. CONCLUSIONS AND RECOMMENDATIONS

5.1 SITE GEOLOGY

The Puget Sound Basin is a convex-eastward basin lying between the Cascade Range and the Olympic Mountains (coastal range). The basin is open to the north and connects to the Pacific Ocean via the Strait of Juan de Fuca. The Puget Sound Basin has been inundated with continental ice during the Pleistocene. At least five major advances and several lesser advances are recorded (Galster and Laparde 1991), resulting in the deposition of several glacial and nonglacial deposits. The most common unit, and applicable to the TOC Property, is the Vashon Drift. The Vashon Drift is divided into the Lawton Clay, Esperance Sand, Vashon Till, and Recessional deposits. The Lawton Clay, characterized by laminated dark gray clay and light gray silt, forms the basal unit and represents the deposition of sediments in a lake that formed as the Puget lobe advanced south and blocked the northern part of the Puget Sound Basin. The upper contact of the Lawton is generally transitional with the Esperance Sand which represents the advance outwash of the Vashon glacier. It is commonly a fine to medium sand, with silt beds and lenticular channel deposits of gravel (Galster and Laparde 1991). The Vashon Till is a basal lodgement till that mantles much of Seattle and generally ranges from gravely, sandy silt to silty sand with varied amounts of clay and scattered cobbles and boulders.

Soil types beneath the Property are consistent in the six soil borings installed to the west at 2805 West Commodore Way. In general, the upper 10 to 15 feet of the site consists of silty fine-grained sand with occasional minor gravel (possible Vashon Till); the material is dry, dense, tan to gray, and odorless. From a depth of 15 to 25 feet, the site consists of well sorted, fine-grained sand (possible Esperance Sand); the color changes from brown to gray, with a slight increase in grain size, at the water table. In several borings at 2737 West Commodore Way and across the street (2750 West Commodore Way), fine-grained silt/clay (possible Lawton Clay or transition zone) was encountered near sea level.

Cross sections were developed based on the boring logs from the Phase II field activities. Figure 5-1 provides a key showing the locations of the cross sections, which are presented in Figures 5-2 through 5-4.

The cross section for the Lower Tank Yard Area (Figure 5-2) shows well- to poorly sorted sand in most borings. SB-24 and SB-18 had layers of silty sand over the well-sorted sand

that formed the aquifer unit. In three of the borings, impermeable silt and/or clay was found in the bottom at depths ranging from 17 feet (SB-24) to 30 feet (SB-18).

Figure 5-3 shows the cross section beneath the Former Barrel Shed. In general, the subsurface consists of well-sorted sand with a layer of silty sand of varying thicknesses. Gravelly material is found at the surface and to a depth of 5 feet in SB-29 and SB-33. Groundwater is found consistently in the well-sorted sand at a depth of 20 feet.

Figure 5-4 shows the cross section beneath the Former AST Area extending to the south by the Former Barrel Shed Area. In general, the area is underlain by silty, sandy gravel up to 5 feet thick in places (beneath the Former ASTs). A silty sand layer is found up to 15 feet deep in SB-43 and SB-34, and 10 feet deep in SB-33. This is underlain by well-sorted sand that forms the upper aquifer.

5.2 NATURE AND EXTENT OF CONTAMINATION

The following subsections describe the nature and extent of contamination within each area. Summary tables (Tables 5-1 and 5-2) show all the samples exceeding the proposed MTCA Method A or B cleanup levels. Based on the findings of the Phase I reports and recent field activities, in general, petroleum-impacted soil at the Property appears limited to the upper 5 feet of soil in isolated areas. In some cases, petroleum-impacted soil is seen at depths of 10 to 15 feet.

5.2.1 Former PCP/Diesel Mixing Area

Diesel- and oil-impacted soil are present near the Former PCP/Diesel Mixing Area in SB-03 at depths of 0.6 foot and 2 feet, and in SB-04 at a depth of 2 feet. Gasoline was also detected above the cleanup levels in the 2-foot samples collected from SB-02, SB-03, and SB-04. PCP was detected in 17 of the 24 samples analyzed at concentrations ranging from 0.0578 mg/kg (SB-01-14) to 803 mg/kg (SB-04-0.6). In most cases the PCP-impacted soil was limited to the surface. The samples collected from the 2-foot-depth interval in SB-01 through SB-03 do not contain concentrations of PCP above the method reporting limit; however, subsequent samples in SB-01 and SB-02 (SB-03 was terminated at a depth of 2 feet) do contain trace amounts of PCP in the soil. These trace amounts are believed to be a by-product of the sampling method used and not representative of actual soil conditions. The highest concentration of PCP was detected under the fuel lines leading to the manifold (SB-04) where solid PCP crystals are visible in the surface soil; at SB-04 the concentrations

continue to diminish with depth. The additional surface samples collected in the area (SS-01 through SS-04) did not contain concentrations of PCP above the method reporting limit, with the exception of SS-01 (3.87 mg/kg). The PCP concentration in SS-01 was below the MTCA Method B cleanup level. Total cPAHs in SB-03 and SB-04 did exceed the MTCA cleanup level of 1 mg/kg at depths of 0 to 2 feet and 0 to 5 feet, respectively. One surface sample (SS-04) also exceeded the MTCA Method A cleanup level for cPAHs. A review of the field notes did not document the presence of material that would indicate a petroleum release.

The PCP concentration (1.64 $\mu\text{g/L}$) in the groundwater sample collected from SB-02 exceeded the MCL of 1.0 $\mu\text{g/L}$. However, the sample was turbid and, consequently, the analytical result may have been influenced by sediment in the sample. Diesel did exceed the proposed cleanup level in SB-01-W and SB-02-W; however, the results may have been influenced by the high turbidity of the sample. Based on the groundwater conditions at the Property, and the detection of PCP in the soil and possibly in the groundwater, a down-gradient well is recommended in this area.

5.2.2 Former Barrel Shed-PCP/Diesel Subsurface Piping Area

Petroleum-impacted soil was evident in SB-27 at a depth of 5 feet, in SB-29 at depths ranging from 2 to 5 feet, and in SB-30 and SB-31 at a depth of 2 feet.

SB-29 was completed as a well (01MW-06) and contained concentrations of PCP (1.80 $\mu\text{g/L}$) above the MCL. Soil samples from boring SB-29 were not analyzed for PCP, therefore, no correlation between soil concentrations and groundwater concentrations could be made.

5.2.3 New Barrel Shed Area

Soil samples collected from the borings behind the New Barrel Shed Area contained petroleum-impacted soil in samples collected from the 5-foot-depth interval in SB-07 (gasoline and benzene). The petroleum-impacted soil is limited in vertical and horizontal extent. Trace levels of PCP exceeded the method reporting limit but were below the cleanup levels.

5.3 RECOMMENDATIONS FOR FUTURE ACTIONS

Based on the conclusions above, Foster Wheeler Environmental recommends future actions for the Property as described in the sections below. The suggestions below include source removal, bioremediation, Risk-Based Corrective Action (RBCA) evaluations, and groundwater monitoring.

In addition to typical fuel related analytes, other parameters may be analyzed to evaluate the natural attenuation process at the site; these parameters include iron, nitrate, sulfate, and dissolved oxygen. Monitored natural attenuation (MNA) is a useful tool to demonstrate compliance regulatory cleanup levels.

According to EPA's Office of Solid Waste and Emergency Response (OSWER) directive, titled Use of Monitored Natural Attenuation at Superfund RCRA Correction and UST Sites (April 1999), MNA is most appropriate when used in conjunction with other remedial actions or as a follow-up remediation measure. At this particular site, some petroleum source removal activities have been conducted and additional activities are recommended depending on the area. Bioremediation and MNA, in conjunction with the quarterly monitoring of groundwater movement and petroleum and BTEX concentrations, will provide useful information to evaluate groundwater movement and monitor the effectiveness of the source removal and bioremediation activities, coupled with the natural attenuation of contaminants as they undergo degradation. RBCA evaluations should be conducted to ensure that soil and groundwater impacts proposed to be addressed by MNA do not present unacceptable threats to the environment or to the current or future inhabitants of the property.

5.3.1 Former PCP/Diesel Mixing Area

During the Phase II field activities, a hand auger was used to collect screening samples around the Former PCP/Diesel Mixing Area. While the hand-auger screening samples did provide useful data, the integrity of the samples collected at depths greater than 2 feet may have been influenced by overlying material in the boring. Consequently, further quantitative samples are recommended for this area to further define the lateral and vertical extent of PCP-impacted soil. Foster Wheeler Environmental recommends that a portable drilling and sampling device (i.e., Minute-man) be used to collect additional samples. A down-gradient well is also recommended for the area to evaluate if groundwater has been impacted by historical operations. Based on the screening samples, it is expected that the additional

sampling will confirm the premise that the PCP-impacted soil is limited to the surface soil near the fuel lines (location of SB-04) leading to the manifold system. A possible outcome is a limited removal action, whereby the top 2 feet of soil surrounding the immediate area is excavated. Continued monitoring of the groundwater beneath the site for petroleum and natural attenuation parameters should be considered. Because the area is fenced and secured, the potential for exposure to contaminant-impacted soil is minimized.

5.3.2 Former Barrel Shed-PCP/Diesel Subsurface Piping Area

Petroleum-impacted soil was limited to the upper 5 feet of soil in two adjacent borings (SB-27 and SB-29) and in the upper 2 feet in two other borings (SB-30 and SB-31). Because the area is paved and the soil is not accessible to the public or on-site workers, the soil does not present a direct exposure pathway. However, continued groundwater monitoring of 01MW-06 is recommended to evaluate the PCP trends present in the groundwater and to ensure contaminants do not leach out of the soil into the groundwater.

5.3.3 New Barrel Shed Area

Petroleum-impacted soil was limited to SB-07 at depths ranging from 2 to 5 feet. One possible option for the area is the limited removal of soil exceeding cleanup levels near SB-07. This area may be addressed using the RBCA evaluations mentioned in Section 5.3.

Borings planned at the New Barrel Shed Area were abandoned because of refusal at each location. Foster Wheeler Environmental recommends that one soil boring be installed in the parking area directly north of the New Barrel Shed Area. The boring should be completed as a monitoring well to evaluate potential groundwater impacts.

6. REFERENCES

- Foster Wheeler Environmental. 2000. Environmental Site Assessment: Phase I. Prepared for Time Oil Company by Foster Wheeler Environmental, Bothell, Washington. August 4, 2000.
- Foster Wheeler Environmental. 2001. Final Environmental Assessment: Phase II. Prepared for Time Oil Company by Foster Wheeler Environmental, Bothell, Washington. April 6, 2001.
- Galster, R.W. and W.T. Laprade. 1991. Geology of Seattle, Washington, United States of America. *Bulletin of the Association of Engineering Geologists*. 28(3):235-302.
- IT (IT Corporation). 2000. Site Assessment Report, Time Oil Co. Site 2737, 2750 West Commodore Way, Seattle, Washington. March 8, 2000.
- TOC (Time Oil Company). 1991. Underground Storage Tank Site Check/Site Assessment at Seattle Terminal, 2737 West Commodore Way, Seattle, Washington – Property No. 01-228. December 30, 1991.
- TOC. 2000. Transmittal of Site Assessment Report, Time Oil Co. Property No. 01-600; Seattle Terminal Service USTs, 2737 West Commodore Way, Seattle, Washington. May 25, 2000.

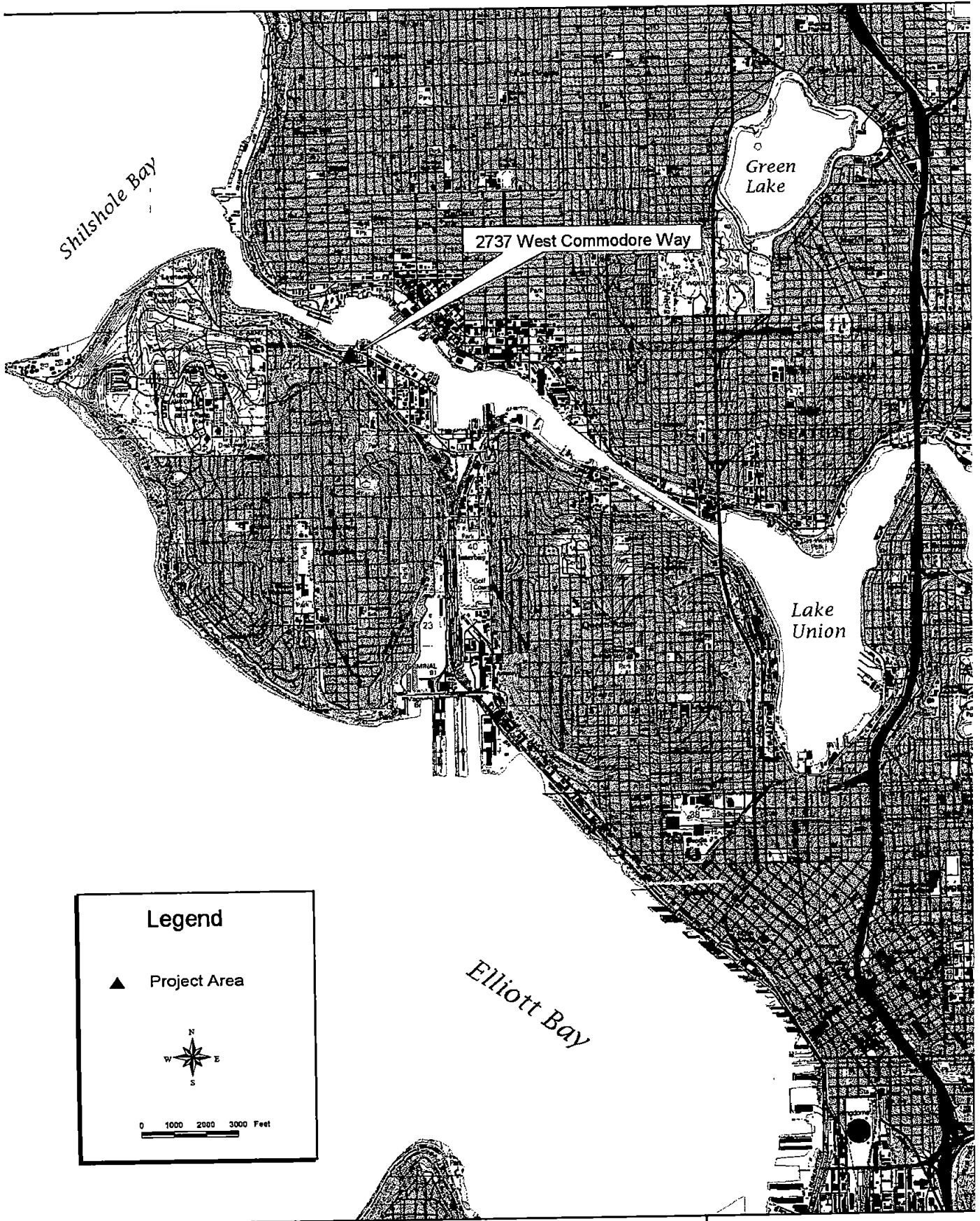
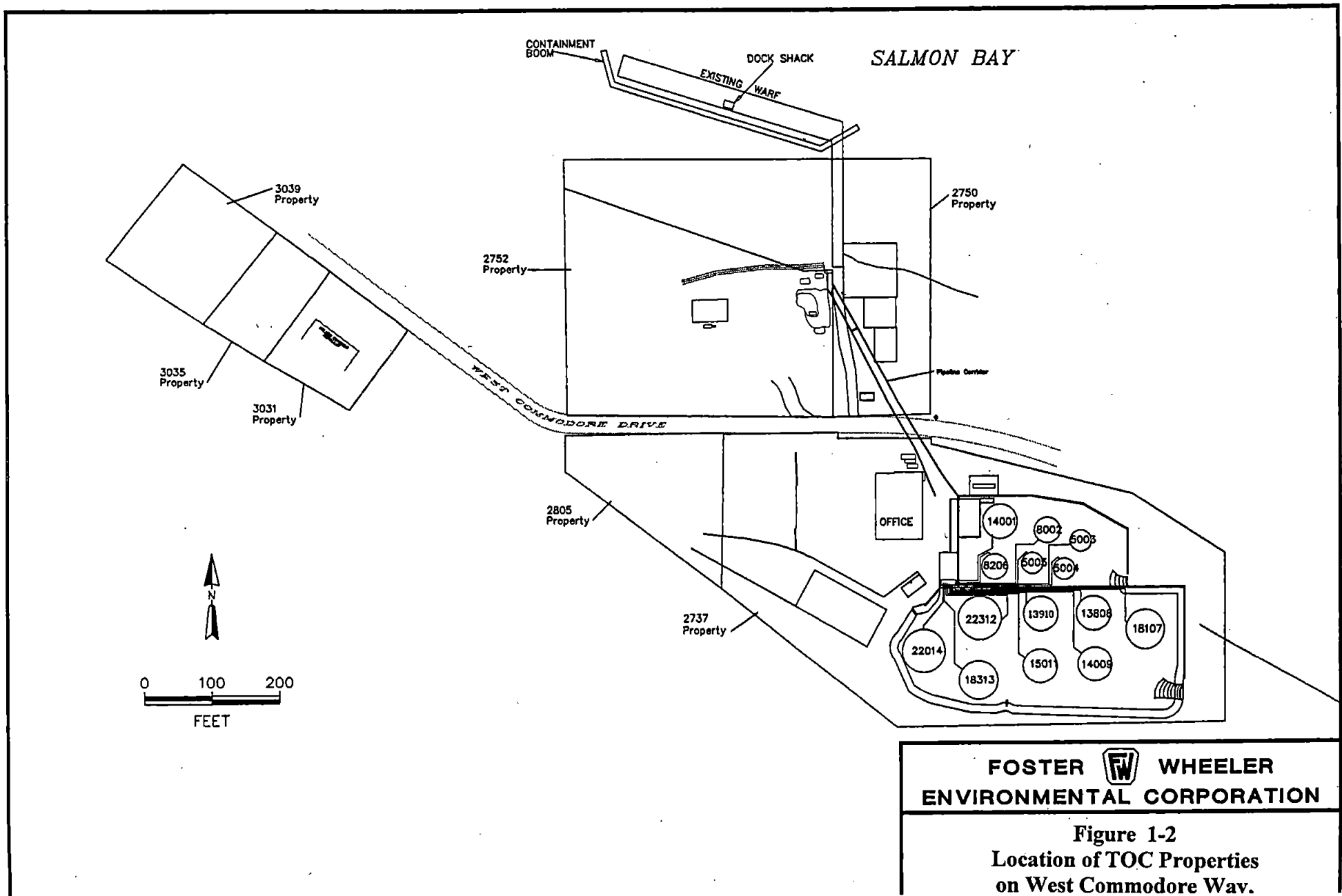
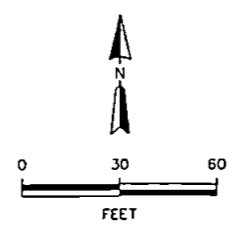
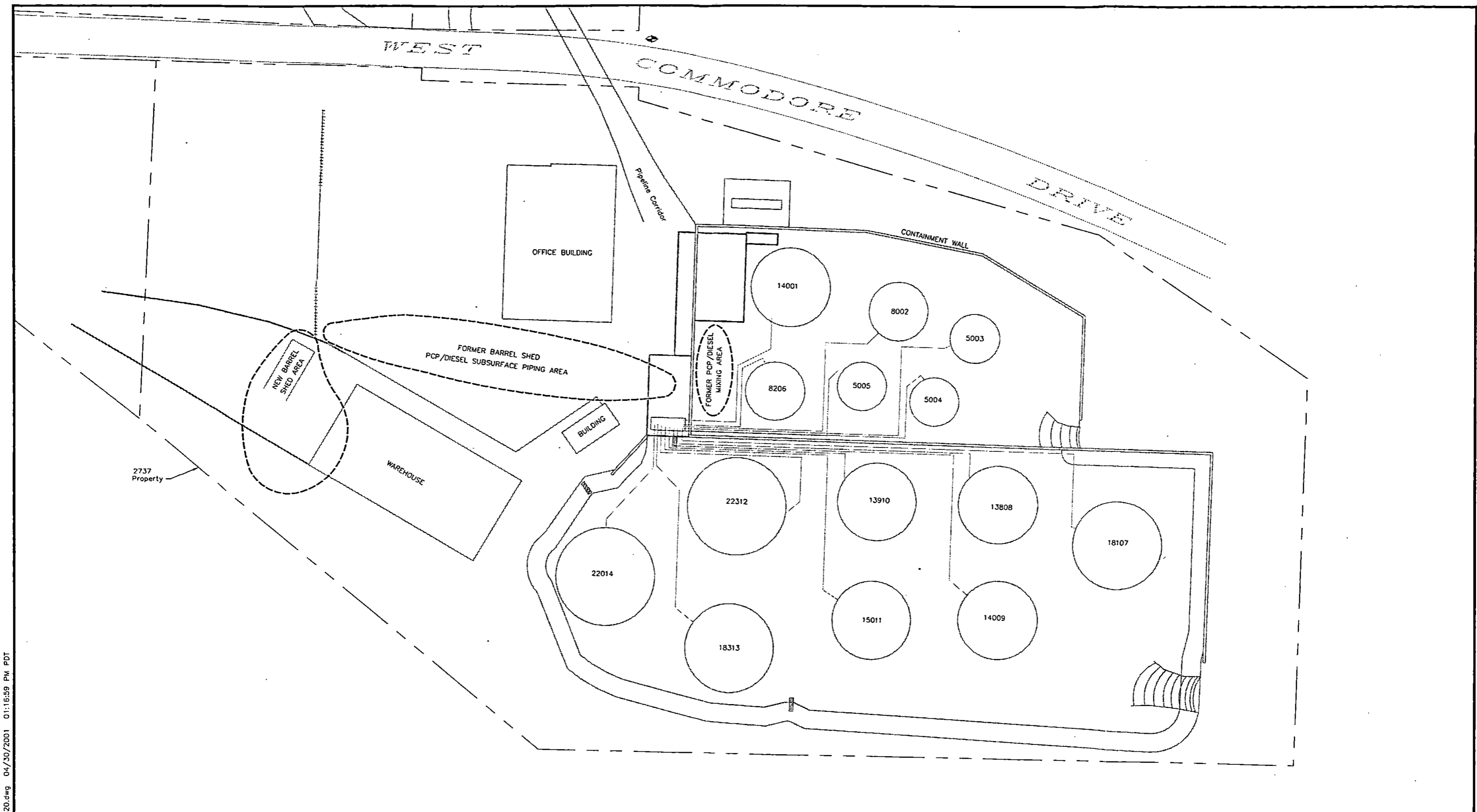


Figure 1-1

Time Oil Company
Phase II Environmental Site Assessment

Location of Property at
2737 West Commodore Way

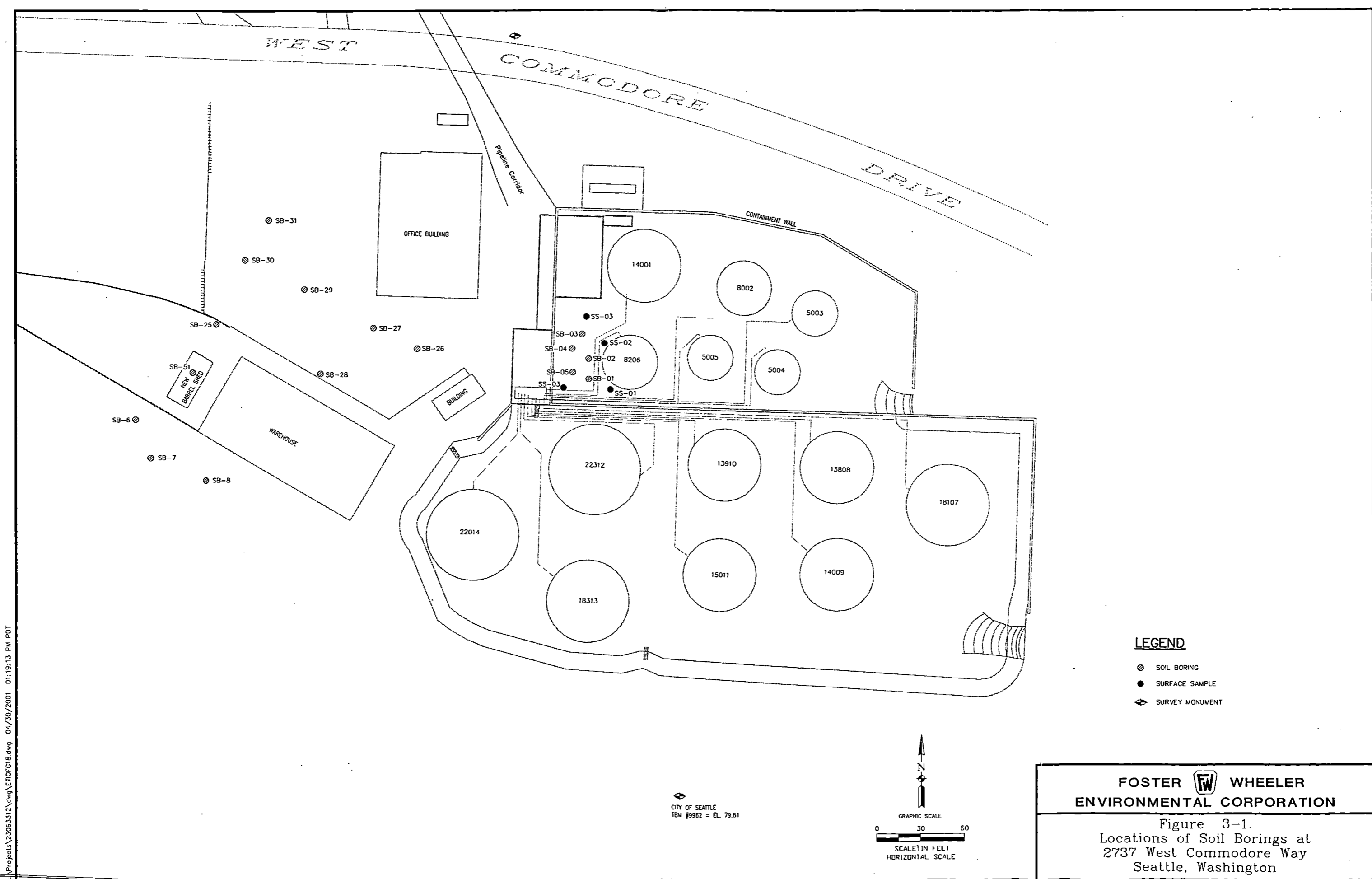




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Figure 1-3.
Layout of Property at
2737 West Commodore Way
Seattle, Washington

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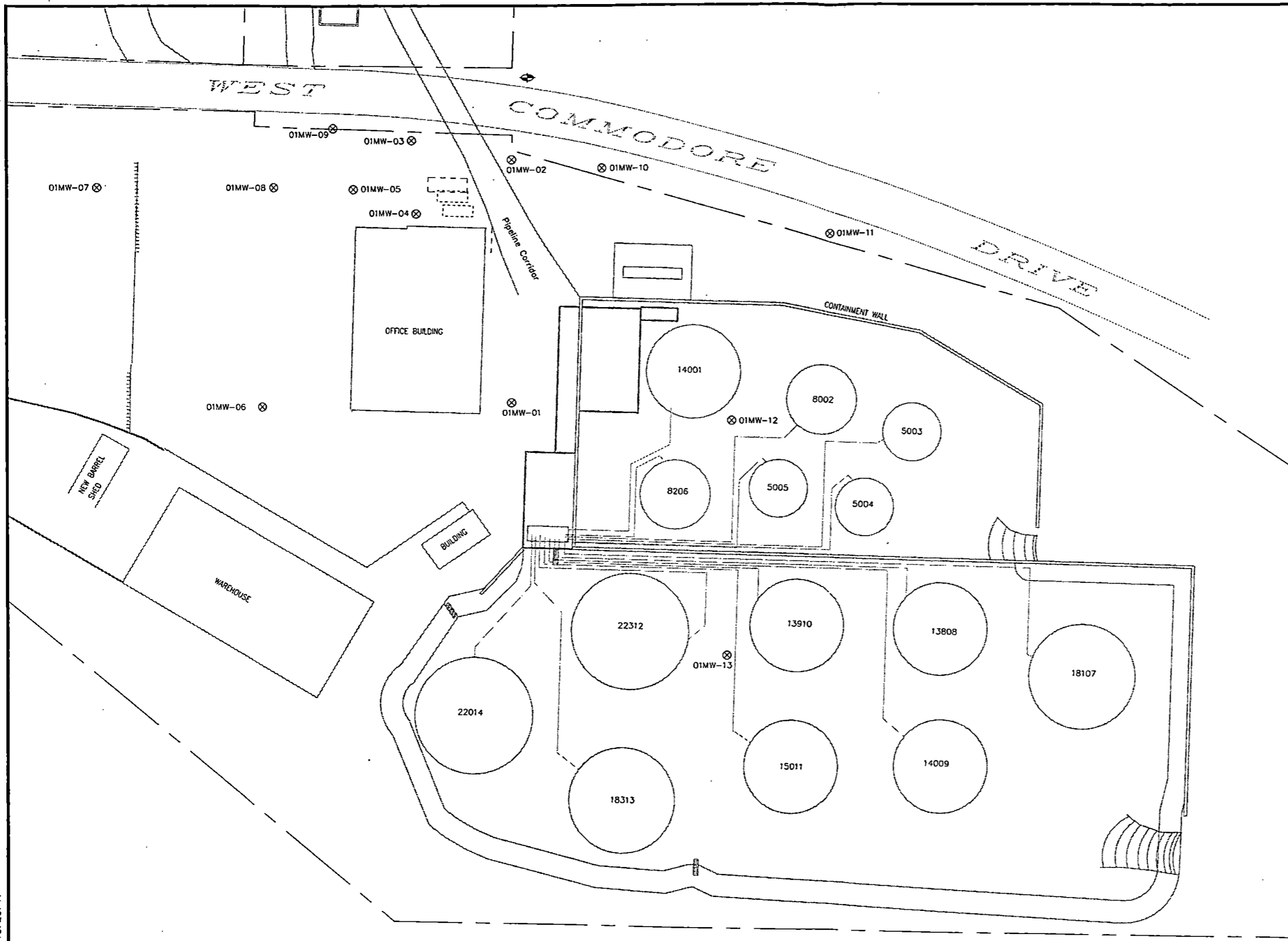


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Figure 3-1.
Locations of Soil Borings at
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Seattle, Washington

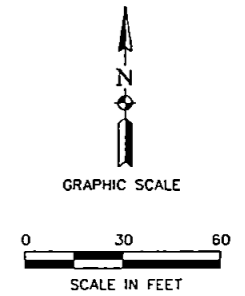
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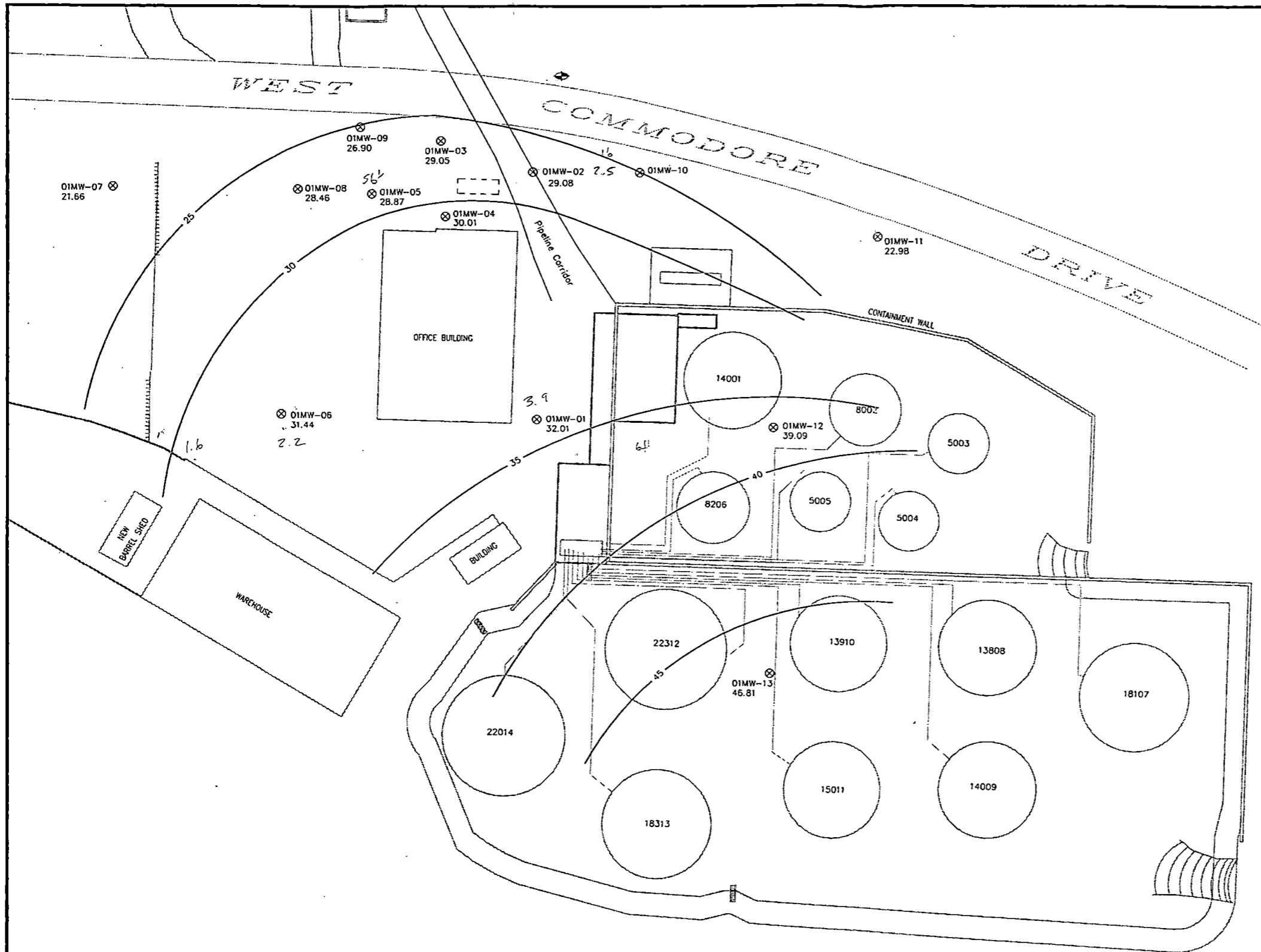
- ⊗ MONITORING WELL
- ◆ SURVEY MONUMENT
- EQUIPOTENTIAL CONTOUR
- CI = EQUIPOTENTIAL CONTOUR



CITY OF SEATTLE
TBM #9962 = EL. 79.61

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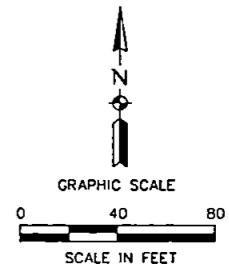
Figure 3-2
Location of Wells at
2737 West Commodore Way
Seattle, Washington



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- ⊗ MONITORING WELL
- ◊ SURVEY MONUMENT
- 45— EQUIPOTENTIAL CONTOUR

CONTOUR INTERVAL = 5 FEET



CITY OF SEATTLE
TBM #9962 = EL. 79.61


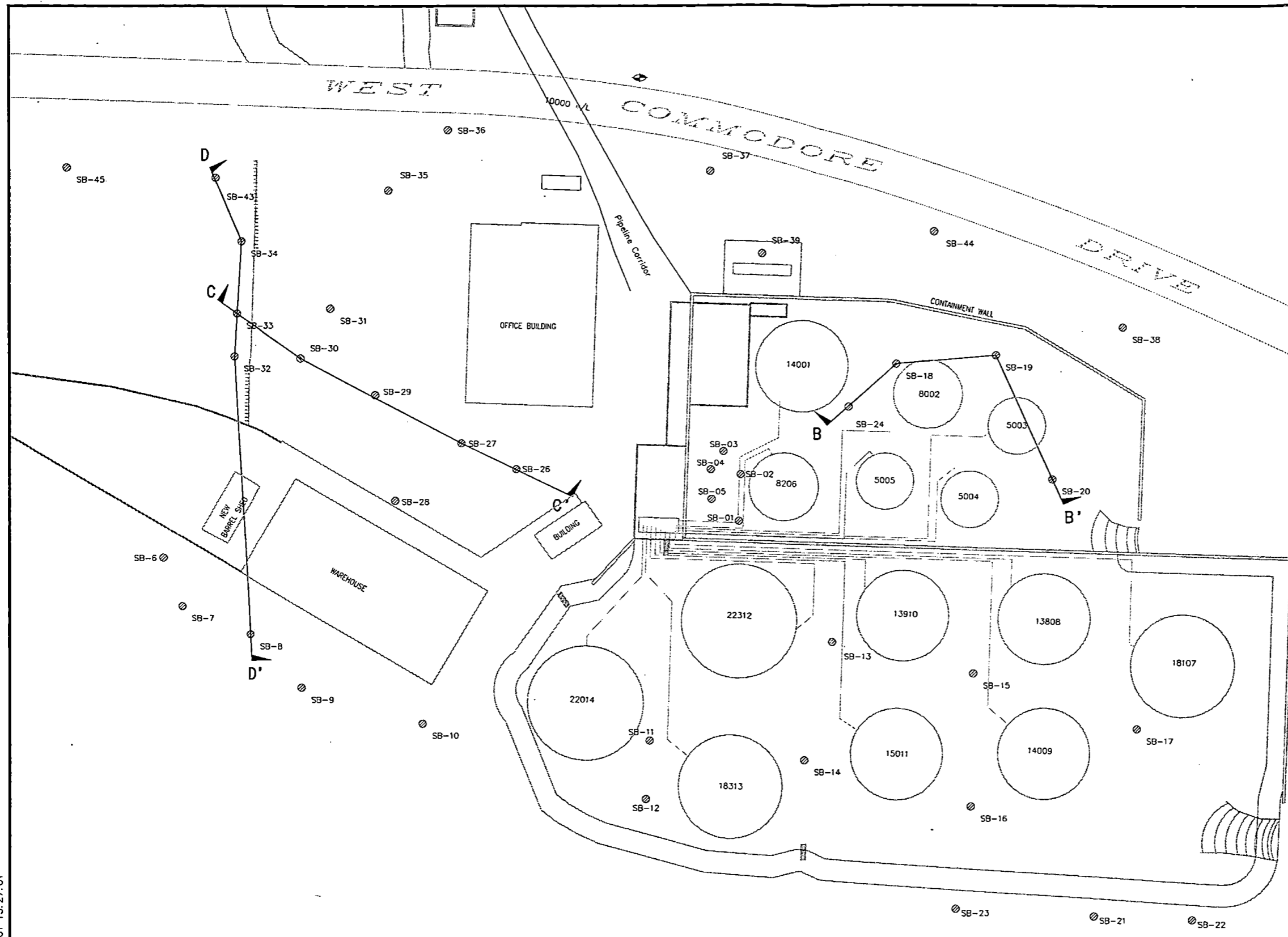
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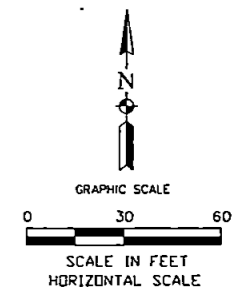
Figure 3-3.
Potentiometric Surface (12/5/00) at
2737 West Commodore Way
Seattle, Washington

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- ◊ SURVEY MONUMENT
- ⊙ SOIL BORING

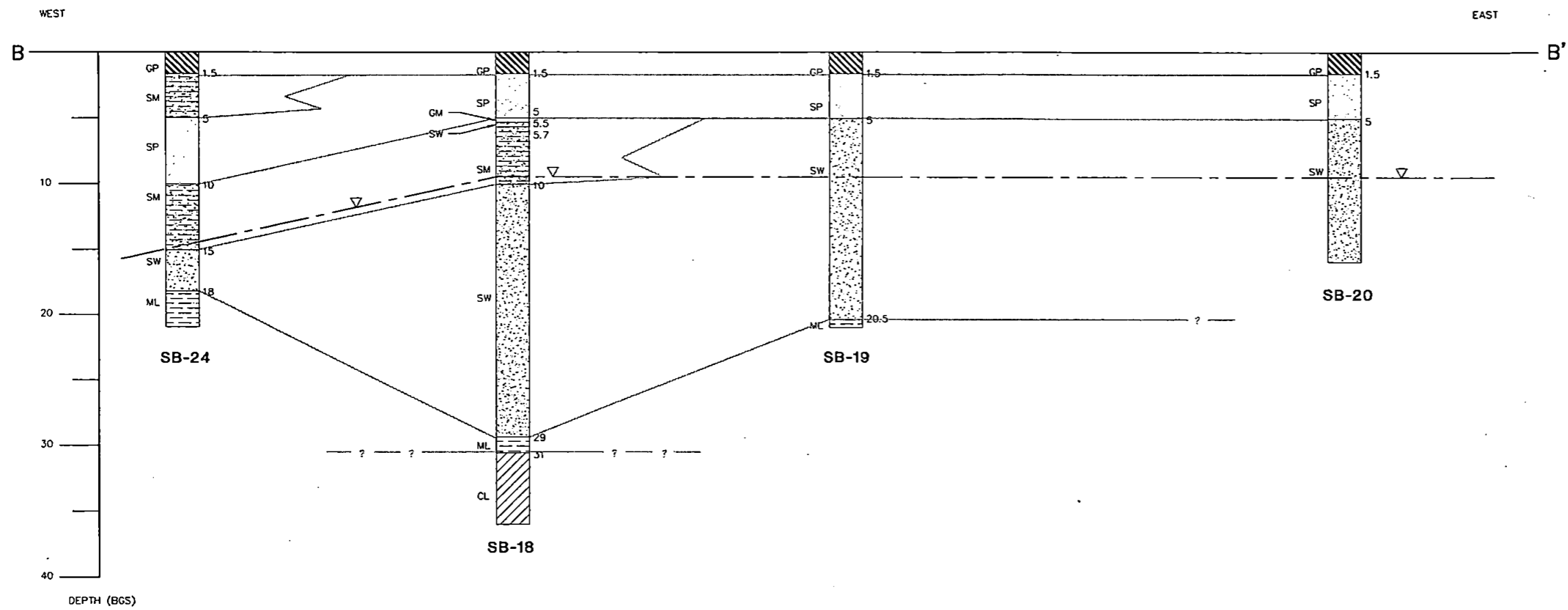


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






CITY OF SEATTLE
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Figure 5-1
 Locations of Cross Sections at
 2737 West Commodore Way
 Seattle, Washington



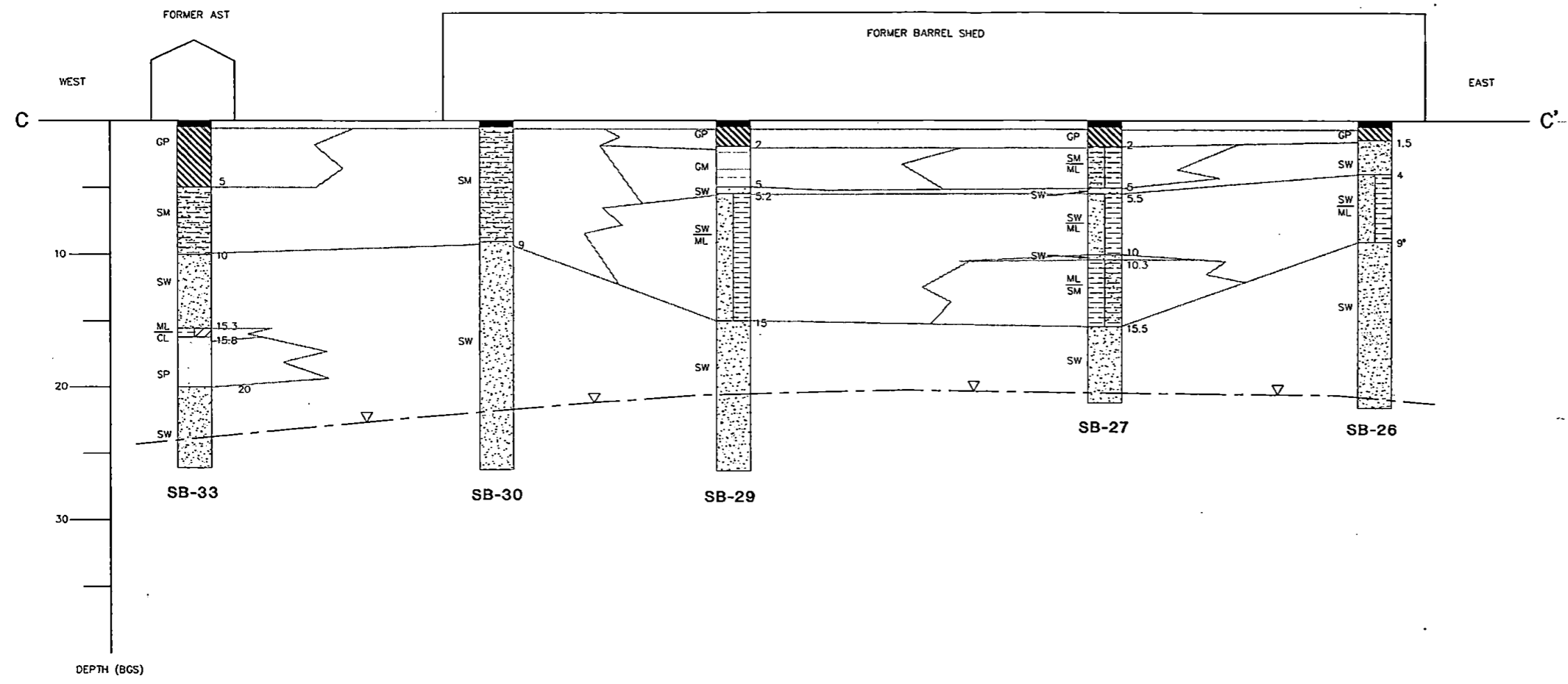
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-  CL - CLAY
-  SP - POORLY SORTED SAND
-  GP - POORLY SORTED GRAVEL
-  GM - POORLY SORTED SILTY GRAVEL
-  SM - SILTY SAND
-  SW - WELL SORTED SAND
-  ML - SILT
-  APPROXIMATE LOCATION OF WATER TABLE










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Figure 5-2
Cross Section Beneath
Lower Tank Yard

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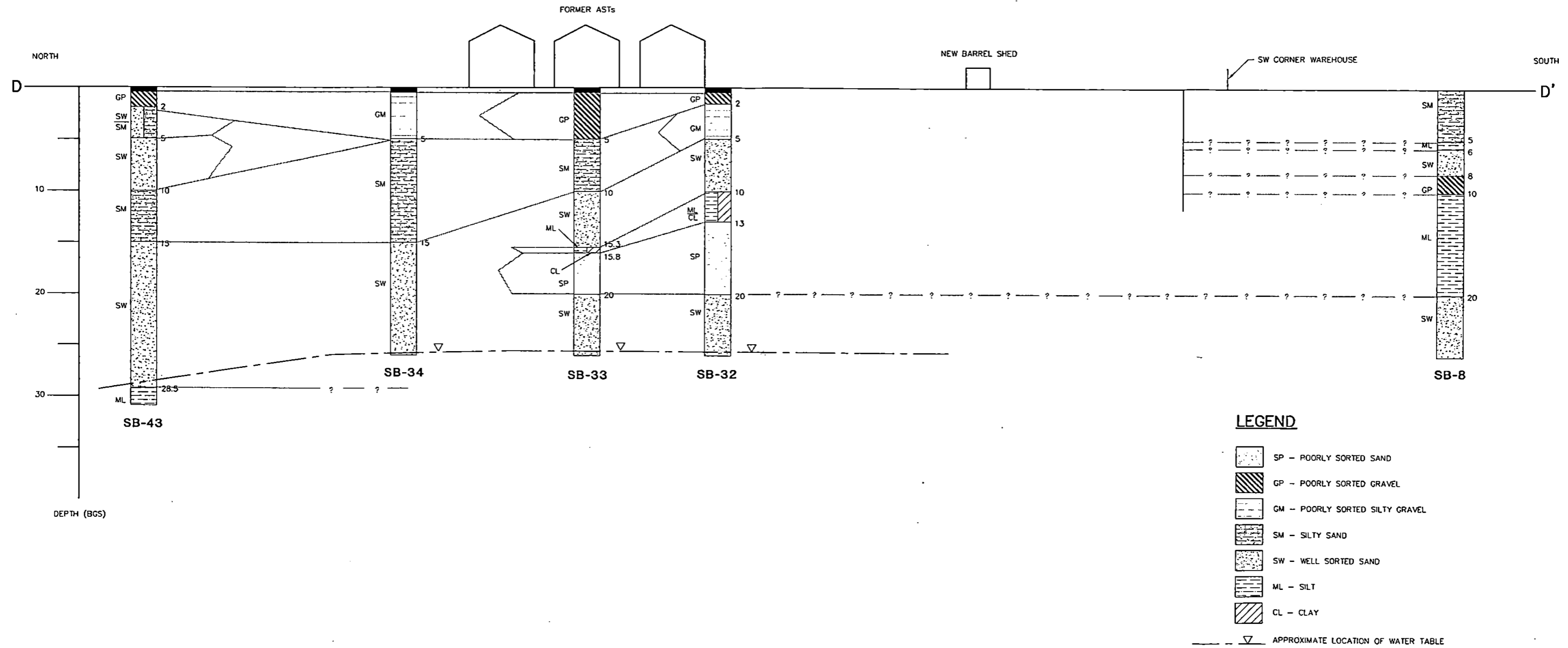
-  CL - CLAY
-  ML - SILT
-  SP - POORLY SORTED SAND
-  GP - POORLY SORTED GRAVEL
-  GM - POORLY SORTED SILTY GRAVEL
-  SM - SILTY SAND
-  SW - WELL SORTED SAND
-  APPROXIMATE LOCATION OF WATER TABLE
-  ASPHALT

**FOSTER  WHEELER
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




Figure 5-3
Cross Section Beneath Former Barrel Shed

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-  SP - POORLY SORTED SAND
-  GP - POORLY SORTED GRAVEL
-  GM - POORLY SORTED SILTY GRAVEL
-  SM - SILTY SAND
-  SW - WELL SORTED SAND
-  ML - SILT
-  CL - CLAY
-  APPROXIMATE LOCATION OF WATER TABLE


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Figure 5-4
 Cross Section Beneath Former AST Area

Table 3-1. Well Construction Details

Well	Coordinates (WA State Plane)		Top of Casing Elevation (Feet msl)	Ground Elevation (Feet msl)	Total Depth of Boring (Feet bgs)	Total Depth of Well (Feet bgs)	Depth of Screen Interval (Feet bgs)	Elevation of Screen Interval (Feet msl)
	Northing (Feet)	Easting (Feet)						
01MW-01	245454.603	1256198.248	46.48	46.76	25.00	25.25	10 - 25	36.76 - 21.76
01MW-02	245585.027	1256198.518	44.78	45.15	25.00	24.91	10 - 25	35.15 - 20.15
01MW-03	245597.585	1256160.493	44.35	44.75	25.20	25.15	10 - 25	34.75 - 19.75
01MW-04	245563.117	1256163.148	45.08	45.56	25.00	24.90	10 - 25	35.56 - 20.56
01MW-05	245569.311	1256114.025	45.40	45.77	25.00	24.88	10 - 25	35.77 - 20.77
01MW-06	245452.677	1256064.638	47.74	48.23	25	25.10	10 - 25	38.23 - 23.23
01MW-07	245570.711	1255975.885	45.17	45.53	30	28.17	15 - 30	30.53 - 15.53
01MW-08	245570.471	1256070.985	45.21	45.63	25	24.93	10 - 25	35.63 - 20.63
01MW-09	245602.062	1256103.039	43.91	44.37	25	24.70	10 - 25	34.37 - 19.37
01MW-10	245580.377	1256246.968	45.02	45.35	25	24.90	10 - 25	35.35 - 20.35
01MW-11	245545.081	1256368.92	46.10	46.45	30	29.90	15 - 30	31.45 - 16.45
01MW-12	245444.877	1256316.069	45.84	46.29	20	20.00	5 - 20	40.84 - 25.84
01MW-13	245317.347	1256313.287	46.36	46.81	20	19.88	15 - 20	31.81 - 26.81

Table 3-2. Well Development and Sampling Parameters

Well	Date	Gallons Purged	pH	Temperature (Celsius)	Conductivity (mS/cm)	Turbidity (NTU)
01MW-01	11/15/00	15	7.1	15.3	0.600	35
	11/16/00	na	6.9	14.8	0.483	3
01MW-02	11/15/00	15	6.9	15.4	0.742	54
	11/16/00	na	6.8	15.3	0.724	52
01MW-03	11/15/00	15	6.7	15.1	0.519	876
	11/16/00	na	6.8	15.0	0.291	57
01MW-04	11/13/00	45	6.7	15.2	0.294	> 1,000
	11/16/00	na	6.5	15.1	0.216	60
01MW-06	11/29/00	45	7.2	14.3	0.980	10
01MW-07	11/30/00	7	6.9	15	0.689	34
	12/1/00	na	6.9	12	0.699	3
01MW-08	11/30/00	70	7.1	15	0.684	84
	12/1/00	na	7.1	13	0.980	10
01MW-09	11/30/00	50	7.0	16	0.560	8
	12/1/00	na	6.9	14	0.554	10
01MW-11	11/30/00	21	7.1	14	0.544	110
	12/1/00	na	7.1	13	0.641	13
01MW-12	12/4/00	40	6.8	12	1.020	53
	12/5/00	na	6.7	9.6	1.00	10
01MW-13	12/4/00	54	7.1	12	0.693	245
01MW-13	12/5/00	na	6.7	10.8	0.685	10

Note: mS/cm = millisiemens per centimeter
 NTU = nephelometric turbidity unit
 na = Not applicable

Table 3-3. Water Levels Measured at 2737 West Commodore Way, December 5, 2000

Well	Date Measured	Top of Casing Elevation (Feet msl)	Ground Elevation (Feet msl)	Total Depth of Well (Feet bgs)	Depth of Fuel (Feet bgs)	Depth of Water (Feet bgs)	Fuel Thickness (Feet)	Water Elevation (Feet msl)
01MW-01	12/5/00	46.48	46.76	25.25	0.00	14.47	0.00	32.01
01MW-02	12/5/00	44.78	45.15	24.91	0.00	15.70	0.00	29.08
01MW-03	12/5/00	44.35	44.75	25.15	0.00	15.30	0.00	29.05
01MW-04	12/5/00	45.08	45.56	24.90	0.00	15.07	0.00	30.01
01MW-05	12/5/00	45.40	45.77	24.88	15.47	20.75	5.28	28.87
01MW-06	12/5/00	47.74	48.23	25.10	0.00	16.30	0.00	31.44
01MW-07	12/5/00	45.17	45.53	28.17	0.00	23.51	0.00	21.66
01MW-08	12/5/00	45.21	45.63	24.93	0.00	16.75	0.00	28.46
01MW-09	12/5/00	43.91	44.37	24.70	0.00	17.01	0.00	26.90
01MW-10	12/5/00	45.02	45.35	24.90	0.00	24.07	0.00	20.95
01MW-11	12/5/00	46.10	46.45	29.90	0.00	23.12	0.00	22.98
01MW-12	12/5/00	45.84	46.29	20.00	0.00	6.75	0.00	39.09
01MW-13	12/5/00	46.36	46.81	19.88	0.00	7.40	0.00	46.81

Table 4-1. Analytical Results for TPH, Lead, and PCP in Soil at 2737 West Commodore Way (mg/kg) (Page 1 of 3)

	Lead	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	PCP	Diesel	Oil
MTCA ^{1/}	250	100 ^{2/}	0.03	7	6	9	8.33 ^{3/}	2,000	2,000
Former PCP/Diesel Mixing Area									
SS-01	na	na	na	na	na	na	3.87	na	na
SS-02	na	na	na	na	na	na	< 1.25	na	na
SS-03	na	na	na	na	na	na	< 2.50	na	na
SS-04	na	na	na	na	na	na	< 0.500	na	na
SB-01-0.6	na	na	na	na	na	na	0.930	na	na
SB-01-2	9.14	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	< 0.250	114	116
SB-01-5	3.86	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0871	40.9	55.9
SB-01-10	2.62	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0812	47.2	26.2
SB-01-14	2.54	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0578	< 10.0	< 25.0
SB-02-0.6	na	na	na	na	na	na	1.15	na	na
SB-02-2	3.34	217	< 0.200	< 0.200	< 0.200	< 0.400	< 0.250	1,400	158
SB-02-5	6.26	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0615	15.3	< 25.0
SB-02-10	6.17	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0613	14.0	< 25.0
SB-02-14	4.60	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0585	< 10.0	< 25.0
SB-03-0.6	9.23	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	202	2,010	4,780
SB03B (2 ft)	3.36	1,670	< 1.00	< 3.20	< 7.00	< 16.2	< 0.500	14,700	6,350
SB-04-0.6	na	na	na	na	na	na	803	na	na
SB-04-2	4.55	513	< 0.250	< 0.250	< 0.470	< 0.875	1.26	5,670	2,320
SB-04-5	5.13	8.42	< 0.0500	< 0.0500	< 0.0500	< 0.100	20.9	217	260
SB-04-10	3.07	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.2330	< 25.0	< 25.0
SB-05-0.6	na	na	na	na	na	na	2.18	na	na
SB-05-2	5.87	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0761	< 10.0	< 25.0
SB-05-5	5.59	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.264	11.1	< 25.0
SB-05-10	2.66	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0981	< 10.0	< 25.0

Table 4-1. Analytical Results for TPH, Lead, and PCP in Soil at 2737 West Commodore Way (mg/kg) (Page 2 of 3)

	Lead	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	PCP	Diesel	Oil
MTCA ^{1/}	250	100 ^{2/}	0.03	7	6	9	8.33 ^{3/}	2,000	2,000
Former Barrel Shed-PCP/Diesel Subsurface Piping Area									
SB-26-2	3.19	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	54.1	< 25.0
SB-26-4	9.18	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	10.7	< 25.0
SB-26-9	2.45	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-26-14	2.89	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-26-19	2.37	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-27-2	4.63	56	< 0.0500	< 0.0500	< 0.0500	< 0.150	na	562	472
SB-27-5	2.79	121	< 0.100	< 0.100	< 0.100	< 0.314	na	1,190	< 525
SB-27-10	7.61	71	< 0.0500	< 0.0500	< 0.0500	< 0.163	na	242	316
SB-27-15	5.56	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-27-20	2.01	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-28-2	2.41	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	12.3	< 25.0
SB-28-5	4.62	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-28-10	3.02	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-28-15	3.66	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-28-20	2.48	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-29-2	13.3	536	< 0.500	< 0.500	< 0.500	< 1.83	na	3,220	1,160
SB-29-5	4.27	393	< 0.200	< 0.200	< 0.560	< 1.12	na	1,930	488
SB-29-10	5.28	6.97	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-29-15	3.86	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-29-20	2.31	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-29-25	2.15	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-30-2	7.22	5,120	< 1.00	< 1.00	< 9.12	< 33.0	na	832	< 275
SB-30-5	3.41	19.8	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-30-10	3.82	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-30-15	3.40	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-30-20	2.50	18.7	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	16.5	< 25.0
SB-30-25	2.31	< 5.00	0.0853	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-31-2	53.9	577	< 0.512	< 0.248	< 0.824	< 2.52	na	11,400	7,730
SB-31-5	5.18	13.5	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-31-10	3.43	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-31-15	2.30	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-31-20	2.14	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0
SB-31-25	1.80	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0

Table 4-1. Analytical Results for TPH, Lead, and PCP in Soil at 2737 West Commodore Way (mg/kg) (Page 3 of 3)

	Lead	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	PCP	Diesel	Oil
MTCA ^{1/}	250	100 ^{2/}	0.03	7	6	9	8.33 ^{3/}	2,000	2,000
New Barrel Shed Area									
SB-06-5	8.64	10.6	< 0.0500	< 0.0500	< 0.0500	< 0.100	< 0.250	553	369
SB-06-10	3.58	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0548	< 10.0	< 25.0
SB-06-15	9.36	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0548	< 10.0	< 25.0
SB-07-5	8.33	1,240	2.17	< 1.00	7.6	18.2	< 0.250	1,190	783
SB-07-10	9.81	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	< 0.250	< 10.0	< 25.0
SB-07-15	9.54	7.56	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0572	< 10.0	< 25.0
SB-08-5	9.52	26.2	< 0.0500	< 0.0500	< 0.0500	< 0.100	0.0560	< 10.0	< 25.0
SB-08-10	8.34	15	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	447	< 25.0
SB-08-15	9.44	< 5.00	< 0.0500	< 0.0500	< 0.0500	< 0.100	na	< 10.0	< 25.0

Notes: ^{1/} Results above the proposed MTCA Method A cleanup level for unrestricted land use are shown in bold and italics.

^{2/} Proposed MTCA Method A cleanup level for gasoline without benzene and < 20% aromatics between EC8 and EC16. All other gasoline mixtures are 30 mg/kg.

^{3/} Results above MTCA Method B carcinogenic cleanup level are shown in bold and italics. < symbol indicates result is less than the method reporting limit (in parenthesis).

na - No analysis requested.

Table 4-2. Analytical Results for PAHs in Soil at 2737 West Commodore Way (mg/kg)

Sample	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHs
Former PCP/Diesel Mixing Area																	
SS-01	na	na	na	< 0.500	< 0.500	< 0.500	na	< 0.500	< 0.500	< 0.500	na	na	< 0.500	na	na	na	1.75
SS-02	na	na	na	< 0.250	< 0.250	< 0.250	na	< 0.250	< 0.250	< 0.250	na	na	< 0.250	na	na	na	0.88
SS-03	na	na	na	< 0.500	< 0.500	< 0.500	na	< 0.500	< 0.500	< 0.500	na	na	< 0.500	na	na	na	1.75
SS-04	na	na	na	1.63	1.71	2.13	na	0.760	1.93	< 0.100	na	na	1.05	na	na	na	9.26
SB-01-0.6	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.136	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.35
SB-01-2	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	0.0617	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	0.18
SB-01-5	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0118	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0160	0.0118	0.04
SB-01-10	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0215	0.0116	0.04
SB-01-14	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.04
SB-02-0.6	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	0.18
SB-02-2	0.343	< 0.0500	0.153	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	0.0766	< 0.0500	0.129	0.975	< 0.0500	0.0967	1.59	0.536	0.23
SB-02-5	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0141	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0116	< 0.0100	< 0.0100	0.0273	0.0133	0.04
SB-02-10	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0106	< 0.0100	< 0.0100	< 0.0100	0.0342	0.0138	0.04
SB-02-14	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0376	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.07
SB-03-0.6	1.74	< 1.25	2.12	5.50	3.57	3.38	2.99	< 1.25	9.94	< 1.25	5.60	2.61	2.03	2.61	11.6	16.2	25.67
SB03A (0.6 ft)	< 0.250	< 0.250	< 0.250	< 0.250	< 0.250	< 0.250	1.72	< 0.250	< 0.250	< 0.250	< 0.250	< 0.250	0.328	< 0.250	< 0.250	< 0.250	1.08
SB03B (2 ft)	3.20	< 0.100	2.91	1.21	0.822	0.399	0.647	< 0.100	1.29	< 1.00	2.21	8.70	0.255	43.7	21.1	10.8	4.53
SB-04-0.6	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	0.505	1.05	< 0.500	0.544	< 0.500	0.700	< 0.500	0.622	< 0.500	0.583	0.894	2.67
SB-04-2	0.945	0.381	1.09	0.414	0.290	0.141	0.232	< 0.100	0.630	< 0.100	0.688	2.18	0.124	4.66	6.01	3.66	1.70
SB-04-5	0.164	< 0.100	0.287	1.32	1.46	1.78	0.934	0.704	1.59	0.246	2.60	0.106	0.991	< 0.100	1.21	2.73	8.09
SB-04-10	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0151	0.0276	0.0178	0.04
SB-05-0.6	< 0.0500	< 0.0500	< 0.0500	0.0933	0.154	0.223	0.235	0.0933	0.219	< 0.0500	0.434	< 0.0500	0.154	< 0.0500	0.426	0.381	0.96
SB-05B (2 ft)	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.117	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.15
SB-05C (5 ft)	< 0.0200	< 0.0200	< 0.0200	0.0342	0.0505	0.0749	0.0456	0.0260	0.0651	< 0.0200	0.122	< 0.0200	0.0472	< 0.0200	0.0960	0.0960	0.31
SB-05D (10 ft)	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0107	0.0152	< 0.0100	< 0.0100	0.0143	< 0.0100	0.0303	< 0.0100	0.0107	< 0.0100	0.0312	0.0232	0.07
Former Barrel Shed-PCP/Diesel Subsurface Piping Area																	
SB-26-2	na	na	na	< 0.0200	< 0.0200	< 0.0200	na	< 0.0200	< 0.0200	< 0.0200	na	na	< 0.0200	na	na	na	0.07
SB-26-4	na	na	na	< 0.0100	< 0.0100	< 0.0100	na	< 0.0100	< 0.0100	< 0.0100	na	na	< 0.0100	na	na	na	0.04
SB-26-9	na	na	na	< 0.0100	< 0.0100	< 0.0100	na	< 0.0100	< 0.0100	< 0.0100	na	na	< 0.0100	na	na	na	0.04
SB-27-2	na	na	na	< 0.0500	< 0.0500	< 0.0500	na	< 0.0500	< 0.0500	< 0.0500	na	na	< 0.0500	na	na	na	0.18
SB-27-5	na	na	na	< 0.100	< 0.100	< 0.100	na	< 0.100	< 0.100	< 0.100	na	na	< 0.100	na	na	na	0.35
SB-27-10	na	na	na	< 0.200	< 0.200	< 0.200	na	< 0.200	< 0.200	< 0.200	na	na	< 0.200	na	na	na	0.70

Table 4-2. Analytical Results for PAHs in Soil at 2737 West Commodore Way (mg/kg)

Sample	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHs
SB-29-2	na	na	na	< 0.500	< 0.500	< 0.500	na	< 0.500	< 0.500	< 0.500	na	na	< 0.500	na	na	na	<i>1.75</i>
SB-29-5	na	na	na	< 0.200	< 0.200	< 0.200	na	< 0.200	< 0.200	< 0.200	na	na	< 0.200	na	na	na	<i>0.70</i>
SB-29-10	na	na	na	< 0.0100	0.0430	< 0.0100	na	< 0.0100	< 0.0100	< 0.0100	na	na	< 0.0100	na	na	na	<i>0.07</i>
SB-30-2	na	na	na	< 0.0500	< 0.0500	< 0.0500	na	< 0.0500	< 0.0500	< 0.0500	na	na	< 0.0500	na	na	na	<i>0.18</i>
SB-30-5	na	na	na	< 0.0100	< 0.0100	< 0.0100	na	< 0.0100	< 0.0100	< 0.0100	na	na	< 0.0100	na	na	na	<i>0.04</i>
SB-30-10	na	na	na	< 0.0100	< 0.0100	< 0.0100	na	< 0.0100	< 0.0100	< 0.0100	na	na	< 0.0100	na	na	na	<i>0.04</i>

Notes: Total cPAHs include sum of detections. Half of reporting limit used for nondetects.

cPAHs feature a shaded header.

Total cPAHs that exceed MTCA Method A cleanup level of 1 mg/kg are shown in bold and italics.

Table 4-3. Analytical Results for Groundwater Samples

Sample	PCP (µg/L)	Lead (mg/L)	Gasoline (µg/L)	Diesel (mg/L)	Oil (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
MTCA ^{1/}	1.0 ^{2/}	5.0	800	0.500	0.500	5.0	1,000	700	1,000
Former PCP/Diesel Piping Area									
SB-01-W	< 0.500	0.00100	776	10.9	< 5.50	< 0.811	< 1.56	5.86	28.2
SB-02-W	1.64	na	134	3.60	< 2.50	< 0.500	< 0.500	< 0.500	< 1.00
Former Barrel Shed-PCP/Diesel Subsurface Mixing Area									
01MW-06	1.80	< 0.00100	87.4	< 0.250	< 0.500	< 0.500	< 0.500	< 0.500	< 1.00

Notes: ^{1/}Results above the proposed MTCA Method A cleanup level are shown in bold and italics.

^{2/}Results above Federal MCLs are shown in bold and italics.

^{3/}Proposed MTCA cleanup level for groundwater with benzene present.

na - No analysis requested.

< symbol indicates result is less than method reporting limit.

Table 4-4. cPAH Groundwater Concentrations

cPAH	Sample	
	SB-01-W	SB-02-W
Acenaphthene	0.772	0.597
Acenaphthylene	< 0.100	< 0.100
Anthracene	0.167	< 0.100
Benzo[a]anthracene	< 0.100	< 0.100
Benzo[a]pyrene	< 0.100	< 0.100
Benzo[b]fluoranthene	< 0.100	< 0.100
Benzo[g,h,i]perylene	< 0.100	< 0.100
Benzo[k]fluoranthene	< 0.100	< 0.100
Chrysene	< 0.100	< 0.100
Dibenz[a,h]anthracene	< 0.100	< 0.100
Fluoranthene	0.104	< 0.100
Fluorene	1.96	1.58
Indeno(1,2,3-cd)pyrene	< 0.100	< 0.100
Naphthalene	6.42	0.231
Phenanthrene	1.65	0.943
Pyrene	0.355	0.154
Total cPAHs	0.350	0.350

Notes: Total cPAHs include sum of detections. Half of reporting limit used for nondetects.

cPAHs feature a shaded header.

Total cPAHs that exceed MTCA Method A cleanup level of 1 mg/kg are shown in bold and italics.

Table 5-1. Summary of Concentrations of Petroleum-Impacted Soil above Cleanup Levels (mg/kg)

Sample	Gasoline	Benzene	Ethylbenzene	Xylenes	PCP	Diesel	Oil	cPAHs
MTCA ^{1/}	100	0.03	6	9	8.33^{2/}	2,000	2,000	1
Former PCP/Diesel Mixing Area								
SS-01	na	na	na	na	3.87	na	na	1.75
SS-03	na	na	na	na	< 2.50	na	na	1.75
SS-04	na	na	na	na	< 0.500	na	na	9.26
SB-02-2	217	< 0.200	< 0.200	< 0.400	< 0.250	1,400	158	0.23
SB-03-0.6	< 5.00	< 0.0500	< 0.0500	< 0.100	202	2,010	4,780	1.08
SB03B (2 ft)	1,670	< 1.00	< 7.00	< 16.2	< 0.500	14,700	6,350	4.53
SB-04-0.6	na	na	na	na	803	na	na	2.67
SB-04-2	513	< 0.250	< 0.470	< 0.875	1.26	5,670	2,320	1.70
SB-04-5	8.42	< 0.0500	< 0.0500	< 0.100	20.9	217	260	8.09
Lower Tank Yard Area								
SB-19-2	1,500	< 1.00	< 1.70	< 8.00	na	4,070	< 275	na
SB-19-5	960	< 0.500	< 0.500	< 6.00	na	1,340	< 75.0	na
SB-24-2	58.4	< 0.0500	< 0.0643	< 0.164	na	2,610	< 1,030	na
SB-24-10	252	< 0.236	< 0.910	< 1.34	na	366	60.9	na
Former Barrel Shed Area-PCP/Diesel Subsurface Piping Area								
SB-27-5	121	< 0.100	< 0.100	< 0.314	na	1,190	< 525	0.35
SB-29-2	536	< 0.500	< 0.500	< 1.83	na	3,220	1,160	1.75
SB-29-5	393	< 0.200	< 0.560	< 1.12	na	1,930	488	0.7
SB-30-2	5,120	< 1.00	< 9.12	< 33.0	na	832	< 275	0.18
SB-31-2	577	< 0.512	< 0.824	< 2.52	na	11,400	7,730	na
New Barrel Shed Area								
SB-07-5	1,240	2.17	7.6	18.2	< 0.250	1,190	783	na

Notes: ^{1/}Results above proposed MTCA Method A cleanup levels for unrestricted land use are shown in bold and italics.

^{2/}Results above MTCA Method B carcinogenic cleanup level are shown in bold and italics.

< symbol indicates result is less than method reporting limit.

na - No analysis requested.

Table 5-2. Summary of Groundwater Concentrations above Cleanup Levels

Sample	Date	PCP (µg/L)	Lead (µg/L)	Gasoline (µg/L)	Diesel (mg/L)	Oil (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
MTCA ^{1/}		1.0^{2/}	5.0	800^{3/}	0.500	0.500	5.0	1,000	700	1,000
Former PCP/Diesel Piping Area										
SB-01-W		< 0.500	0.0010	776	10.9	< 5.50	< 0.811	< 1.56	5.86	28.2
SB-02-W		1.64	na	134	3.60	< 2.50	< 0.500	< 0.500	< 0.500	< 1.00
Former Barrel Shed-PCP/Diesel Subsurface Mixing Area										
O1MW-06		1.80	< 0.0010	87.4	< 0.250	< 0.500	< 0.500	< 0.500	< 0.500	< 1.00

Notes: ^{1/}Results above the proposed MTCA Method A cleanup level are shown in bold and italics.

^{2/}Results above Federal MCLs are shown in bold and italics.

^{3/}Proposed MTCA cleanup level for groundwater with benzene present.

na - No analysis requested.

< symbol indicates result is less than method reporting limit.

APPENDIX A

SOIL BORING LOGS

SB-01 through SB-08

SB-26 through SB-31

SB-75

SB-50

FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-01

LOCATION: 2737 West Commodore Way

AREA: Former Penta-Diesel Mixing Area

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: Hand Auger

DRILLING CONTRACTOR: Foster Wheeler

DATE/TIME STARTED: 11/14/00 1030

DATE/TIME COMPLETED: 11/14/00 1215

TOTAL DEPTH: 14 feet

WATER DEPTH: ~ 10 ft

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel In Soil PPM		PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
					50	150						
				SB-01-0.6			na			SM		Silty Sand 0 ft. Dense, dry, brown/grey, silty fine grained SAND
2	44			SB-01-2			na	Dry				Silty Sand 2 ft. Dense, wet, tan to brown, silty fine grained SAND, strong petroleum odor
4	42			SB-01-5			na	Dry		SM	NA	Silty Sand 5 ft. Dense, wet, grey, silty fine grained SAND, petroleum odor
6	40											
8	38											
10	36			SB-01-10			na			SW		Sand 10 ft. Dense, wet, grey, fine grained SAND with some silt, petroleum odor
12	34							Wet				
14	32			SB-02-14			na			SW		Silty Sand 14 ft. Dense, wet, grey, fine grained SAND with some silt, petroleum odor
16	30											
18	28											
20	26											

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-02

LOCATION: 2737 West Commodore Way

AREA: Former Penta-Diesel Mixing Area

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: Hand Auger

DRILLING CONTRACTOR: Foster Wheeler

DATE/TIME STARTED: 11/14/00 1310

DATE/TIME COMPLETED: 11/14/00 1500

TOTAL DEPTH: 14 feet

WATER DEPTH: - 7 ft

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel In Soil		PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
					PPM 1000	2000						
2	44	X		SB-02-0.6			na			SM		Silty Sand 0 ft. Dense, dry, brown/grey, silty fine grained SAND, no odor
2	44	X		SB-02-2			na	Dry		SM		Silty Sand 2 ft. Dense, dry, grey, fine to medium SAND, trace silt, petroleum odor
4	42											Silt 5 ft. Dense, dry, tan/brown, SILT with some clay, no odor
6	40	X		SB-02-5			na	Dry		ML	NA	
10	36	X		SB-02-10			na					Silt 10 ft. Dense, dry, grey, SILT with some clay, no odor
12	34							Wet		SM/SW		Silty Sand 14 ft. Dense, wet, grey, silty fine grained SAND, no odor
14	32	X		SB-02-14			na					

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

DRILLING METHOD: Hand Auger

BORING NUMBER: SB-03

DRILLING CONTRACTOR: Foster Wheeler

LOCATION: 2737 West Commodore Way

DATE/TIME STARTED: 12/01/00 1315

AREA: Former Penta-Diesel Mixing Area

DATE/TIME COMPLETED: 11/01/00 1400

CLIENT: Time Oil Company

TOTAL DEPTH: 4 feet

SITE MANAGER: Scott Sloan

WATER DEPTH: 4 feet

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil PPM 5000	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
2	44	X		SB-03-0.6		na			SM		Silty Sand 0 ft. Dense, dry, black/grey, silty fine grained SAND, petroleum odor
		X		SB-03-2		na	Dry		SW		Sand 2 ft. Dense, moist, grey, fine grained SAND with minor silt, strong petroleum odor
4	42						Wet				
6	40									NA	
8	38										
10	36										
12	34										
14	32										
16	30										
18	28										
20	26										

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

DRILLING METHOD: Hand Auger

BORING NUMBER: SB-04

DRILLING CONTRACTOR: Foster Wheeler

LOCATION: 2737 West Commodore Way

DATE/TIME STARTED: 11/14/00 1500

AREA: Former Penta-Diesel Mixing Area

DATE/TIME COMPLETED: 11/14/00 1600

CLIENT: Time Oil Company

TOTAL DEPTH: 10 feet

SITE MANAGER: Scott Sloan

WATER DEPTH: ~ 7 ft

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel In Soil		PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
					2500	7500						
				SB-04-0.6			na					Silty Sand 0 ft. Dense, dry, brown/grey, silty fine grained SAND, no odor
2	44			SB-04-2			na	Dry				Silty Sand 2 ft. Dense, dry, grey, silty fine grained SAND, less silt and more sand, petroleum odor since 1.5 ft
4	42			SB-04-5			na	Dry				Silt 5 ft. Dense, dry, tan/grey, SILT with some clay, no odor
6	40										NA	Silty Sand 10 ft. Dense, wet, grey, silty fine grained SAND, no odor
8	38											
10	36			SB-04-10			na	Wet				
12	34											
14	32											
16	30											
18	28											
20	26											

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

DRILLING METHOD: Hand Auger

BORING NUMBER: SB-05

DRILLING CONTRACTOR: Foster Wheeler

LOCATION: 2737 West Commodore Way

DATE/TIME STARTED: 12/01/00 1115

AREA: Former Penta-Diesel Mixing Area

DATE/TIME COMPLETED: 12/01/00 1300

CLIENT: Time Oil Company

TOTAL DEPTH: 25 feet

SITE MANAGER: Scott Sloan

WATER DEPTH: ~ 7 ft

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil			PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
					PPM	20	30						
		X		SB-05-0.6				na					Silty Sand 0 ft. Dense, dry, brown/grey, silty fine SAND, no odor
2	44	X		SB-05-2				na	Dry				
4	42												
6	40	X		SB-05-5				na	Dry			NA	Silty Sand 5 ft. Same as above, dense, dry, brown/grey, silty fine grained SAND, no odor
8	38												Sand 10 ft. Dense, wet, grey, fine grained SAND with minor silt, no odor, Hanby test kit shows no detectable levels of petroleum in soil
10	36	X		SB-05-10				na	Wet				
12	34												
14	32												
16	30												
18	28												
20	26												

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-06

LOCATION: 2737 West Commodore Way

AREA: Former Rail Line Spurs

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/15/00 0845

DATE/TIME COMPLETED: 11/15/00 0930

TOTAL DEPTH: 25 feet

WATER DEPTH: na

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel In Soil		PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
					PPM 300	500						
58										SW		Sand 0 ft. Medium to dense, dry, brown, SAND with minor gravel, organics, trace of clay, no odor
56								Dry		SM		2 ft. Gravel percentage increases, TPH odor
54			50:6"	SB-06-5			0	Dry		SM		Silty Sand 5 ft. Dense, dry, brown, silty fine grained SAND, minor gravel, till ??, stringers of oil in sample
52											NA	
50			90:6"	SB-06-10			0	Dry		SW		Sand 10 ft. Dense, dry, grey, fine grained SAND, trace silt Sand color changes to brown
48												Clay 13 ft. Dense, dry, grey, CLAY
46										CL		
44			50:6"	SB-06-15			0	Dry				
42												
40			50:6"	SB-06-20			0	Dry		SM		Silty Sand 20 ft. Dense, dry, grey, silty fine grained SAND, no odor
38										SW		Sand 21 ft. Dense, dry, black/white/grey, medium to fine SAND, no odor
36												
34			50:6"	SB-06-25			0	Dry				SAND Same as above
32												
30												

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-07

LOCATION: 2737 West Commodore Way

AREA: Former Rail Line Spurs

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/15/00 1014

DATE/TIME COMPLETED: 11/15/00 1055

TOTAL DEPTH: 25 feet

WATER DEPTH: na

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel In Soil PPM 250 750	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
2	58						Dry		SP		Gravel and Sand 0 ft. Dense, dry, brown, GRAVEL and sand, minor silt
4	56						Dry		SW		Sand 5.5 ft. Medium to dense, dry, grey, medium to fine SAND, well sorted, petroleum odor, Hanby Kit positive 500 ppm oil
6	54	X	25 50:5"	SB-07-5		0				NA	
8	52										
10	50	X	21 50:6"	SB-07-10		0	Dry		CL		Clay 10 ft. Dense, dry, grey; CLAY, dense, impermeable, no odor
12	48										
14	46										
16	44	X	20 50:6"	SB-07-15		0	Dry		ML		Silt 15 ft. Dense, dry, grey, SILT with fine sand & clay, impermeable, no odor
18	42										
20	40	X	50:6"	SB-07-20		0	Dry		SM		Silty Sand 20 ft. Dense, dry, grey, silty fine grained SAND, dense, no odor
22	38										
24	36										
26	34	X	50:6"	SB-07-25		0	Dry		SM		Silty Sand 25 ft. Grey, dry, fine SAND & SILT, dense, no odor
28	32										
30	30										

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-08

LOCATION: 2737 West Commodore Way

AREA: Former Rail Line Spurs

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-Inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/15/00 1125

DATE/TIME COMPLETED: 11/15/00 1215

TOTAL DEPTH: 25 feet

WATER DEPTH: na

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil		PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
					PPM 300	500						
2	58							Dry		GP		Gravel and Sand 0 ft. Dense, dry, brown, GRAVEL and sand, no odor
4	56							Dry		SM		Sand 2 ft. Dense, dry, grey, sandy SILT, no odor
6	54	20	50:6"	SB-08-5			0	Dry		ML		Silt 5 ft. Dense, dry, grey, SILT with minor fine sand, slight petroleum odor
8	52									SW		Sand 6 ft. Dense, dry, grey, medium to fine SAND, no odor
10	50	21		SB-08-10			0	Dry		GM	NA	Gravel 10 ft. Dense, dry, brown, GRAVEL
12	48									ML		Silt 11 ft. Dense, dry, grey, SILT with minor fine SAND, tan layers, no odor
14	46											
16	44	60:6"		SB-08-15			0	Dry				Silt 15 ft. Same as above
18	42											
20	40	65:6"		SB-08-20			0	Dry		SM		Silty Sand 20 ft. Dense, dry, grey, silty fine grained SAND, no odor
22	38											
24	36											
26	34	50:6"		SB-08-25			0	Dry		SW		Sand 25 ft. Dense, dry, grey, fine SAND with minor silt, no odor
28	32											
30	30											

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-26

LOCATION: 2737 West Commodore Way

AREA: Former Barrel Shed

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/21/00 0815

DATE/TIME COMPLETED: 11/21/00 0902

TOTAL DEPTH: 19 feet

WATER DEPTH: Perched at 9 ft, Aquifer at 19 ft

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil PPM 50 150	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
48											Ashpalt
2	46	X	50:6"	SB-26-2		90	Dry		GP SW		Gravel 0.25 ft - 1.5 ft. Dense, dry, brown, sand and GRAVEL
4	44	X	50:6"	SB-26-5		35	Dry		SM		Sand 2 ft. Dense, damp, grey, medium to fine SAND, strong petroleum odor
6	42									NA	Silty Sand 5 ft. Dense, dry, grey, fine SAND with silt, verticle seams of white sand, no odor
8	40										
10	38	X	50:6"	SB-26-10		0	Wet		SW		Sand 10 ft. Dense, wet, brown, medium to fine SAND, minor silt, no odor, perched water
12	36										
14	34	X	50:6"	SB-26-15		0	Dry		SW		Sand 15 ft. Dense, dry, brown, medium to fine SAND, no odor
16	32										
18	30										
20	28	X	50:5"	SB-26-20		0	Wet		SW		Sand 20 ft. Dense, wet, grey, fine to medium SAND, slight odor
22	26										
24	24										

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment
BORING NUMBER: SB-27
LOCATION: 2737 West Commodore Way
AREA: Former Barrel Shed
CLIENT: Time Oil Company
SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-Inch HSA
DRILLING CONTRACTOR: Cascade
DATE/TIME STARTED: 11/21/00 0945
DATE/TIME COMPLETED: 11/21/00 1035
TOTAL DEPTH: 20 feet
WATER DEPTH: 15 feet

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil PPM 250 750	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
48									GP		Ashpalt
2	46	X	25 50:6"	SB-27-2		na	Dry		GP		Gravel 0.25 - 0.75 ft Dense, dry, GRAVEL
4	44	X	50:6"	SB-27-5		na	Moist		SW		Ashpalt 20 ft. Dense, wet, grey, fine to medium SAND, slight odor Sand and Gravel 1 ft. Dense, dry, brown, fine to medium SAND and GRAVEL Sand 2 ft. Dense, dry, grey to brown, fine grained SAND, trace of silt and gravel, wood fragments, slight odor
6	42								SM		Sandy Silt 5.5 ft. Dense, damp, grey, SILT with fine grained sand, strong petroleum odor
8	40								NA		
10	38	X	50:6"	SB-27-10		na	Dry		SW		Sand 10 ft. Dense, dry, grey, fine to medium SAND, strong petroleum odor
12	36								ML		Silt 10.25 ft. Dense, dry, grey, SILT and fine sand, no odor
14	34	X	50:6"	SB-27-15		na	Dry		SM		Silt 15 ft. Dense, dry, grey, SILT and fine sand, no odor
16	32								SM		Silty Sand 15.5 ft. Dense, dry, grey, fine grained SAND and silt
18	30										
20	28	X	50:6"	SB-27-20		a	Wet		SW		Sand 20 ft. Dense, wet, black/white/grey, fine to medium grained SAND, minor silt, no odor
22	26										
24	24										

FOSTER WHEELER ENVIRONMENTAL
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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-28

LOCATION: 2737 West Commodore Way

AREA: Former Barrel Shed

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/21/00 1100

DATE/TIME COMPLETED: 11/21/00 1145

TOTAL DEPTH: 20 feet

WATER DEPTH: 19 feet

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel In Soil PPM 20 30 40	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
											Ashpalt
2	50	X	25	SB-28-2		na	Dry		GP		Gravel 0.25 ft - 1.5 ft. Dense, dry, brown, sand and GRAVEL, resembles railroad bed, possible railroad tie on edge of boring
	48	X	37						SM		Silty Sand 2 ft. Dense, damp, grey, fine SAND and SILT, oil spot on recovered sample
4	46	X	50:6"	SB-28-5		na	Dry		SM		Silty Sand 5 ft. Dense, damp, grey, fine SAND with SILT, minor gravel, no odor
6	44									NA	
10	42	X	50:6"	SB-28-10		na	Dry		SP		Sand 10 ft. Dense, damp, reddish-brown, medium to fine SAND, oxidized layers, no odor
12	40										
14	38										
16	36	X	50:6"	SB-28-15		na	Dry		SP		Sand 15 ft. Dense, damp, brown, medium to fine SAND, no odor
18	34										
20	32	X	50:6"	SB-28-20		na	Wet		SP		Sand 20 ft. Dense, wet, black/white/grey, fine to medium SAND, no odor
22	30										
24	28										
26	26										

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-30

LOCATION: 2737 West Commodore Way

AREA: Former Barrel Shed

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-Inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/21/00 1450

DATE/TIME COMPLETED: 11/21/00 1525

TOTAL DEPTH: 25 feet

WATER DEPTH: ~25 feet

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil PPM 250 750	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
48											Ashpalt
2	46	X	15 25	SB-30-2		na	Dry		GP		Gravel 0.25 ft - 1.5 ft. Dense, dry, brown, sand and GRAVEL,
4	44	X	25 30	SB-30-5		na	Dry		SM		Silty Sand 2 ft. Dense, dry, grey, fine SAND and SILT, strong petroleum odor, organics
6											Sand 5 ft. Dense, dry, grey, medium to fine grained SAND, trace SILT, strong petroleum odor
10	38	X	50.6"	SB-30-10		na	Dry		SW	NA	Sand 10 ft. Dense, dry, brown, medium to fine SAND, no odor
16	34	X	50.6"	SB-30-15		na	Dry		SW		Sand 15 ft. Dense, damp, brown, medium to fine SAND, no odor
20	28	X	60.6"	SB-30-20		na	Dry		SW		Sand 20 ft. Dense, wet, grey, medium to fine SAND, no odor
24	24	X	50.6"	SB-30-25		na	Wet		SW		Sand 25 ft. Dense, wet, black/white/grey, fine to medium SAND, grain size increases, no odor

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FOSTER WHEELER ENVIRONMENTAL CORP.

PROJECT NAME: Phase II Site Assessment

BORING NUMBER: SB-31

LOCATION: 2737 West Commodore Way

AREA: Former Barrel Shed

CLIENT: Time Oil Company

SITE MANAGER: Scott Sloan

DRILLING METHOD: 4-Inch HSA

DRILLING CONTRACTOR: Cascade

DATE/TIME STARTED: 11/22/00 0800

DATE/TIME COMPLETED: 11/22/00 0850

TOTAL DEPTH: 25 feet

WATER DEPTH: -25 feet

DEPTH	ELEVATION	SAMPLES feet	BLOW COUNTS	SAMPLE NUMBER	Diesel in Soil PPM 2500 7500	PID	MOISTURE	GRAPHIC LOG	USCS SYMBOL	WELL DETAILS	DESCRIPTION AND REMARKS
46											Concrete
2	44	X	14	SB-31-2		na	Dry		GP		Gravel 0.5 ft - 2 ft. Medium dense, dry, grey, pea-sized GRAVEL
4	42	X	26	SB-31-5		na	Dry		GM		Sand with Gravel and Silt 2 ft. Medium dense, dry, black/brown, SAND with some silt and gravel, strong petroleum odor, organics
6	40	X	50:6"	SB-31-10		na	Dry		SW		Sand 5 ft. Dense, dry, grey, medium to fine grained SAND, trace SILT, strong petroleum odor
8	38								ML	NA	Silt 7 ft. Dense, dry, grey, SILT with some fine sand, no odor
10	36	X	19	SB-31-10		na	Dry		SP		Sand 10 ft. Dense, dry, brown, medium to fine SAND, poorly sorted, no odor
12	34										
14	32	X	50:6"	SB-31-15		na	Dry		SW		Sand 15 ft. Dense, damp, brown, medium to fine SAND, no odor
16	30										
18	28										
20	26	X	50:6"	SB-31-20		na	Dry		SW		Sand 20 ft. Dense, wet, grey, medium to fine SAND, no odor
22	24										
24	22	X	50:6"	SB-31-25		na	Wet		SW		Sand 25 ft. Dense, wet, black/white/grey, fine to medium SAND, grain size increases, no odor
26	20										
28	18										
30											

FOSTER WHEELER ENVIRONMENTAL
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Street, Suite 200 Bothell, WA
98011 (425) 482-7600 (425) 482-7652

APPENDIX B
LABORATORY DATA PACKAGE

B0K0412
B0L0047
B0K0448
B0L0091
B0K0613
B0K0574
B0L0028
B0K0456



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-01-W	B0K0412-01	Water	11/14/00 16:50	11/14/00 19:00
SB-01-0.6	B0K0412-02	Soil	11/14/00 10:05	11/14/00 19:00
SB-01-2	B0K0412-03	Soil	11/14/00 10:45	11/14/00 19:00
SB-01-5	B0K0412-04	Soil	11/14/00 11:05	11/14/00 19:00
SB-01-10	B0K0412-05	Soil	11/14/00 11:40	11/14/00 19:00
SB-01-14	B0K0412-06	Soil	11/14/00 12:05	11/14/00 19:00
SB-02-0.6	B0K0412-07	Soil	11/14/00 10:13	11/14/00 19:00
SB-02-2	B0K0412-08	Soil	11/14/00 13:30	11/14/00 19:00
SB-02-5	B0K0412-09	Soil	11/14/00 13:45	11/14/00 19:00
SB-02-10	B0K0412-10	Soil	11/14/00 14:11	11/14/00 19:00
SB-02-14	B0K0412-11	Soil	11/14/00 14:31	11/14/00 19:00
SB-03-0.6	B0K0412-12	Soil	11/14/00 10:16	11/14/00 19:00
-04-0.6	B0K0412-13	Soil	11/14/00 10:25	11/14/00 19:00
SB-05-0.6	B0K0412-14	Soil	11/14/00 10:31	11/14/00 19:00
SB-04-2	B0K0412-15	Soil	11/14/00 15:08	11/14/00 19:00
SB-04-5	B0K0412-16	Soil	11/14/00 15:26	11/14/00 19:00
SB-04-10	B0K0412-17	Soil	11/14/00 15:26	11/14/00 19:00

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Amad Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-W (B0K0412-01) Water Sampled: 11/14/00 16:50 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	776	50.0	ug/l	1	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	ND	0.811	"	"	"	"	"	"	R-03
Toluene	ND	1.56	"	"	"	"	"	"	R-03
Ethylbenzene	5.86	0.500	"	"	"	"	"	"	
Xylenes (total)	28.2	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	123 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	115 %	50-150			"	"	"	"	
SB-01-2 (B0K0412-03) Soil Sampled: 11/14/00 10:45 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	79.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	83.6 %	50-150			"	"	"	"	
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	71.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	72.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Anna Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-10 (B0K0412-05) Soil Sampled: 11/14/00 11:40 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	18.6	5.00	mg/kg dry	1	0K19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	89.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.5 %	50-150			"	"	"	"	
SB-01-14 (B0K0412-06) Soil Sampled: 11/14/00 12:05 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	70.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	73.5 %	50-150			"	"	"	"	
SB-02-2 (B0K0412-08) Soil Sampled: 11/14/00 13:30 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	217	20.0	mg/kg dry	4	0K19007	11/19/00	11/20/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.200	"	"	"	"	"	"	
Toluene	ND	0.200	"	"	"	"	"	"	
Ethylbenzene	ND	0.200	"	"	"	"	"	"	
Xylenes (total)	ND	0.400	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	187 %	50-150			"	"	"	"	S-02
Surrogate: 4-BFB (PID)	117 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	77.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	80.0 %	50-150			"	"	"	"	
SB-02-10 (B0K0412-10) Soil Sampled: 11/14/00 14:11 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	79.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	83.5 %	50-150			"	"	"	"	
SB-02-14 (B0K0412-11) Soil Sampled: 11/14/00 14:31 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	77.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	82.3 %	50-150			"	"	"	"	



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a Reported:
 Bothell WA, 98011 Project Manager: Bryan Graham 12/01/00 14:29

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-04-2 (B0K0412-15) Soil Sampled: 11/14/00 15:08 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	513	25.0	mg/kg dry	5	0K19007	11/19/00	11/21/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.250	"	"	"	"	"	"	
Toluene	ND	0.250	"	"	"	"	"	"	
Ethylbenzene	ND	0.470	"	"	"	"	"	"	R-03
Xylenes (total)	ND	0.875	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	419 %	50-150			"	"	"	"	S-02
Surrogate: 4-BFB (PID)	189 %	50-150			"	"	"	"	S-02

SB-04-5 (B0K0412-16) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	8.42	5.00	mg/kg dry	1	0K19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	88.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	89.8 %	50-150			"	"	"	"	

SB-04-10 (B0K0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K19007	11/19/00	11/20/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	75.3 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	75.7 %	50-150			"	"	"	"	

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-W (B0K0412-01) Water Sampled: 11/14/00 16:50 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	10.9	2.75	mg/l	11	OK16015	11/16/00	11/18/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	5.50	"	"	"	"	"	"	
Surrogate: 2-FBP	67.8 %	50-150			"	"	"	"	
SB-01-2 (B0K0412-03) Soil Sampled: 11/14/00 10:45 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	114	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	116	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	77.7 %	50-150			"	"	"	"	
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	40.9	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	55.9	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	77.8 %	50-150			"	"	"	"	
SB-01-10 (B0K0412-05) Soil Sampled: 11/14/00 11:40 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	47.2	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	26.2	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	127 %	50-150			"	"	"	"	
SB-01-14 (B0K0412-06) Soil Sampled: 11/14/00 12:05 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	81.1 %	50-150			"	"	"	"	
SB-02-2 (B0K0412-08) Soil Sampled: 11/14/00 13:30 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	1400	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	158	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-0
Surrogate: Octacosane	93.8 %	50-150			"	"	"	"	



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	15.3	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	73.7 %	50-150			"	"	"	"	
SB-02-10 (B0K0412-10) Soil Sampled: 11/14/00 14:11 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	14.0	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	86.3 %	50-150			"	"	"	"	
SB-02-14 (B0K0412-11) Soil Sampled: 11/14/00 14:31 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	74.3 %	50-150			"	"	"	"	
04-2 (B0K0412-15) Soil Sampled: 11/14/00 15:08 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	5670	110	mg/kg dry	11	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	2320	275	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-05
Surrogate: Octacosane	74.6 %	50-150			"	"	"	"	
SB-04-5 (B0K0412-16) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	217	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	260	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	71.0 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-04-10 (B0K0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Diesel Range Hydrocarbons	19.3	10.0	mg/kg dry	1	OK18006	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	74.8 %	50-150							

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-W (B0K0412-01) Water Sampled: 11/14/00 16:50 Received: 11/14/00 19:00									
Lead	ND	0.00100	mg/l	1	0K20052	11/20/00	11/25/00	EPA 6020	
SB-01-2 (B0K0412-03) Soil Sampled: 11/14/00 10:45 Received: 11/14/00 19:00									
Lead	9.14	0.305	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Lead	3.86	0.329	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-01-10 (B0K0412-05) Soil Sampled: 11/14/00 11:40 Received: 11/14/00 19:00									
Lead	2.62	0.318	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-01-14 (B0K0412-06) Soil Sampled: 11/14/00 12:05 Received: 11/14/00 19:00									
Lead	2.54	0.309	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-02-2 (B0K0412-08) Soil Sampled: 11/14/00 13:30 Received: 11/14/00 19:00									
Lead	3.34	0.284	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Lead	6.26	0.279	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-02-10 (B0K0412-10) Soil Sampled: 11/14/00 14:11 Received: 11/14/00 19:00									
Lead	6.07	0.329	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	
SB-02-14 (B0K0412-11) Soil Sampled: 11/14/00 14:31 Received: 11/14/00 19:00									
Lead	4.60	0.314	mg/kg dry	1	0K21029	11/21/00	11/23/00	EPA 6020	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-04-2 (B0K0412-15) Soil Sampled: 11/14/00 15:08 Received: 11/14/00 19:00									
Lead	4.55	0.305	mg/kg dry	1	OK21029	11/21/00	11/23/00	EPA 6020	
SB-04-5 (B0K0412-16) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Lead	5.13	0.331	mg/kg dry	1	OK21029	11/21/00	11/23/00	EPA 6020	
SB-04-10 (B0K0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Lead	3.07	0.281	mg/kg dry	1	OK21029	11/21/00	11/23/00	EPA 6020	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Pentachlorophenol by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-W (B0K0412-01) Water Sampled: 11/14/00 16:50 Received: 11/14/00 19:00									
Pentachlorophenol	ND	0.500	ug/l	1	0K17018	11/17/00	11/19/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	97.1 %	30-150			"	"	"	"	
SB-01-0.6 (B0K0412-02) Soil Sampled: 11/14/00 10:05 Received: 11/14/00 19:00									
Pentachlorophenol	0.930	0.500	mg/kg dry	10	0K21020	11/21/00	11/22/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	60.6 %	30-150			"	"	"	"	
SB-01-2 (B0K0412-03) Soil Sampled: 11/14/00 10:45 Received: 11/14/00 19:00									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K21020	11/21/00	11/22/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	66.9 %	30-150			"	"	"	"	
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Pentachlorophenol	0.0871	0.0500	mg/kg dry	1	0K21020	11/21/00	11/22/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	75.5 %	30-150			"	"	"	"	
SB-01-10 (B0K0412-05) Soil Sampled: 11/14/00 11:40 Received: 11/14/00 19:00									
Pentachlorophenol	0.0812	0.0500	mg/kg dry	1	0K21020	11/21/00	11/22/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	64.1 %	30-150			"	"	"	"	
SB-01-14 (B0K0412-06) Soil Sampled: 11/14/00 12:05 Received: 11/14/00 19:00									
Pentachlorophenol	0.0578	0.0500	mg/kg dry	1	0K21022	11/21/00	11/28/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	90.8 %	30-150			"	"	"	"	
SB-02-0.6 (B0K0412-07) Soil Sampled: 11/14/00 10:13 Received: 11/14/00 19:00									
Pentachlorophenol	1.15	1.00	mg/kg dry	20	0K21022	11/21/00	11/28/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	79.9 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Pentachlorophenol by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-2 (B0K0412-08) Soil Sampled: 11/14/00 13:30 Received: 11/14/00 19:00									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K21022	11/21/00	11/28/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	83.2 %	30-150			"	"	"	"	
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Pentachlorophenol	0.0615	0.0500	mg/kg dry	1	0K21022	11/21/00	11/28/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	68.3 %	30-150			"	"	"	"	
SB-02-10 (B0K0412-10) Soil Sampled: 11/14/00 14:11 Received: 11/14/00 19:00									
Pentachlorophenol	0.0613	0.0500	mg/kg dry	1	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	108 %	30-150			"	"	"	"	
SB-02-14 (B0K0412-11) Soil Sampled: 11/14/00 14:31 Received: 11/14/00 19:00									
Pentachlorophenol	0.0585	0.0500	mg/kg dry	1	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	75.2 %	30-150			"	"	"	"	
SB-03-0.6 (B0K0412-12) Soil Sampled: 11/14/00 10:16 Received: 11/14/00 19:00									
Pentachlorophenol	202	12.5	mg/kg dry	100	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	69.9 %	30-150			"	"	"	"	
SB-04-0.6 (B0K0412-13) Soil Sampled: 11/14/00 10:25 Received: 11/14/00 19:00									
Pentachlorophenol	803	125	mg/kg dry	1000	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	100 %	30-150			"	"	"	"	
SB-05-0.6 (B0K0412-14) Soil Sampled: 11/14/00 10:31 Received: 11/14/00 19:00									
Pentachlorophenol	2.18	0.250	mg/kg dry	5	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	94.1 %	30-150			"	"	"	"	

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Pentachlorophenol by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-04-2 (B0K0412-15) Soil Sampled: 11/14/00 15:08 Received: 11/14/00 19:00									
Pentachlorophenol	1.26	0.250	mg/kg dry	5	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	108 %	30-150			"	"	"	"	
SB-04-5 (B0K0412-16) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Pentachlorophenol	20.9	5.00	mg/kg dry	100	0K21020	11/21/00	11/24/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	60.0 %	30-150			"	"	"	"	
SB-04-10 (B0K0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00									
Pentachlorophenol	0.233	0.0500	mg/kg dry	1	0K21020	11/21/00	11/22/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	72.6 %	30-150			"	"	"	"	

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West-Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-W (B0K0412-01) Water Sampled: 11/14/00 16:50 Received: 11/14/00 19:00									
Acenaphthene	0.772	0.100	ug/l	1	OK17018	11/17/00	11/19/00	GCMS-SIM	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	0.167	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Chrysene	ND	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	0.104	0.100	"	"	"	"	"	"	
Fluorene	1.96	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	
Naphthalene	6.42	0.100	"	"	"	"	"	"	
Phenanthrene	1.65	0.100	"	"	"	"	"	"	
Pyrene	0.355	0.100	"	"	"	"	"	"	
Surrogate: 2-FBP	84.1 %	12-107			"	"	"	"	
Surrogate: Nitrobenzene-d5	82.0 %	10-115			"	"	"	"	
Surrogate: p-Terphenyl-d14	98.5 %	28-103			"	"	"	"	

SB-01-0.6 (B0K0412-02) Soil Sampled: 11/14/00 10:05 Received: 11/14/00 19:00									
Acenaphthene	ND	0.100	mg/kg dry	10	OK16001	11/16/00	11/21/00	GCMS-SIM	
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 (ghi) perylene	0.136	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	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	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	ND	0.100	"	"	"	"	"	"	
Pyrene	ND	0.100	"	"	"	"	"	"	
Surrogate: 2-FBP	63.4 %	13-140			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-0.6 (B0K0412-02) Soil Sampled: 11/14/00 10:05 Received: 11/14/00 19:00									
Surrogate: Nitrobenzene-d5	70.9 %	10-136			0K16001	11/16/00	11/21/00	GCMS-SIM	
Surrogate: p-Terphenyl-d14	87.3 %	30-150			"	"	"	"	
SB-01-2 (B0K0412-03) Soil Sampled: 11/14/00 10:45 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0500	mg/kg dry	5	0K16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	0.0617	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	ND	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	ND	0.0500	"	"	"	"	"	"	
Pyrene	ND	0.0500	"	"	"	"	"	"	
Surrogate: 2-FBP	59.9 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	68.1 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	83.7 %	30-150			"	"	"	"	
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0100	mg/kg dry	1	0K16001	11/16/00	11/21/00	GCMS-SIM	
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 (ghi) perylene	0.0118	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	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	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Naphthalene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
Phenanthrene	0.0160	0.0100	"	"	"	"	"	"	
Pyrene	0.0118	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	65.2 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	72.9 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	92.9 %	30-150			"	"	"	"	
SB-01-10 (B0K0412-05) Soil Sampled: 11/14/00 11:40 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
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 (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	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	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	0.0215	0.0100	"	"	"	"	"	"	
Pyrene	0.0116	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	54.9 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	63.1 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	91.3 %	30-150			"	"	"	"	

Amy Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9280
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-14 (B0K0412-06) Soil Sampled: 11/14/00 12:05 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
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 (ghi) perylene	ND	0.0100	"	"	"	"	"	"	"
Benzo (k) fluoranthene	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	"	"	"	"	"	"	"
naphthalene	ND	0.0100	"	"	"	"	"	"	"
anthrene	ND	0.0100	"	"	"	"	"	"	"
Pyrene	ND	0.0100	"	"	"	"	"	"	"
Surrogate: 2-FBP	58.7 %	13-140			"	"	"	"	"
Surrogate: Nitrobenzene-d5	68.4 %	10-136			"	"	"	"	"
Surrogate: p-Terphenyl-d14	90.8 %	30-150			"	"	"	"	"

SB-02-0.6 (B0K0412-07) Soil Sampled: 11/14/00 10:13 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0500	mg/kg dry	5	OK16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	"
Anthracene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Chrysene	ND	0.0500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	"
Fluoranthene	ND	0.0500	"	"	"	"	"	"	"
Fluorene	ND	0.0500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	"
Naphthalene	ND	0.0500	"	"	"	"	"	"	"
Phenanthrene	ND	0.0500	"	"	"	"	"	"	"
Pyrene	ND	0.0500	"	"	"	"	"	"	"
Surrogate: 2-FBP	70.1 %	13-140			"	"	"	"	"

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Amber Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-0.6 (B0K0412-07) Soil Sampled: 11/14/00 10:13 Received: 11/14/00 19:00									
Surrogate: Nitrobenzene-d5	71.1 %	10-136			OK16001	11/16/00	11/21/00	GCMS-SIM	
Surrogate: p-Terphenyl-d14	98.5 %	30-150			"	"	"	"	
SB-02-2 (B0K0412-08) Soil Sampled: 11/14/00 13:30 Received: 11/14/00 19:00									
Acenaphthene	0.343	0.0500	mg/kg dry	5	OK16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Anthracene	0.153	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Chrysene	0.0766	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	0.129	0.0500	"	"	"	"	"	"	
Fluorene	0.975	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	0.0967	0.0500	"	"	"	"	"	"	
Phenanthrene	1.59	0.0500	"	"	"	"	"	"	
Pyrene	0.536	0.0500	"	"	"	"	"	"	
Surrogate: 2-FBP	65.7 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	63.2 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	94.0 %	30-150			"	"	"	"	
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
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 (ghi) perylene	0.0141	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	0.0116	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Naphthalene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
Phenanthrene	0.0273	0.0100	"	"	"	"	"	"	
Pyrene	0.0133	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	67.1 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	70.5 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	90.8 %	30-150			"	"	"	"	
SB-02-10 (B0K0412-10) Soil Sampled: 11/14/00 14:11 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
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 (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	0.0106	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	0.0342	0.0100	"	"	"	"	"	"	
Pyrene	0.0138	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	59.6 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	70.4 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	87.2 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-14 (B0K0412-11) Soil Sampled: 11/14/00 14:31 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0100	mg/kg dry	1	OK16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.0376	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	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	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	ND	0.0100	"	"	"	"	"	"	
Pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	64.7 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	68.3 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	93.6 %	30-150			"	"	"	"	
SB-03-0.6 (B0K0412-12) Soil Sampled: 11/14/00 10:16 Received: 11/14/00 19:00									
Acenaphthene	1.74	1.25	mg/kg dry	50	OK16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	1.25	"	"	"	"	"	"	
Anthracene	2.12	1.25	"	"	"	"	"	"	
Benzo (a) anthracene	5.50	1.25	"	"	"	"	"	"	
Benzo (a) pyrene	3.57	1.25	"	"	"	"	"	"	
Benzo (b) fluoranthene	3.38	1.25	"	"	"	"	"	"	
Benzo (ghi) perylene	2.99	1.25	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	1.25	"	"	"	"	"	"	
Chrysene	9.94	1.25	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.25	"	"	"	"	"	"	
Fluoranthene	5.60	1.25	"	"	"	"	"	"	
Fluorene	2.61	1.25	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	2.03	1.25	"	"	"	"	"	"	
Naphthalene	2.61	1.25	"	"	"	"	"	"	
Phenanthrene	11.6	1.25	"	"	"	"	"	"	
Pyrene	16.2	1.25	"	"	"	"	"	"	
Surrogate: 2-FBP	85.0 %	13-140			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-03-0.6 (B0K0412-12) Soil Sampled: 11/14/00 10:16 Received: 11/14/00 19:00									
Surrogate: Nitrobenzene-d5	30.0 %	10-136			0K16001	11/16/00	11/21/00	GCMS-SIM	
Surrogate: p-Terphenyl-d14	120 %	30-150			"	"	"	"	
SB-04-0.6 (B0K0412-13) Soil Sampled: 11/14/00 10:25 Received: 11/14/00 19:00									
Acenaphthene	ND	0.500	mg/kg dry	50	0K16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	0.500	"	"	"	"	"	"	
Anthracene	ND	0.500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.500	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.505	0.500	"	"	"	"	"	"	
Benzo (ghi) perylene	1.05	0.500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.500	"	"	"	"	"	"	
Chrysene	0.544	0.500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.500	"	"	"	"	"	"	
Fluoranthene	0.700	0.500	"	"	"	"	"	"	
Fluorene	ND	0.500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.622	0.500	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
Phenanthrene	0.583	0.500	"	"	"	"	"	"	
Pyrene	0.894	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	63.9 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	66.0 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	104 %	30-150			"	"	"	"	
SB-05-0.6 (B0K0412-14) Soil Sampled: 11/14/00 10:31 Received: 11/14/00 19:00									
Acenaphthene	ND	0.0500	mg/kg dry	5	0K16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0933	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	0.154	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.223	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	0.235	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.0933	0.0500	"	"	"	"	"	"	
Chrysene	0.219	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	0.434	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.154	0.0500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-05-0.6 (B0K0412-14) Soil Sampled: 11/14/00 10:31 Received: 11/14/00 19:00										
Naphthalene	ND	0.0500		mg/kg dry	5	OK16001	11/16/00	11/21/00	GCMS-SIM	
Phenanthrene	0.426	0.0500		"	"	"	"	"	"	
Pyrene	0.381	0.0500		"	"	"	"	"	"	
Surrogate: 2-FBP	93.6 %	13-140				"	"	"	"	
Surrogate: Nitrobenzene-d5	93.1 %	10-136				"	"	"	"	
Surrogate: p-Terphenyl-d14	119 %	30-150				"	"	"	"	
SB-04-2 (B0K0412-15) Soil Sampled: 11/14/00 15:08 Received: 11/14/00 19:00										
Acenaphthene	0.945	0.100		mg/kg dry	10	OK16001	11/16/00	11/21/00	GCMS-SIM	
Acenaphthylene	0.381	0.100		"	"	"	"	"	"	
Anthracene	1.09	0.100		"	"	"	"	"	"	
Benzo (a) anthracene	0.414	0.100		"	"	"	"	"	"	
Benzo (a) pyrene	0.290	0.100		"	"	"	"	"	"	
Benzo (b) fluoranthene	0.141	0.100		"	"	"	"	"	"	
Benzo (ghi) perylene	0.232	0.100		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100		"	"	"	"	"	"	
Chrysene	0.630	0.100		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100		"	"	"	"	"	"	
Fluoranthene	0.688	0.100		"	"	"	"	"	"	
Fluorene	2.18	0.100		"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.124	0.100		"	"	"	"	"	"	
Naphthalene	4.66	0.100		"	"	"	"	"	"	
Phenanthrene	6.01	0.100		"	"	"	"	"	"	
Pyrene	3.66	0.100		"	"	"	"	"	"	
Surrogate: 2-FBP	67.6 %	13-140				"	"	"	"	
Surrogate: Nitrobenzene-d5	75.4 %	10-136				"	"	"	"	
Surrogate: p-Terphenyl-d14	95.7 %	30-150				"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-04-5 (BOK0412-16) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00

Acenaphthene	0.164	0.100	mg/kg dry	10	OK21020	11/21/00	11/22/00	GCMS-SIM	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	0.287	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	1.32	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	1.46	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.78	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.934	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.704	0.100	"	"	"	"	"	"	
Chrysene	1.59	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.246	0.100	"	"	"	"	"	"	
Fluoranthene	2.60	0.100	"	"	"	"	"	"	
Fluorene	0.106	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.991	0.100	"	"	"	"	"	"	
hthalene	ND	0.100	"	"	"	"	"	"	
nanthrene	1.21	0.100	"	"	"	"	"	"	
Pyrene	2.73	0.100	"	"	"	"	"	"	

Surrogate: 2-FBP	64.9 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	69.8 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	101 %	30-150			"	"	"	"	

SB-04-10 (BOK0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00

Acenaphthene	ND	0.0100	mg/kg dry	1	OK21020	11/21/00	11/22/00	GCMS-SIM	
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 (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	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	"	"	"	"	"	"	
Naphthalene	0.0151	0.0100	"	"	"	"	"	"	
Phenanthrene	0.0276	0.0100	"	"	"	"	"	"	
Pyrene	0.0178	0.0100	"	"	"	"	"	"	

Surrogate: 2-FBP	62.8 %	13-140			"	"	"	"	
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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-04-10 (B0K0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00										
Surrogate: Nitrobenzene-d5	73.5 %	10-136				OK21020	11/21/00	11/22/00	GCMS-SIM	
Surrogate: p-Terphenyl-d14	97.8 %	30-150				"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-01-0.6 (B0K0412-02) Soil Sampled: 11/14/00 10:05 Received: 11/14/00 19:00									
Dry Weight	78.2	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-01-2 (B0K0412-03) Soil Sampled: 11/14/00 10:45 Received: 11/14/00 19:00									
Dry Weight	64.2	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-01-5 (B0K0412-04) Soil Sampled: 11/14/00 11:05 Received: 11/14/00 19:00									
Dry Weight	78.8	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-01-10 (B0K0412-05) Soil Sampled: 11/14/00 11:40 Received: 11/14/00 19:00									
Dry Weight	79.7	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-01-14 (B0K0412-06) Soil Sampled: 11/14/00 12:05 Received: 11/14/00 19:00									
Dry Weight	80.8	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-02-0.6 (B0K0412-07) Soil Sampled: 11/14/00 10:13 Received: 11/14/00 19:00									
Weight	86.0	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-02-2 (B0K0412-08) Soil Sampled: 11/14/00 13:30 Received: 11/14/00 19:00									
Dry Weight	82.4	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-02-5 (B0K0412-09) Soil Sampled: 11/14/00 13:45 Received: 11/14/00 19:00									
Dry Weight	80.2	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-02-10 (B0K0412-10) Soil Sampled: 11/14/00 14:11 Received: 11/14/00 19:00									
Dry Weight	81.6	1.00	%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-02-14 (B0K0412-11) Soil Sampled: 11/14/00 14:31 Received: 11/14/00 19:00										
Dry Weight	76.3	1.00		%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-03-0.6 (B0K0412-12) Soil Sampled: 11/14/00 10:16 Received: 11/14/00 19:00										
Dry Weight	86.4	1.00		%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-04-0.6 (B0K0412-13) Soil Sampled: 11/14/00 10:25 Received: 11/14/00 19:00										
Dry Weight	85.5	1.00		%	1	0K16053	11/16/00	11/17/00	BSOPSPL003R07	
SB-05-0.6 (B0K0412-14) Soil Sampled: 11/14/00 10:31 Received: 11/14/00 19:00										
Dry Weight	81.3	1.00		%	1	0K16054	11/16/00	11/17/00	BSOPSPL003R07	
SB-04-2 (B0K0412-15) Soil Sampled: 11/14/00 15:08 Received: 11/14/00 19:00										
Dry Weight	80.2	1.00		%	1	0K16054	11/16/00	11/17/00	BSOPSPL003R07	
SB-04-5 (B0K0412-16) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00										
Dry Weight	81.4	1.00		%	1	0K16054	11/16/00	11/17/00	BSOPSPL003R07	
SB-04-10 (B0K0412-17) Soil Sampled: 11/14/00 15:26 Received: 11/14/00 19:00										
Dry Weight	74.3	1.00		%	1	0K16054	11/16/00	11/17/00	BSOPSPL003R07	

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K18007: Prepared 11/18/00 Using EPA 5030B (P/T)

Blank (0K18007-BLK1)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	37.9		"	48.0		79.0	50-150			
Surrogate: 4-BFB (PID)	40.4		"	48.0		84.2	50-150			

Blank (0K18007-BLK2)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	40.2		"	48.0		83.8	50-150			
Surrogate: 4-BFB (PID)	44.0		"	48.0		91.7	50-150			

LCS (0K18007-BS1)

Gasoline Range Hydrocarbons	475	50.0	ug/l	500		95.0	70-130			
Surrogate: 4-BFB (FID)	46.0		"	48.0		95.8	50-150			

LCS (0K18007-BS2)

Gasoline Range Hydrocarbons	502	50.0	ug/l	500		100	70-130			
Surrogate: 4-BFB (FID)	48.4		"	48.0		101	50-150			

Duplicate (0K18007-DUP1)

Source: B0K0342-52

Gasoline Range Hydrocarbons	ND	50.0	ug/l		ND			18.8	25	
Surrogate: 4-BFB (FID)	41.6		"	48.0		86.7	50-150			

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K18007: Prepared 11/18/00 Using EPA 5030B (P/T)

Duplicate (0K18007-DUP2)				Source: B0K0342-51						
Gasoline Range Hydrocarbons	ND	50.0	ug/l	ND				32.3	25	Q-05
Surrogate: 4-BFB (FID)	39.0		"	48.0		81.3	50-150			

Matrix Spike (0K18007-MS1)				Source: B0K0304-03						
Benzene	10.7	0.500	ug/l	10.0	ND	106	70-130			
Toluene	10.4	0.500	"	10.0	ND	102	70-130			
Ethylbenzene	10.3	0.500	"	10.0	ND	103	70-130			
Xylenes (total)	30.7	1.00	"	30.0	ND	102	70-130			
Surrogate: 4-BFB (PID)	45.7		"	48.0		95.2	50-150			

Matrix Spike Dup (0K18007-MSD1)				Source: B0K0304-03						
Benzene	10.6	0.500	ug/l	10.0	ND	105	70-130	0.939	15	
Toluene	10.5	0.500	"	10.0	ND	103	70-130	0.957	15	
Ethylbenzene	10.6	0.500	"	10.0	ND	106	70-130	2.87	15	
Xylenes (total)	31.2	1.00	"	30.0	ND	103	70-130	1.62	15	
Surrogate: 4-BFB (PID)	46.9		"	48.0		97.7	50-150			

Batch 0K19007: Prepared 11/19/00 Using EPA 5030B (MeOH)

Blank (0K19007-BLK1)										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	3.12		"	4.00		78.0	50-150			
Surrogate: 4-BFB (PID)	3.42		"	4.00		85.5	50-150			



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K19007: Prepared 11/19/00 Using EPA 5030B (MeOH)										
LCS (0K19007-BS1)										
Gasoline Range Hydrocarbons	31.9	5.00	mg/kg wet	25.0		128	70-130			
Surrogate: 4-BFB (FID)	3.88		"	4.00		97.0	50-150			
Duplicate (0K19007-DUP1) Source: B0K0498-01										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		7.01			130	50	A-01
Surrogate: 4-BFB (FID)	3.64		"	4.70		77.4	50-150			
Duplicate (0K19007-DUP2) Source: B0K0498-02										
Gasoline Range Hydrocarbons	1000	50.0	mg/kg dry		1730			53.5	50	A-01
Surrogate: 4-BFB (FID)	24.0		"	4.70		511	50-150			S-02
Matrix Spike (0K19007-MS1) Source: B0K0412-17										
Benzene	0.573	0.0500	mg/kg dry	0.673	ND	85.1	60-140			
Toluene	0.607	0.0500	"	0.673	ND	88.0	60-140			
Ethylbenzene	0.589	0.0500	"	0.673	ND	86.0	60-140			
Xylenes (total)	1.81	0.100	"	2.02	ND	88.1	60-140			
Surrogate: 4-BFB (PID)	4.56		"	5.38		84.8	50-150			
Matrix Spike Dup (0K19007-MSD1) Source: B0K0412-17										
Benzene	0.584	0.0500	mg/kg dry	0.673	ND	86.8	60-140	1.90	20	
Toluene	0.610	0.0500	"	0.673	ND	88.4	60-140	0.493	20	
Ethylbenzene	0.587	0.0500	"	0.673	ND	85.8	60-140	0.340	20	
Xylenes (total)	1.81	0.100	"	2.02	ND	88.1	60-140	0	20	
Surrogate: 4-BFB (PID)	4.30		"	5.38		79.9	50-150			

North Creek Analytical - Bothell

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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Notes
Batch 0K16015: Prepared 11/16/00 Using EPA 3520C/600 Series									
Blank (0K16015-BLK1)									
Diesel Range Hydrocarbons	ND	0.250	mg/l						
Lube Oil Range Hydrocarbons	ND	0.500	"						
Surrogate: 2-FBP	0.308		"	0.320		96.3 50-150			
LCS (0K16015-BS1)									
Diesel Range Hydrocarbons	1.59	0.250	mg/l	2.00		79.5 60-140			
Surrogate: 2-FBP	0.308		"	0.320		96.3 50-150			
LCS Dup (0K16015-BSD1)									
Diesel Range Hydrocarbons	1.67	0.250	mg/l	2.00		83.5 60-140	4.91	40	
Surrogate: 2-FBP	0.298		"	0.320		93.1 50-150			
Batch 0K18006: Prepared 11/18/00 Using EPA 3550B									
Blank (0K18006-BLK1)									
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet						
Lube Oil Range Hydrocarbons	ND	25.0	"						
Surrogate: 2-FBP	9.45		"	10.7		88.3 50-150			
LCS (0K18006-BS1)									
Diesel Range Hydrocarbons	60.0	10.0	mg/kg wet	66.7		90.0 60-140			
Surrogate: 2-FBP	7.65		"	10.7		71.5 50-150			
Duplicate (0K18006-DUP1) Source: B0K0362-21									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND			50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND		3.19	50	
Surrogate: 2-FBP	9.49		"	12.2		77.8 50-150			



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
Batch 0K18006: Prepared 11/18/00 Using EPA 3550B					Source: B0K0412-16				
Duplicate (0K18006-DUP2)									
Diesel Range Hydrocarbons	273	10.0	mg/kg dry		217		22.9	50	
Lube Oil Range Hydrocarbons	307	25.0	"		260		16.6	50	
Surrogate: 2-FBP	9.90		"	13.1		75.6	50-150		

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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
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Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K20052: Prepared 11/20/00 Using EPA 3020A										
Blank (0K20052-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (0K20052-BS1)										
Lead	0.204	0.00100	mg/l	0.200		102	80-120			
Matrix Spike (0K20052-MS1) Source: B0K0343-02										
Lead	0.214	0.00100	mg/l	0.200	0.00149	106	75-125			
Matrix Spike Dup (0K20052-MSD1) Source: B0K0343-02										
Lead	0.215	0.00100	mg/l	0.200	0.00149	107	75-125	0.466	20	
Batch 0K21029: Prepared 11/21/00 Using EPA 3050B										
Blank (0K21029-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0K21029-BS1)										
Lead	25.5	0.500	mg/kg wet	25.0		102	80-120			
Matrix Spike (0K21029-MS1) Source: B0K0436-05										
Lead	20.4	0.316	mg/kg dry	17.1	3.10	101	70-130			
Matrix Spike Dup (0K21029-MSD1) Source: B0K0436-05										
Lead	20.8	0.316	mg/kg dry	17.1	3.10	104	70-130	1.94	20	



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 509.924.9200 fax 509.924.9290
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 541.383.9310 fax 541.382.7588

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 Project Number: n/a
 Project Manager: Bryan Graham

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Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
Batch 0K17018: Prepared 11/17/00 Using EPA 3520C/600 Series										
Blank (0K17018-BLK1)										
Pentachlorophenol	ND	0.500	ug/l							
Surrogate: 2,4,6-TBP	29.3		"	50.0		58.6	30-150			
LCS (0K17018-BS1)										
Pentachlorophenol	3.04	0.500	ug/l	4.00		76.0	30-150			
Surrogate: 2,4,6-TBP	32.6		"	50.0		65.2	30-150			
LCS Dup (0K17018-BSD1)										
Pentachlorophenol	3.02	0.500	ug/l	4.00		75.5	30-150	0.660	50	
Surrogate: 2,4,6-TBP	37.4		"	50.0		74.8	30-150			
Batch 0K21020: Prepared 11/21/00 Using EPA 3550B										
Blank (0K21020-BLK1)										
Pentachlorophenol	ND	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.39		"	1.67		83.2	30-150			
LCS (0K21020-BS1)										
Pentachlorophenol	0.449	0.0500	mg/kg wet	0.667		67.3	30-150			
Surrogate: 2,4,6-TBP	1.06		"	1.67		63.5	30-150			
Matrix Spike (0K21020-MS1) Source: B0K0412-16										
Pentachlorophenol	79.5	5.00	mg/kg dry	0.819	20.9	7160	25-200			Q-03
Surrogate: 2,4,6-TBP	1.39		"	2.05		67.8	30-150			
Matrix Spike Dup (0K21020-MSD1) Source: B0K0412-16										
Pentachlorophenol	52.7	5.00	mg/kg dry	0.819	20.9	3880	25-200	40.5	50	Q-03
Surrogate: 2,4,6-TBP	1.23		"	2.05		60.0	30-150			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
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Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K21022: Prepared 11/21/00 Using EPA 3550B										
Blank (0K21022-BLK1)										
Pentachlorophenol	ND	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.47		"	1.67		88.0	30-150			
LCS (0K21022-BS1)										
Pentachlorophenol	0.524	0.0500	mg/kg wet	0.667		78.6	30-150			
Surrogate: 2,4,6-TBP	1.47		"	1.67		88.0	30-150			
Matrix Spike (0K21022-MS1) Source: B0K0448-01										
Pentachlorophenol	0.774	0.250	mg/kg dry	0.828	ND	93.5	25-200			
Surrogate: 2,4,6-TBP	2.02		"	2.07		97.6	30-150			
Matrix Spike Dup (0K21022-MSD1) Source: B0K0448-01										
Pentachlorophenol	0.733	0.250	mg/kg dry	0.828	ND	88.5	25-200	5.44	50	
Surrogate: 2,4,6-TBP	1.87		"	2.07		90.3	30-150			



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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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Batch 0K16001: Prepared 11/16/00 Using EPA 3550B

Blank (0K16001-BLK1)

Acenaphthene	ND	0.0100	mg/kg wet					
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 (ghi) perylene	ND	0.0100	"					
Benzo (k) fluoranthene	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	"					
Naphthalene	ND	0.0100	"					
Phenanthrene	ND	0.0100	"					
Pyrene	ND	0.0100	"					
Surrogate: 2-FBP	1.14		"	1.67		68.3	13-140	
Surrogate: Nitrobenzene-d5	1.27		"	1.67		76.0	10-136	
Surrogate: p-Terphenyl-d14	1.61		"	1.67		96.4	30-150	

LCS (0K16001-BS1)

Chrysene	0.302	0.0100	mg/kg wet	0.333		90.7	51-124	
Fluorene	0.225	0.0100	"	0.333		67.6	35-141	
Indeno (1,2,3-cd) pyrene	0.307	0.0100	"	0.333		92.2	27-148	
Surrogate: 2-FBP	1.05		"	1.67		62.9	13-140	
Surrogate: Nitrobenzene-d5	1.37		"	1.67		82.0	10-136	
Surrogate: p-Terphenyl-d14	1.66		"	1.67		99.4	30-150	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K16001: Prepared 11/16/00 Using EPA 3550B

Matrix Spike (0K16001-MS1)

Source: B0K0256-14

Chrysene	0.299	0.0100	mg/kg dry	0.345	ND	86.7	15-147			
Fluorene	0.260	0.0100	"	0.345	ND	75.4	21-153			
Indeno (1,2,3-cd) pyrene	0.306	0.0100	"	0.345	ND	87.5	10-179			
Surrogate: 2-FBP	1.17		"	1.72		68.0	13-140			
Surrogate: Nitrobenzene-d5	1.37		"	1.72		79.7	10-136			
Surrogate: p-Terphenyl-d14	1.61		"	1.72		93.6	30-150			

Matrix Spike Dup (0K16001-MSD1)

Source: B0K0256-14

Chrysene	0.284	0.0100	mg/kg dry	0.345	ND	82.3	15-147	5.15	37	
Fluorene	0.257	0.0100	"	0.345	ND	74.5	21-153	1.16	38	
Indeno (1,2,3-cd) pyrene	0.305	0.0100	"	0.345	ND	87.2	10-179	0.327	53	
Surrogate: 2-FBP	1.20		"	1.72		69.8	13-140			
Surrogate: Nitrobenzene-d5	1.31		"	1.72		76.2	10-136			
Surrogate: p-Terphenyl-d14	1.62		"	1.72		94.2	30-150			

Batch 0K17018: Prepared 11/17/00 Using EPA 3520C/600 Series

Blank (0K17018-BLK1)

Acenaphthene	ND	0.100	ug/l							
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 (ghi) perylene	ND	0.100	"							
Benzo (k) fluoranthene	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	"							
Naphthalene	ND	0.100	"							
Phenanthrene	ND	0.100	"							
Pyrene	ND	0.100	"							
Surrogate: 2-FBP	26.3		"	50.0		52.6	12-107			
Surrogate: Nitrobenzene-d5	31.7		"	50.0		63.4	10-115			

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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K17018: Prepared 11/17/00 Using EPA 3520C/600 Series

Blank (0K17018-BLK1)

Surrogate: p-Terphenyl-d14	46.2		ug/l	50.0		92.4	28-103			
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LCS (0K17018-BS1)

Chrysene	7.32	0.100	ug/l	10.0		73.2	50-123			
Fluorene	6.96	0.100	"	10.0		69.6	31-132			
Indeno (1,2,3-cd) pyrene	8.02	0.100	"	10.0		80.2	27-146			
Surrogate: 2-FBP	36.0		"	50.0		72.0	12-107			
Surrogate: Nitrobenzene-d5	39.3		"	50.0		78.6	10-115			
Surrogate: p-Terphenyl-d14	50.0		"	50.0		100	28-103			

LCS Dup (0K17018-BSD1)

Chrysene	7.86	0.100	ug/l	10.0		78.6	50-123	7.11	27	
Fluorene	7.28	0.100	"	10.0		72.8	31-132	4.49	36	
Indeno (1,2,3-cd) pyrene	8.10	0.100	"	10.0		81.0	27-146	0.993	31	
Surrogate: 2-FBP	38.5		"	50.0		77.0	12-107			
Surrogate: Nitrobenzene-d5	42.7		"	50.0		85.4	10-115			
Surrogate: p-Terphenyl-d14	54.6		"	50.0		109	28-103			S-03.

Batch 0K21020: Prepared 11/21/00 Using EPA 3550B

Blank (0K21020-BLK1)

Acenaphthene	ND	0.0100	mg/kg wet							
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 (ghi) perylene	ND	0.0100	"							
Benzo (k) fluoranthene	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	"							
Naphthalene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K21020: Prepared 11/21/00 Using EPA 3550B

Blank (0K21020-BLK1)

Pyrene	ND	0.0100	mg/kg wet							
Surrogate: 2-FBP	1.16		"	1.67		69.5	13-140			
Surrogate: Nitrobenzene-d5	1.38		"	1.67		82.6	10-136			
Surrogate: p-Terphenyl-d14	1.76		"	1.67		105	30-150			

LCS (0K21020-BS1)

Chrysene	0.293	0.0100	mg/kg wet	0.333		88.0	51-124			
Fluorene	0.248	0.0100	"	0.333		74.5	35-141			
Indeno (1,2,3-cd) pyrene	0.303	0.0100	"	0.333		91.0	27-148			
Surrogate: 2-FBP	1.15		"	1.67		68.9	13-140			
Surrogate: Nitrobenzene-d5	1.40		"	1.67		83.8	10-136			
Surrogate: p-Terphenyl-d14	1.67		"	1.67		100	30-150			

Matrix Spike (0K21020-MS1)

Source: B0K0412-16

Chrysene	1.85	0.100	mg/kg dry	0.410	1.59	63.4	15-147			
Fluorene	0.410	0.100	"	0.410	0.106	74.1	21-153			
Indeno (1,2,3-cd) pyrene	1.34	0.100	"	0.410	0.991	85.1	10-179			
Surrogate: 2-FBP	1.47		"	2.05		71.7	13-140			
Surrogate: Nitrobenzene-d5	1.61		"	2.05		78.5	10-136			
Surrogate: p-Terphenyl-d14	2.20		"	2.05		107	30-150			

Matrix Spike Dup (0K21020-MSD1)

Source: B0K0412-16

Chrysene	1.45	0.100	mg/kg dry	0.410	1.59	-34.1	15-147	24.2	37	Q-
Fluorene	0.393	0.100	"	0.410	0.106	70.0	21-153	4.23	38	
Indeno (1,2,3-cd) pyrene	1.05	0.100	"	0.410	0.991	14.4	10-179	24.3	53	
Surrogate: 2-FBP	1.29		"	2.05		62.9	13-140			
Surrogate: Nitrobenzene-d5	1.39		"	2.05		67.8	10-136			
Surrogate: p-Terphenyl-d14	1.97		"	2.05		96.1	30-150			

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 14:29

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K16053: Prepared 11/16/00 Using Dry Weight										
Blank (0K16053-BLK1)										
Dry Weight	99.8	1.00	%							
Batch 0K16054: Prepared 11/16/00 Using Dry Weight										
Blank (0K16054-BLK1)										
Dry Weight	100	1.00	%							

North Creek Analytical - Bothell

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Environmental Laboratory Network

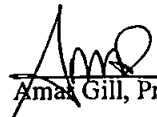


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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 14:29
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Notes and Definitions

- A-01 The percent recovery for this QC sample is outside established control limits due to excessive headspace.
- G-01 Results reported for the gas range are primarily due to overlap from diesel range hydrocarbons.
- Q-03 The percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte already present in the sample.
- Q-05 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- S-03 The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
- S-05 Due to interference from coeluting organic compounds with the primary surrogate, results of the secondary surrogate have been used to control the analysis.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference


 Amas Gill, Project Manager



Page 1 of 2

North Creek Analytical, Inc. 400... W... -822...
 East 11115 Montgomery, Suite B, Spokane, WA 98206-4776
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

...425) ...30 ...9...
 (509) 924-9200 F -9290
 (503) 906-9200 F -9210
 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **30K0412**

CLIENT: *Time Oil Company / Foster Wheeler*
 REPORT TO: *Time oil w/ copy to Foster Wheeler*
 ADDRESS: *12100 NE 145th Street, Suite 200*
Bothell WA 98011
 PHONE: *475-432 7865* FAX: *475-492 7676*

INVOICE TO: *Time Oil Company*
ATTN: Scott Sloan
2737 West Commachere Way
Seattle WA 98
 P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses

10	7	5	4	3	2	1	<1
----	---	---	---	---	---	---	----

STD.

Petroleum Hydrocarbon Analyses

5	4	3	2	1	<1
---	---	---	---	---	----

STD.

OTHER Please Specify _____

*Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME: *West Commachere Way Phase II*
 PROJECT NUMBER:
 SAMPLED BY: *Bryan Graham*

		REQUESTED ANALYSES															
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	6x/TEX	TOT	0270.504	Penta chloroeth	Total lead											
SB-01-W	11/14/00 1650	X	X	X	X	X											
SB-01-0.6	1005	X	X	X	X	X					0270 only						
SB-01-2	1045	X	X	X	X	X											
SB-01-5	1105	X	X	X	X	X											
SB-01-10	1140	X	X	X	X	X											
SB-01-14	1205	X	X	X	X	X											
SB-02-0.6	1013	X	X	X	X	X					0270 only						
SB-02-2	1330	X	X	X	X	X											
SB-02-5	1345	X	X	X	X	X											
SB-02-10	1411	X	X	X	X	X											
SB-02-14	1431	X	X	X	X	X											
SB-03-0.6	1016	X	X	X	X	X					020 only						
SB-04-0.6	1025	X	X	X	X	X					0270 only						
SB-05-0.6	1030	X	X	X	X	X					0270 only						
SB-04-2	1500	X	X	X	X	X											

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
			- 01
			- 02
			- 03
			- 04
			- 05
			- 06
			- 07
			- 08
			- 09
			- 10
			- 11
			- 12
			- 13
			- 14
			- 15

RELINQUISHED BY: *JEFF SPECK* FIRM: *Foster Wheeler* DATE: *11.14.00* TIME: *1900*
 RELINQUISHED BY: FIRM: DATE: TIME:

RECEIVED BY: *ROBERT JONES* FIRM: *NCA* DATE: *11/14/00* TIME: *1900*
 RECEIVED BY: FIRM: DATE: TIME:

ADDITIONAL REMARKS: *TEMP: 4.8* PAGE OF

Page 2 of 2

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East 11115 Montgomery, Suite B, Spokane, WA 98206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 FAX 420-9210
(509) 924-9200 FAX 924-9290
(503) 906-9200 FAX 906-9210
(541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0412**

CLIENT:
REPORT TO: **See page**
ADDRESS:
PHONE:
FAX:

INVOICE TO:
P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 <1


STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. OTHER Please Specify _____

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES													
		Bx/BTEX	TPH Dx + O1	PCP STD Sm	Total Lead										
SB-04-5	11/14/00 1526	X	X	X	X										
SB-04-10	11/14/00 1558	X	X	X	X										

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
			-16
			-17

RELINQUISHED BY:	DATE: 11/14/00	RECEIVED BY: 	DATE: 11/14/00
PRINT NAME: JEFF SPECIAL	FIRM: FOSTER WHEELER	PRINT NAME: ROBERT JONES	FIRM: NCA
	TIME: 1200		TIME: 19:00
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM:	PRINT NAME:	FIRM:
	TIME:		TIME:



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01MW07	BOL0047-01	Water	12/01/00 07:50	12/01/00 15:37
01MW08	BOL0047-02	Water	12/01/00 08:40	12/01/00 15:37
01MW09	BOL0047-03	Water	12/01/00 09:10	12/01/00 15:37
01MW11	BOL0047-04	Water	12/01/00 09:30	12/01/00 15:37
02MW07	BOL0047-05	Water	12/01/00 07:20	12/01/00 15:37
TRIP BLANK	BOL0047-06	Water	12/01/00 07:15	12/01/00 15:37
SB03B	BOL0047-07	Soil	12/01/00 13:42	12/01/00 15:37
SB-03A	BOL0047-08	Soil	12/01/00 14:10	12/01/00 15:37
SB-05B	BOL0047-09	Soil	12/01/00 11:45	12/01/00 15:37
SB-05C	BOL0047-10	Soil	12/01/00 12:10	12/01/00 15:37
SB-05D	BOL0047-11	Soil	12/01/00 12:40	12/01/00 15:37

North Creek Analytical - Bothell

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 Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW07 (B0L0047-01) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	0L07039	12/07/00	12/08/00	NWTPH-Gx/8021B	
Benzene	ND	1.08	"	"	"	"	"	"	R-03
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	105 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	112 %	50-150			"	"	"	"	
01MW08 (B0L0047-02) Water Sampled: 12/01/00 08:40 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	0L07039	12/07/00	12/08/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	100 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	109 %	50-150			"	"	"	"	
01MW09 (B0L0047-03) Water Sampled: 12/01/00 09:10 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	2210	250	ug/l	5	0L07039	12/07/00	12/08/00	NWTPH-Gx/8021B	
Benzene	402	2.50	"	"	"	"	"	"	
Toluene	143	2.50	"	"	"	"	"	"	
Ethylbenzene	65.2	2.50	"	"	"	"	"	"	
Xylenes (total)	333	5.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	102 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	107 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/21/00 15:55
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW11 (B0L0047-04) Water Sampled: 12/01/00 09:30 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	0L07039	12/07/00	12/08/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	99.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	110 %	50-150			"	"	"	"	
02MW07 (B0L0047-05) Water Sampled: 12/01/00 07:20 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	356	50.0	ug/l	1	0L07039	12/07/00	12/08/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.820	"	"	"	"	"	"	R-03
Ethylbenzene	ND	3.55	"	"	"	"	"	"	R-03
Xylenes (total)	ND	9.83	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	84.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	112 %	50-150			"	"	"	"	
SB03B (B0L0047-07) Soil Sampled: 12/01/00 13:42 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	1670	100	mg/kg dry	20	0L04019	12/04/00	12/06/00	NWTPH-Gx/8021B	
Benzene	ND	1.00	"	"	"	"	"	"	
Toluene	ND	3.20	"	"	"	"	"	"	R-03
Ethylbenzene	ND	7.00	"	"	"	"	"	"	R-03
Xylenes (total)	ND	16.2	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	50-150			"	"	"	"	S-01

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0L04019	12/04/00	12/06/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	87.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	95.5 %	50-150			"	"	"	"	
SB-05B (B0L0047-09) Soil Sampled: 12/01/00 11:45 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0L04019	12/04/00	12/06/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	92.3 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	
SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0L04019	12/04/00	12/06/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	90.6 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-05D (B0L0047-11) Soil Sampled: 12/01/00 12:40 Received: 12/01/00 15:37									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0L04019	12/04/00	12/06/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	"
Toluene	ND	0.0500	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	"
Xylenes (total)	ND	0.100	"	"	"	"	"	"	"
Surrogate: 4-BFB (FID)	75.3 %	50-150			"	"	"	"	"
Surrogate: 4-BFB (PID)	93.1 %	50-150			"	"	"	"	"

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham


Reported:
 12/21/00 15:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW07 (B0L0047-01) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	0L06005	12/06/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	65.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	69.4 %	50-150			"	"	"	"	
01MW08 (B0L0047-02) Water Sampled: 12/01/00 08:40 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	0.404	0.250	mg/l	1	0L06005	12/06/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	78.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	83.2 %	50-150			"	"	"	"	
01MW09 (B0L0047-03) Water Sampled: 12/01/00 09:10 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	1.07	0.250	mg/l	1	0L06005	12/06/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	80.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.3 %	50-150			"	"	"	"	
01MW11 (B0L0047-04) Water Sampled: 12/01/00 09:30 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	0.504	0.250	mg/l	1	0L06005	12/06/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	78.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.5 %	50-150			"	"	"	"	
02MW07 (B0L0047-05) Water Sampled: 12/01/00 07:20 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	0.299	0.250	mg/l	1	0L06005	12/06/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	73.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	74.5 %	50-150			"	"	"	"	

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 Brian Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham


Reported:
 12/21/00 15:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB03B (B0L0047-07) Soil Sampled: 12/01/00 13:42 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	14700	410	mg/kg dry	41	0L05041	12/05/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	6350	1030	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-01
Surrogate: Octacosane	%	50-150			"	"	"	"	S-01
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	2010	410	mg/kg dry	41	0L05041	12/05/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	4780	1030	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-01
Surrogate: Octacosane	78.5 %	50-150			"	"	"	"	
SB-05B (B0L0047-09) Soil Sampled: 12/01/00 11:45 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0L05041	12/05/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	80.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	90.2 %	50-150			"	"	"	"	
SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	11.1	10.0	mg/kg dry	1	0L05041	12/05/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	72.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	80.8 %	50-150			"	"	"	"	
SB-05D (B0L0047-11) Soil Sampled: 12/01/00 12:40 Received: 12/01/00 15:37									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0L05041	12/05/00	12/07/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	80.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	89.4 %	50-150			"	"	"	"	

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 Amar Gill, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW07 (B0L0047-01RE1) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37 A-01									
Silver	ND	0.00100	mg/l	1	0L18028	12/18/00	12/19/00	EPA 6020	
Arsenic	0.00117	0.00100	"	"	"	"	"	"	
Beryllium	ND	0.00100	"	"	"	"	"	"	
Cadmium	ND	0.00100	"	"	"	"	"	"	
Chromium	ND	0.00100	"	"	"	"	"	"	
Copper	0.00325	0.00100	"	"	"	"	12/19/00	"	
Mercury	ND	0.00100	"	"	0L18029	12/18/00	12/19/00	EPA 7470A	
Nickel	0.00487	0.00100	"	"	0L18028	12/18/00	12/19/00	EPA 6020	
Lead	ND	0.00100	"	"	"	"	"	"	
Antimony	ND	0.00100	"	"	"	"	"	"	
Selenium	ND	0.00100	"	"	"	"	"	"	
Thallium	ND	0.00100	"	"	"	"	"	"	
Zinc	ND	0.0100	"	"	0L13033	12/13/00	12/15/00	"	
01MW07 (B0L0047-01RE2) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37									
Zinc	0.0300	0.0100	mg/l	1	0L18028	12/18/00	12/19/00	EPA 6020	
01MW08 (B0L0047-02) Water Sampled: 12/01/00 08:40 Received: 12/01/00 15:37 A-01b									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/13/00	EPA 6020	
01MW09 (B0L0047-03) Water Sampled: 12/01/00 09:10 Received: 12/01/00 15:37 A-01b									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/13/00	EPA 6020	
01MW11 (B0L0047-04) Water Sampled: 12/01/00 09:30 Received: 12/01/00 15:37 A-01b									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/14/00	EPA 6020	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
02MW07 (B0L0047-05) Water Sampled: 12/01/00 07:20 Received: 12/01/00 15:37									A-01b
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/14/00	EPA 6020	
SB03B (B0L0047-07) Soil Sampled: 12/01/00 13:42 Received: 12/01/00 15:37									
Lead	3.36	0.347	mg/kg dry	1	0L07024	12/07/00	12/09/00	EPA 6020	
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Lead	9.23	0.347	mg/kg dry	1	0L07024	12/07/00	12/09/00	EPA 6020	
SB-05B (B0L0047-09) Soil Sampled: 12/01/00 11:45 Received: 12/01/00 15:37									
Lead	5.87	0.314	mg/kg dry	1	0L07024	12/07/00	12/09/00	EPA 6020	
SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
Lead	5.59	0.325	mg/kg dry	1	0L12045	12/12/00	12/14/00	EPA 6020	
SB-05D (B0L0047-11) Soil Sampled: 12/01/00 12:40 Received: 12/01/00 15:37									
Lead	2.66	0.345	mg/kg dry	1	0L12045	12/12/00	12/14/00	EPA 6020	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
01MW07 (B0L0047-01) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37										
Acetone	ND	10.0		ug/l	1	0L15004	12/14/00	12/14/00	EPA 8260B	
Benzene	ND	1.00		"	"	"	"	"	"	
Bromobenzene	ND	1.00		"	"	"	"	"	"	
Bromochloromethane	ND	1.00		"	"	"	"	"	"	
Bromodichloromethane	ND	1.00		"	"	"	"	"	"	
Bromoform	ND	1.00		"	"	"	"	"	"	
Bromomethane	ND	1.00		"	"	"	"	"	"	
2-Butanone	ND	10.0		"	"	"	"	"	"	
n-Butylbenzene	ND	1.00		"	"	"	"	"	"	
sec-Butylbenzene	ND	1.00		"	"	"	"	"	"	
tert-Butylbenzene	ND	1.00		"	"	"	"	"	"	
Carbon disulfide	ND	1.00		"	"	"	"	"	"	
Carbon tetrachloride	ND	1.00		"	"	"	"	"	"	
Chlorobenzene	ND	1.00		"	"	"	"	"	"	
Chloroethane	ND	1.00		"	"	"	"	"	"	
Chloroform	ND	1.00		"	"	"	"	"	"	
Chloromethane	ND	5.00		"	"	"	"	"	"	
2-Chlorotoluene	ND	1.00		"	"	"	"	"	"	
4-Chlorotoluene	ND	1.00		"	"	"	"	"	"	
Dibromochloromethane	ND	1.00		"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.00		"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00		"	"	"	"	"	"	
Dibromomethane	ND	1.00		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.00		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.00		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.00		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.00		"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.00		"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.00		"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.00		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.00		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.00		"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.00		"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.00		"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.00		"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.00		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.00		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.00		"	"	"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW07 (BOL0047-01) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37									
Ethylbenzene	ND	1.00	ug/l	1	0L15004	12/14/00	12/14/00	EPA 8260B	
Hexachlorobutadiene	ND	1.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.00	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.00	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Naphthalene	ND	1.00	"	"	"	"	"	"	
n-Propylbenzene	ND	1.00	"	"	"	"	"	"	
Styrene	ND	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.00	"	"	"	"	"	"	
Tetrachloroethene	ND	1.00	"	"	"	"	"	"	
Toluene	ND	1.00	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	2.00	"	"	"	"	"	"	
o-Xylene	ND	1.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	104 %	60-130			"	"	"	"	
Surrogate: Toluene-d8	96.3 %	80-120			"	"	"	"	
Surrogate: 4-BFB	103 %	80-120			"	"	"	"	

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 425.420.9200 fax 425.420.9210
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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TRIP BLANK (BOL0047-06) Water Sampled: 12/01/00 07:15 Received: 12/01/00 15:37									
Acetone	ND	10.0	ug/l	1	0L15004	12/14/00	12/14/00	EPA 8260B	
Benzene	ND	1.00	"	"	"	"	"	"	
Bromobenzene	ND	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	1.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.00	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.00	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.00	"	"	"	"	"	"	
Carbon disulfide	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.00	"	"	"	"	"	"	
Chlorobenzene	ND	1.00	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	1.00	"	"	"	"	"	"	
Chloromethane	ND	5.00	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.00	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Dibromomethane	ND	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
TRIP BLANK (BOL0047-06) Water Sampled: 12/01/00 07:15 Received: 12/01/00 15:37										
Ethylbenzene	ND	1.00		ug/l	1	0L15004	12/14/00	12/14/00	EPA 8260B	
Hexachlorobutadiene	ND	1.00		"	"	"	"	"	"	
2-Hexanone	ND	10.0		"	"	"	"	"	"	
Isopropylbenzene	ND	1.00		"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.00		"	"	"	"	"	"	
Methylene chloride	ND	5.00		"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0		"	"	"	"	"	"	
Naphthalene	ND	1.00		"	"	"	"	"	"	
n-Propylbenzene	ND	1.00		"	"	"	"	"	"	
Styrene	ND	1.00		"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.00		"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.00		"	"	"	"	"	"	
Tetrachloroethene	ND	1.00		"	"	"	"	"	"	
Toluene	ND	1.00		"	"	"	"	"	"	
1,3-Trichlorobenzene	ND	1.00		"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.00		"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.00		"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.00		"	"	"	"	"	"	
Trichloroethene	ND	1.00		"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.00		"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.00		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.00		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.00		"	"	"	"	"	"	
Vinyl chloride	ND	1.00		"	"	"	"	"	"	
m,p-Xylene	ND	2.00		"	"	"	"	"	"	
o-Xylene	ND	1.00		"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	102 %	60-130				"	"	"	"	
Surrogate: Toluene-d8	96.0 %	80-120				"	"	"	"	
Surrogate: 4-BFB	102 %	80-120				"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW07 (B0L0047-01) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37									
Acenaphthene	ND	10.0	ug/l	1	0L06018	12/06/00	12/09/00	EPA 8270C	
Acenaphthylene	ND	10.0	"	"	"	"	"	"	
Aniline	ND	10.0	"	"	"	"	"	"	
Anthracene	ND	10.0	"	"	"	"	"	"	
Benzoic Acid	ND	20.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	10.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	10.0	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	10.0	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	10.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10.0	"	"	"	"	"	"	
Benzyl alcohol	ND	10.0	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	10.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10.0	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	10.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	50.0	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	10.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	10.0	"	"	"	"	"	"	
Carbazole	ND	10.0	"	"	"	"	"	"	
4-Chloroaniline	ND	10.0	"	"	"	"	"	"	
2-Chloronaphthalene	ND	10.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	10.0	"	"	"	"	"	"	
2-Chlorophenol	ND	10.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10.0	"	"	"	"	"	"	
Chrysene	ND	10.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	10.0	"	"	"	"	"	"	
Dibenzofuran	ND	10.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	10.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	10.0	"	"	"	"	"	"	
Diethyl phthalate	ND	10.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10.0	"	"	"	"	"	"	
Dimethyl phthalate	ND	10.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	20.0	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	10.0	"	"	"	"	"	"	

North Creek Analytical - Bothell

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 Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW07 (B0L0047-01) Water Sampled: 12/01/00 07:50 Received: 12/01/00 15:37									
2,6-Dinitrotoluene	ND	10.0	ug/l	1	0L06018	12/06/00	12/09/00	EPA 8270C	
Di-n-octyl phthalate	ND	10.0	"	"	"	"	"	"	
Fluoranthene	ND	10.0	"	"	"	"	"	"	
Fluorene	ND	10.0	"	"	"	"	"	"	
Hexachlorobenzene	ND	10.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	10.0	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10.0	"	"	"	"	"	"	
Hexachloroethane	ND	10.0	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10.0	"	"	"	"	"	"	
Isophorone	ND	10.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10.0	"	"	"	"	"	"	
2-Methylphenol	ND	10.0	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	10.0	"	"	"	"	"	"	
1-Methylphenol	ND	10.0	"	"	"	"	"	"	
1-Nitroaniline	ND	10.0	"	"	"	"	"	"	
3-Nitroaniline	ND	10.0	"	"	"	"	"	"	
4-Nitroaniline	ND	10.0	"	"	"	"	"	"	
Nitrobenzene	ND	10.0	"	"	"	"	"	"	
2-Nitrophenol	ND	10.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	10.0	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Phenanthrene	ND	10.0	"	"	"	"	"	"	
Phenol	ND	10.0	"	"	"	"	"	"	
Pyrene	ND	10.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10.0	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
Surrogate: 2-FP	26.5 %	10-108			"	"	"	"	
Surrogate: Phenol-d6	35.8 %	10-126			"	"	"	"	
Surrogate: 2,4,6-TBP	21.4 %	15-145			"	"	"	"	
Surrogate: Nitrobenzene-d5	91.5 %	31-116			"	"	"	"	
Surrogate: 2-FBP	99.6 %	28-120			"	"	"	"	
Surrogate: p-Terphenyl-d14	119 %	50-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB03B (B0L0047-07) Soil Sampled: 12/01/00 13:42 Received: 12/01/00 15:37									
Pentachlorophenol	ND	0.500	mg/kg dry	10	0L04010	12/04/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	68.5 %	30-150			"	"	"	"	
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Pentachlorophenol	ND	1.25	mg/kg dry	10	0L04010	12/04/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	61.0 %	30-150			"	"	"	"	
SB-05B (B0L0047-09) Soil Sampled: 12/01/00 11:45 Received: 12/01/00 15:37									
Pentachlorophenol	0.0761	0.0500	mg/kg dry	1	0L04010	12/04/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	74.9 %	30-150			"	"	"	"	
SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
Pentachlorophenol	0.264	0.100	mg/kg dry	2	0L04010	12/04/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	76.8 %	30-150			"	"	"	"	
SB-05D (B0L0047-11) Soil Sampled: 12/01/00 12:40 Received: 12/01/00 15:37									
Pentachlorophenol	0.0981	0.0500	mg/kg dry	1	0L04010	12/04/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	96.0 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB03B (B0L0047-07) Soil Sampled: 12/01/00 13:42 Received: 12/01/00 15:37									
Acenaphthene	3.20	0.100	mg/kg dry	10	0L04010	12/04/00	12/05/00	GCMS-SIM	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	2.91	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	1.21	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	0.822	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.399	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.647	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Chrysene	1.29	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.00	"	100	"	"	12/05/00	"	
Fluoranthene	2.21	0.100	"	10	"	"	12/05/00	"	
Fluorene	8.70	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.255	0.100	"	"	"	"	"	"	
Naphthalene	43.7	1.00	"	100	"	"	12/05/00	"	
Phenanthrene	21.1	1.00	"	"	"	"	"	"	
Pyrene	10.8	0.100	"	10	"	"	12/05/00	"	
Surrogate: 2-FBP	76.0 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	169 %	10-136			"	"	"	"	S-03
Surrogate: p-Terphenyl-d14	101 %	30-150			"	"	"	"	
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Acenaphthene	ND	0.250	mg/kg dry	10	0L04010	12/04/00	12/06/00	GCMS-SIM	
Acenaphthylene	ND	0.250	"	"	"	"	"	"	
Anthracene	ND	0.250	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.250	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.250	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.250	"	"	"	"	"	"	
Benzo (ghi) perylene	1.72	0.250	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.250	"	"	"	"	"	"	
Chrysene	ND	0.250	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.250	"	"	"	"	"	"	
Fluoranthene	ND	0.250	"	"	"	"	"	"	
Fluorene	ND	0.250	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.328	0.250	"	"	"	"	"	"	
Naphthalene	ND	0.250	"	"	"	"	"	"	
Phenanthrene	ND	0.250	"	"	"	"	"	"	
Pyrene	ND	0.250	"	"	"	"	"	"	
Surrogate: 2-FBP	74.1 %	13-140			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported:
 12/21/00 15:55

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Surrogate: Nitrobenzene-d5	72.2 %	10-136			0L04010	12/04/00	12/06/00	GCMS-SIM	
Surrogate: p-Terphenyl-d14	108 %	30-150			"	"	"	"	

SB-05B (B0L0047-09) Soil Sampled: 12/01/00 11:45 Received: 12/01/00 15:37									
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Acenaphthene	ND	0.0100	mg/kg dry	1	0L04010	12/04/00	12/05/00	GCMS-SIM	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.117	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	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	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	ND	0.0100	"	"	"	"	"	"	
Pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	72.0 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	92.8 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	105 %	30-150			"	"	"	"	

SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
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Acenaphthene	ND	0.0200	mg/kg dry	2	0L04010	12/04/00	12/05/00	GCMS-SIM	
Acenaphthylene	ND	0.0200	"	"	"	"	"	"	
Anthracene	ND	0.0200	"	"	"	"	"	"	
Benzo (a) anthracene	0.0342	0.0200	"	"	"	"	"	"	
Benzo (a) pyrene	0.0505	0.0200	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.0749	0.0200	"	"	"	"	"	"	
Benzo (ghi) perylene	0.0456	0.0200	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.0260	0.0200	"	"	"	"	"	"	
Chrysene	0.0651	0.0200	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0200	"	"	"	"	"	"	
Fluoranthene	0.122	0.0200	"	"	"	"	"	"	
Fluorene	ND	0.0200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.0472	0.0200	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
Naphthalene	ND	0.0200	mg/kg dry	2	0L04010	12/04/00	12/05/00	GCMS-SIM	
Phenanthrene	0.0960	0.0200	"	"	"	"	"	"	
Pyrene	0.0960	0.0200	"	"	"	"	"	"	
Surrogate: 2-FBP	67.5 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	80.3 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	101 %	30-150			"	"	"	"	
SB-05D (B0L0047-11) Soil Sampled: 12/01/00 12:40 Received: 12/01/00 15:37									
Acenaphthene	ND	0.0100	mg/kg dry	1	0L04010	12/04/00	12/05/00	GCMS-SIM	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.0107	0.0100	"	"	"	"	"	"	
zo (b) fluoranthene	0.0152	0.0100	"	"	"	"	"	"	
zo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	0.0143	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	0.0303	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.0107	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	0.0312	0.0100	"	"	"	"	"	"	
Pyrene	0.0232	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	83.9 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	104 %	10-136			"	"	"	"	
Surrogate: p-Terphenyl-d14	122 %	30-150			"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB03B (B0L0047-07) Soil Sampled: 12/01/00 13:42 Received: 12/01/00 15:37									
Dry Weight	83.5	1.00	%	1	0L04036	12/04/00	12/05/00	BSOPSPL003R07	
SB-03A (B0L0047-08) Soil Sampled: 12/01/00 14:10 Received: 12/01/00 15:37									
Dry Weight	81.2	1.00	%	1	0L04036	12/04/00	12/05/00	BSOPSPL003R07	
SB-05B (B0L0047-09) Soil Sampled: 12/01/00 11:45 Received: 12/01/00 15:37									
Dry Weight	80.6	1.00	%	1	0L04036	12/04/00	12/05/00	BSOPSPL003R07	
SB-05C (B0L0047-10) Soil Sampled: 12/01/00 12:10 Received: 12/01/00 15:37									
Dry Weight	81.9	1.00	%	1	0L04037	12/04/00	12/05/00	BSOPSPL003R07	
SB-05D (B0L0047-11) Soil Sampled: 12/01/00 12:40 Received: 12/01/00 15:37									
Dry Weight	74.8	1.00	%	1	0L04037	12/04/00	12/05/00	BSOPSPL003R07	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L04019: Prepared 12/04/00 Using EPA 5030B (MeOH)										
Blank (0L04019-BLK1)										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	4.31		"	4.00		108	50-150			
Surrogate: 4-BFB (PID)	4.63		"	4.00		116	50-150			
LCS (0L04019-BS1)										
Gasoline Range Hydrocarbons	21.9	5.00	mg/kg wet	25.0		87.6	70-130			
Surrogate: 4-BFB (FID)	4.19		"	4.00		105	50-150			
Duplicate (0L04019-DUP1) Source: B0K0612-07										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			121	50	Q-05
Surrogate: 4-BFB (FID)	4.19		"	4.28		97.9	50-150			
Duplicate (0L04019-DUP2) Source: B0K0684-05										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			31.5	50	
Surrogate: 4-BFB (FID)	4.38		"	4.37		100	50-150			
Matrix Spike (0L04019-MS1) Source: B0L0027-01										
Benzene	0.458	0.0500	mg/kg dry	0.531	ND	82.7	60-140			
Toluene	0.472	0.0500	"	0.531	ND	86.2	60-140			
Ethylbenzene	0.489	0.0500	"	0.531	ND	91.1	60-140			
Xylenes (total)	1.51	0.100	"	1.59	ND	93.3	60-140			
Surrogate: 4-BFB (PID)	4.17		"	4.25		98.1	50-150			
Matrix Spike Dup (0L04019-MSD1) Source: B0L0027-01										
Benzene	0.469	0.0500	mg/kg dry	0.531	ND	84.8	60-140	2.37	20	
Toluene	0.487	0.0500	"	0.531	ND	89.0	60-140	3.13	20	
Ethylbenzene	0.496	0.0500	"	0.531	ND	92.4	60-140	1.42	20	
Xylenes (total)	1.50	0.100	"	1.59	ND	92.7	60-140	0.664	20	
Surrogate: 4-BFB (PID)	4.18		"	4.25		98.4	50-150			

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L07039: Prepared 12/07/00 Using EPA 5030B (P/T)

Blank (0L07039-BLK1)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	46.5		"	48.0		96.9	50-150			
Surrogate: 4-BFB (PID)	53.6		"	48.0		112	50-150			

Blank (0L07039-BLK2)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	53.9		"	48.0		112	50-150			
Surrogate: 4-BFB (PID)	52.9		"	48.0		110	50-150			

LCS (0L07039-BS1)

Gasoline Range Hydrocarbons	454	50.0	ug/l	500		90.8	70-130			
Surrogate: 4-BFB (FID)	54.4		"	48.0		113	50-150			

LCS (0L07039-BS2)

Gasoline Range Hydrocarbons	504	50.0	ug/l	500		101	70-130			
Surrogate: 4-BFB (FID)	59.9		"	48.0		125	50-150			

Duplicate (0L07039-DUP1)

Source: B0L0040-02

Gasoline Range Hydrocarbons	ND	50.0	ug/l		ND				25	
Surrogate: 4-BFB (FID)	52.9		"	48.0		110	50-150			

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/21/00 15:55
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
Batch 0L07039: Prepared 12/07/00 Using EPA 5030B (P/T)										
Duplicate (0L07039-DUP2) Source: B0L0040-03										
Gasoline Range Hydrocarbons	ND	50.0	ug/l		ND				25	
Surrogate: 4-BFB (FID)	50.4		"	48.0		105	50-150			
Matrix Spike (0L07039-MS1) Source: B0L0047-02										
Benzene	9.71	0.500	ug/l	10.0	ND	93.3	70-130			
Toluene	9.95	0.500	"	10.0	ND	97.8	70-130			
Ethylbenzene	10.6	0.500	"	10.0	ND	106	70-130			
Xylenes (total)	31.5	1.00	"	30.0	ND	104	70-130			
Surrogate: 4-BFB (PID)	51.7		"	48.0		108	50-150			
Matrix Spike Dup (0L07039-MSD1) Source: B0L0047-02										
Benzene	9.83	0.500	ug/l	10.0	ND	94.4	70-130	1.23	15	
ene	10.1	0.500	"	10.0	ND	99.4	70-130	1.50	15	
lbenzene	10.7	0.500	"	10.0	ND	107	70-130	0.939	15	
Xylenes (total)	31.9	1.00	"	30.0	ND	105	70-130	1.26	15	
Surrogate: 4-BFB (PID)	52.9		"	48.0		110	50-150			

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/21/00 15:55
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**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L05041: Prepared 12/05/00 Using EPA 3550B

Blank (0L05041-BLK1)

Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	8.66		"	10.7		80.9	50-150			
Surrogate: Octacosane	8.96		"	10.7		83.7	50-150			

LCS (0L05041-BS1)

Diesel Range Hydrocarbons	66.7	10.0	mg/kg wet	66.7		100	60-140			
Surrogate: 2-FBP	7.95		"	10.7		74.3	50-150			

Duplicate (0L05041-DUP1)

Source: B0L0057-01

Diesel Range Hydrocarbons	99.3	10.0	mg/kg dry		98.5			0.809	50	
Lube Oil Range Hydrocarbons	81.8	25.0	"		91.3			11.0	50	
Surrogate: 2-FBP	9.22		"	12.6		73.2	50-150			
Surrogate: Octacosane	9.98		"	12.6		79.2	50-150			

Duplicate (0L05041-DUP2)

Source: B0L0060-02

Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND			0.451	50	
Lube Oil Range Hydrocarbons	ND	25.0	"		28.7			19.9	50	
Surrogate: 2-FBP	7.82		"	12.9		60.6	50-150			
Surrogate: Octacosane	9.05		"	12.9		70.2	50-150			

Batch 0L06005: Prepared 12/06/00 Using EPA 3510C/600 Series

Blank (0L06005-BLK1)

Diesel Range Hydrocarbons	ND	0.250	mg/l							
Lube Oil Range Hydrocarbons	ND	0.500	"							
Surrogate: 2-FBP	0.226		"	0.320		70.6	50-150			
Surrogate: Octacosane	0.239		"	0.320		74.7	50-150			

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
Batch 0L06005: Prepared 12/06/00 Using EPA 3510C/600 Series										
LCS (0L06005-BS1)										
Diesel Range Hydrocarbons	1.62	0.250	mg/l	2.00		81.0	60-140			
Surrogate: 2-FBP	0.219		"	0.320		68.4	50-150			
LCS Dup (0L06005-BSD1)										
Diesel Range Hydrocarbons	1.57	0.250	mg/l	2.00		78.5	60-140	3.13	40	
Surrogate: 2-FBP	0.235		"	0.320		73.4	50-150			

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
Batch 0L07024: Prepared 12/07/00 Using EPA 3050B										
Blank (0L07024-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0L07024-BS1)										
Lead	23.7	0.500	mg/kg wet	25.0		94.8	80-120			
Matrix Spike (0L07024-MS1) Source: B0L0019-09										
Lead	22.4	0.321	mg/kg dry	19.6	2.93	99.3	70-130			
Matrix Spike Dup (0L07024-MSD1) Source: B0L0019-09										
Lead	21.3	0.338	mg/kg dry	20.6	2.93	89.2	70-130	5.03	20	
Batch 0L11028: Prepared 12/11/00 Using EPA 7470A										
Blank (0L11028-BLK1)										
Mercury	ND	0.00100	mg/l							
LCS (0L11028-BS1)										
Mercury	0.00451	0.00100	mg/l	0.00500		90.2	70-130			
Matrix Spike (0L11028-MS1) Source: B0L0049-05										
Mercury	0.00482	0.00100	mg/l	0.00500	ND	96.4	75-125			
Matrix Spike Dup (0L11028-MSD1) Source: B0L0049-05										
Mercury	0.00479	0.00100	mg/l	0.00500	ND	95.8	75-125	0.624	20	
Batch 0L11052: Prepared 12/11/00 Using EPA 3020A										
Blank (0L11052-BLK1)										
Antimony	ND	0.00100	mg/l							
Arsenic	ND	0.00100	"							
Beryllium	ND	0.00100	"							
Cadmium	ND	0.00100	"							
Chromium	ND	0.00100	"							
Copper	ND	0.00100	"							
Lead	ND	0.00100	"							
Nickel	ND	0.00100	"							
Selenium	ND	0.00100	"							
Silver	ND	0.00100	"							
Thallium	ND	0.00100	"							

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L11052: Prepared 12/11/00 Using EPA 3020A										
Blank (0L11052-BLK1)										
Zinc	0.0453	0.0100	mg/l							
LCS (0L11052-BS1)										
Antimony	0.187	0.00100	mg/l	0.200		93.5	80-120			
Arsenic	0.197	0.00100	"	0.200		98.5	80-120			
Beryllium	0.198	0.00100	"	0.200		99.0	80-120			
Cadmium	0.192	0.00100	"	0.200		96.0	80-120			
Chromium	0.209	0.00100	"	0.200		105	80-120			
Copper	0.188	0.00100	"	0.200		94.0	80-120			
Lead	0.193	0.00100	"	0.200		96.5	80-120			
Nickel	0.196	0.00100	"	0.200		98.0	80-120			
Selenium	0.202	0.00100	"	0.200		101	80-120			
Mercury	0.194	0.00100	"	0.200		97.0	40-140			
Thallium	0.201	0.00100	"	0.200		101	80-120			
Zinc	0.183	0.0100	"	0.200		91.5	80-120			
Matrix Spike (0L11052-MS1) Source: BOL0049-05										
Antimony	0.198	0.00100	mg/l	0.200	0.00211	97.9	75-125			
Arsenic	0.201	0.00100	"	0.200	0.00179	99.6	75-125			
Beryllium	0.191	0.00100	"	0.200	ND	95.5	75-125			
Cadmium	0.440	0.00200	"	0.200	0.239	101	75-125			
Chromium	0.203	0.00100	"	0.200	ND	101	75-125			
Copper	0.183	0.00100	"	0.200	0.00226	90.4	75-125			
Lead	0.195	0.00100	"	0.200	ND	97.1	75-125			
Nickel	0.206	0.00100	"	0.200	0.0167	94.6	75-125			
Selenium	0.206	0.00100	"	0.200	ND	103	75-125			
Silver	0.191	0.00100	"	0.200	ND	95.5	40-140			
Thallium	0.208	0.00100	"	0.200	ND	104	75-125			
Zinc	5.02	0.200	"	0.200	4.96	30.0	75-125			

Q-01

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L11052: Prepared 12/11/00 Using EPA 3020A										
Matrix Spike Dup (0L11052-MSD1)					Source: B0L0049-05					
Antimony	0.199	0.00100	mg/l	0.200	0.00211	98.4	75-125	0.504	20	
Arsenic	0.200	0.00100	"	0.200	0.00179	99.1	75-125	0.499	20	
Beryllium	0.192	0.00100	"	0.200	ND	96.0	75-125	0.522	20	
Cadmium	0.439	0.00200	"	0.200	0.239	100	75-125	0.228	20	
Chromium	0.200	0.00100	"	0.200	ND	100	75-125	1.49	20	
Copper	0.183	0.00100	"	0.200	0.00226	90.4	75-125	0	20	
Lead	0.203	0.00100	"	0.200	ND	101	75-125	4.02	20	
Nickel	0.207	0.00100	"	0.200	0.0167	95.1	75-125	0.484	20	
Selenium	0.205	0.00100	"	0.200	ND	102	75-125	0.487	20	
Silver	0.188	0.00100	"	0.200	ND	94.0	40-140	1.58	50	
Thallium	0.209	0.00100	"	0.200	ND	104	75-125	0.480	20	
Zinc	5.13	0.200	"	0.200	4.96	85.0	75-125	2.17	20	

Batch 0L12014: Prepared 12/12/00 Using EPA 3020A

Blank (0L12014-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (0L12014-BS1)										
Lead	0.191	0.00100	mg/l	0.200		95.5	80-120			
Matrix Spike (0L12014-MS1)					Source: B0L0028-02					
Lead	0.203	0.00100	mg/l	0.200	ND	101	75-125			
Matrix Spike Dup (0L12014-MSD1)					Source: B0L0028-02					
Lead	0.192	0.00100	mg/l	0.200	ND	95.9	75-125	5.57	20	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L12045: Prepared 12/12/00 Using EPA 3050B										
Blank (0L12045-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0L12045-BS1)										
Lead	21.0	0.500	mg/kg wet	25.0		84.0	80-120			
Matrix Spike (0L12045-MS1) Source: B0L0047-10										
Lead	24.6	0.312	mg/kg dry	19.1	5.59	99.5	70-130			
Matrix Spike Dup (0L12045-MSD1) Source: B0L0047-10										
Lead	24.6	0.338	mg/kg dry	20.6	5.59	92.3	70-130	0	20	
Batch 0L13033: Prepared 12/13/00 Using EPA 3020A										
Blank (0L13033-BLK1)										
	ND	0.0100	mg/l							
LCS (0L13033-BS1)										
Zinc	0.200	0.0100	mg/l	0.200		100	80-120			
Matrix Spike (0L13033-MS1) Source: B0L0269-01										
Zinc	0.206	0.0100	mg/l	0.200	ND	101	75-125			
Matrix Spike Dup (0L13033-MSD1) Source: B0L0269-01										
Zinc	0.200	0.0100	mg/l	0.200	ND	97.8	75-125	2.96	20	
Batch 0L18028: Prepared 12/18/00 Using EPA 3020A										
Blank (0L18028-BLK1)										
Antimony	ND	0.00100	mg/l							
Arsenic	ND	0.00100	"							
Beryllium	ND	0.00100	"							
Cadmium	ND	0.00100	"							
Chromium	ND	0.00100	"							
Copper	ND	0.00100	"							
Lead	ND	0.00100	"							
Nickel	ND	0.00100	"							
Selenium	ND	0.00100	"							
Silver	ND	0.00100	"							
Thallium	ND	0.00100	"							

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
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Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L18028: Prepared 12/18/00 Using EPA 3020A

Blank (0L18028-BLK1)

Zinc	ND	0.0100	mg/l							
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LCS (0L18028-BS1)

Antimony	0.212	0.00100	mg/l	0.200		106	80-120			
Arsenic	0.200	0.00100	"	0.200		100	80-120			
Beryllium	0.206	0.00100	"	0.200		103	80-120			
Cadmium	0.206	0.00100	"	0.200		103	80-120			
Chromium	0.205	0.00100	"	0.200		102	80-120			
Copper	0.210	0.00100	"	0.200		105	80-120			
Lead	0.211	0.00100	"	0.200		105	80-120			
Nickel	0.210	0.00100	"	0.200		105	80-120			
Selenium	0.197	0.00100	"	0.200		98.5	80-120			
Silver	0.207	0.00100	"	0.200		103	40-140			
Thallium	0.209	0.00100	"	0.200		105	80-120			
Zinc	0.213	0.0100	"	0.200		106	80-120			

Matrix Spike (0L18028-MS1)

Source: B0L0047-01RE1

Antimony	0.216	0.00100	mg/l	0.200	ND	108	75-125			
Arsenic	0.202	0.00100	"	0.200	0.00117	100	75-125			
Beryllium	0.203	0.00100	"	0.200	ND	101	75-125			
Cadmium	0.204	0.00100	"	0.200	ND	102	75-125			
Chromium	0.204	0.00100	"	0.200	ND	102	75-125			
Copper	0.197	0.00100	"	0.200	0.00325	96.9	75-125			
Lead	0.214	0.00100	"	0.200	ND	107	75-125			
Nickel	0.200	0.00100	"	0.200	0.00487	97.6	75-125			
Selenium	0.193	0.00100	"	0.200	ND	96.1	75-125			
Silver	0.0809	0.00100	"	0.200	ND	40.4	40-140			
Thallium	0.215	0.00100	"	0.200	ND	108	75-125			
Zinc	0.225	0.0100	"	0.200	0.0300	97.5	75-125			

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L18028: Prepared 12/18/00 Using EPA 3020A

Matrix Spike Dup (0L18028-MSD1)				Source: B0L0047-01RE1						
Antimony	0.215	0.00100	mg/l	0.200	ND	108	75-125	0.464	20	
Arsenic	0.199	0.00100	"	0.200	0.00117	98.9	75-125	1.50	20	
Beryllium	0.202	0.00100	"	0.200	ND	101	75-125	0.494	20	
Cadmium	0.197	0.00100	"	0.200	ND	98.5	75-125	3.49	20	
Chromium	0.197	0.00100	"	0.200	ND	98.1	75-125	3.49	20	
Copper	0.192	0.00100	"	0.200	0.00325	94.4	75-125	2.57	20	
Lead	0.209	0.00100	"	0.200	ND	104	75-125	2.36	20	
Nickel	0.192	0.00100	"	0.200	0.00487	93.6	75-125	4.08	20	
Selenium	0.193	0.00100	"	0.200	ND	96.1	75-125	0	20	
Silver	0.122	0.00100	"	0.200	ND	61.0	40-140	40.5	50	
Thallium	0.210	0.00100	"	0.200	ND	105	75-125	2.35	20	
	0.219	0.0100	"	0.200	0.0300	94.5	75-125	2.70	20	

Batch 0L18029: Prepared 12/18/00 Using EPA 7470A

Blank (0L18029-BLK1)			
Mercury	ND	0.00100	mg/l

LCS (0L18029-BS1)						
Mercury	0.00511	0.00100	mg/l	0.00500	102	70-130

Matrix Spike (0L18029-MS1)				Source: B0L0047-01RE1		
Mercury	0.00480	0.00100	mg/l	0.00500	ND	96.0 75-125

Matrix Spike Dup (0L18029-MSD1)				Source: B0L0047-01RE1		
Mercury	0.00483	0.00100	mg/l	0.00500	ND	96.6 75-125 0.623 20

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L15004: Prepared 12/14/00 Using EPA 5030B [P/T]										
Blank (0L15004-BLK1)										
Acetone	ND	10.0	ug/l							
Benzene	ND	1.00	"							
Bromobenzene	ND	1.00	"							
Bromochloromethane	ND	1.00	"							
Bromodichloromethane	ND	1.00	"							
Bromoform	ND	1.00	"							
Bromomethane	ND	1.00	"							
2-Butanone	ND	10.0	"							
n-Butylbenzene	ND	1.00	"							
sec-Butylbenzene	ND	1.00	"							
tert-Butylbenzene	ND	1.00	"							
Carbon disulfide	ND	1.00	"							
Carbon tetrachloride	ND	1.00	"							
Chlorobenzene	ND	1.00	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	1.00	"							
Chloromethane	ND	5.00	"							
2-Chlorotoluene	ND	1.00	"							
4-Chlorotoluene	ND	1.00	"							
Dibromochloromethane	ND	1.00	"							
1,2-Dibromo-3-chloropropane	ND	5.00	"							
1,2-Dibromoethane	ND	1.00	"							
Dibromomethane	ND	1.00	"							
1,2-Dichlorobenzene	ND	1.00	"							
1,3-Dichlorobenzene	ND	1.00	"							
1,4-Dichlorobenzene	ND	1.00	"							
Dichlorodifluoromethane	ND	1.00	"							
1,1-Dichloroethane	ND	1.00	"							
1,2-Dichloroethane	ND	1.00	"							
1,1-Dichloroethene	ND	1.00	"							
cis-1,2-Dichloroethene	ND	1.00	"							
trans-1,2-Dichloroethene	ND	1.00	"							
1,2-Dichloropropane	ND	1.00	"							
1,3-Dichloropropane	ND	1.00	"							

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L15004: Prepared 12/14/00 Using EPA 5030B [P/T]										
Blank (0L15004-BLK1)										
2,2-Dichloropropane	ND	1.00	ug/l							
1,1-Dichloropropene	ND	1.00	"							
cis-1,3-Dichloropropene	ND	1.00	"							
trans-1,3-Dichloropropene	ND	1.00	"							
Ethylbenzene	ND	1.00	"							
Hexachlorobutadiene	ND	1.00	"							
2-Hexanone	ND	10.0	"							
Isopropylbenzene	ND	1.00	"							
p-Isopropyltoluene	ND	1.00	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
o-Xylenes	ND	1.00	"							
m-Xylenes	ND	1.00	"							
Styrene	ND	1.00	"							
1,1,1,2-Tetrachloroethane	ND	1.00	"							
1,1,2,2-Tetrachloroethane	ND	1.00	"							
Tetrachloroethene	ND	1.00	"							
Toluene	ND	1.00	"							
1,2,3-Trichlorobenzene	ND	1.00	"							
1,2,4-Trichlorobenzene	ND	1.00	"							
1,1,1-Trichloroethane	ND	1.00	"							
1,1,2-Trichloroethane	ND	1.00	"							
Trichloroethene	ND	1.00	"							
Trichlorofluoromethane	ND	1.00	"							
1,2,3-Trichloropropane	ND	1.00	"							
1,2,4-Trimethylbenzene	ND	1.00	"							
1,3,5-Trimethylbenzene	ND	1.00	"							
Vinyl chloride	ND	1.00	"							
m,p-Xylene	ND	2.00	"							
o-Xylene	ND	1.00	"							
Surrogate: 1,2-DCA-d4	40.7		"	40.0		102	60-130			
Surrogate: Toluene-d8	38.2		"	40.0		95.5	80-120			
Surrogate: 4-BFB	40.1		"	40.0		100	80-120			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L15004: Prepared 12/14/00 Using EPA 5030B [P/T]

LCS (0L15004-BS1)

Benzene	19.1	1.00	ug/l	20.0		95.5	80-130			
Chlorobenzene	18.6	1.00	"	20.0		93.0	80-120			
1,1-Dichloroethene	20.0	1.00	"	20.0		100	60-140			
Toluene	18.1	1.00	"	20.0		90.5	70-130			
Trichloroethene	19.5	1.00	"	20.0		97.5	70-130			
Surrogate: 1,2-DCA-d4	41.9		"	40.0		105	60-130			
Surrogate: Toluene-d8	38.6		"	40.0		96.5	80-120			
Surrogate: 4-BFB	39.8		"	40.0		99.5	80-120			

Matrix Spike (0L15004-MS1)

Source: B0L0132-01

Benzene	20.2	1.00	ug/l	20.0	ND	101	80-130			
Chlorobenzene	18.4	1.00	"	20.0	ND	92.0	80-120			
1,1-Dichloroethene	20.4	1.00	"	20.0	ND	102	60-140			
Toluene	18.9	1.00	"	20.0	ND	94.5	70-130			
Trichloroethene	20.3	1.00	"	20.0	ND	101	70-130			
Surrogate: 1,2-DCA-d4	41.3		"	40.0		103	60-130			
Surrogate: Toluene-d8	38.2		"	40.0		95.5	80-120			
Surrogate: 4-BFB	40.3		"	40.0		101	80-120			

Matrix Spike Dup (0L15004-MSD1)

Source: B0L0132-01

Benzene	20.1	1.00	ug/l	20.0	ND	101	80-130	0.496	20	
Chlorobenzene	18.6	1.00	"	20.0	ND	93.0	80-120	1.08	15	
1,1-Dichloroethene	20.8	1.00	"	20.0	ND	104	60-140	1.94	30	
Toluene	19.1	1.00	"	20.0	ND	95.5	70-130	1.05	20	
Trichloroethene	20.3	1.00	"	20.0	ND	101	70-130	0	20	
Surrogate: 1,2-DCA-d4	41.1		"	40.0		103	60-130			
Surrogate: Toluene-d8	38.4		"	40.0		96.0	80-120			
Surrogate: 4-BFB	40.2		"	40.0		101	80-120			

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/21/00 15:55
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0L06018: Prepared 12/06/00 Using EPA 3520C/600 Series

Blank (0L06018-BLK1)

Acenaphthene	ND	10.0	ug/l
Acenaphthylene	ND	10.0	"
Aniline	ND	10.0	"
Anthracene	ND	10.0	"
Benzoic Acid	ND	20.0	"
Benzo (a) anthracene	ND	10.0	"
Benzo (b) fluoranthene	ND	10.0	"
Benzo (k) fluoranthene	ND	10.0	"
Benzo (ghi) perylene	ND	10.0	"
Benzo (a) pyrene	ND	10.0	"
Benzyl alcohol	ND	10.0	"
1,2-dichloroethoxy)methane	ND	10.0	"
1,2-dichloroethyl)ether	ND	10.0	"
Bis(2-chloroisopropyl)ether	ND	10.0	"
Bis(2-ethylhexyl)phthalate	ND	50.0	"
4-Bromophenyl phenyl ether	ND	10.0	"
Butyl benzyl phthalate	ND	10.0	"
Carbazole	ND	10.0	"
4-Chloroaniline	ND	10.0	"
2-Chloronaphthalene	ND	10.0	"
4-Chloro-3-methylphenol	ND	10.0	"
2-Chlorophenol	ND	10.0	"
4-Chlorophenyl phenyl ether	ND	10.0	"
Chrysene	ND	10.0	"
Dibenz (a,h) anthracene	ND	10.0	"
Dibenzofuran	ND	10.0	"
Di-n-butyl phthalate	ND	10.0	"
1,3-Dichlorobenzene	ND	10.0	"
1,4-Dichlorobenzene	ND	10.0	"
1,2-Dichlorobenzene	ND	10.0	"
3,3'-Dichlorobenzidine	ND	10.0	"
2,4-Dichlorophenol	ND	10.0	"
Diethyl phthalate	ND	10.0	"
2,4-Dimethylphenol	ND	10.0	"

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L06018: Prepared 12/06/00 Using EPA 3520C/600 Series										
Blank (0L06018-BLK1)										
Dimethyl phthalate	ND	10.0	ug/l							
4,6-Dinitro-2-methylphenol	ND	10.0	"							
2,4-Dinitrophenol	ND	20.0	"							
2,4-Dinitrotoluene	ND	10.0	"							
2,6-Dinitrotoluene	ND	10.0	"							
Di-n-octyl phthalate	ND	10.0	"							
Fluoranthene	ND	10.0	"							
Fluorene	ND	10.0	"							
Hexachlorobenzene	ND	10.0	"							
Hexachlorobutadiene	ND	10.0	"							
Hexachlorocyclopentadiene	ND	10.0	"							
Hexachloroethane	ND	10.0	"							
Indeno (1,2,3-cd) pyrene	ND	10.0	"							
Isophorone	ND	10.0	"							
2-Methylnaphthalene	ND	10.0	"							
2-Methylphenol	ND	10.0	"							
3 & 4-Methylphenol	ND	10.0	"							
Naphthalene	ND	10.0	"							
2-Nitroaniline	ND	10.0	"							
3-Nitroaniline	ND	10.0	"							
4-Nitroaniline	ND	10.0	"							
Nitrobenzene	ND	10.0	"							
2-Nitrophenol	ND	10.0	"							
4-Nitrophenol	ND	10.0	"							
N-Nitrosodiphenylamine	ND	10.0	"							
N-Nitrosodi-n-propylamine	ND	10.0	"							
Pentachlorophenol	ND	10.0	"							
Phenanthrene	ND	10.0	"							
Phenol	ND	10.0	"							
Pyrene	ND	10.0	"							
1,2,4-Trichlorobenzene	ND	10.0	"							
2,4,5-Trichlorophenol	ND	10.0	"							
2,4,6-Trichlorophenol	ND	10.0	"							
Surrogate: 2-FP	35.4		"	50.0		70.8	10-108			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L06018: Prepared 12/06/00 Using EPA 3520C/600 Series

Blank (0L06018-BLK1)

Surrogate: Phenol-d6	35.0		ug/l	50.0		70.0	10-126			
Surrogate: 2,4,6-TBP	32.6		"	50.0		65.2	15-145			
Surrogate: Nitrobenzene-d5	34.5		"	50.0		69.0	31-116			
Surrogate: 2-FBP	38.9		"	50.0		77.8	28-120			
Surrogate: p-Terphenyl-d14	49.7		"	50.0		99.4	50-135			

LCS (0L06018-BS1)

Acenaphthene	87.2	10.0	ug/l	100		87.2	38-127			
4-Chloro-3-methylphenol	184	10.0	"	200		92.0	35-122			
2-Chlorophenol	163	10.0	"	200		81.5	16-130			
1,4-Dichlorobenzene	74.5	10.0	"	100		74.5	16-117			
2,4-Dinitrotoluene	80.1	10.0	"	100		80.1	38-130			
4-Nitrophenol	170	10.0	"	200		85.0	10-139			
N-Nitrosodi-n-propylamine	76.8	10.0	"	100		76.8	36-130			
Pentachlorophenol	198	10.0	"	200		99.0	32-134			
Phenol	167	10.0	"	200		83.5	10-143			
Pyrene	103	10.0	"	100		103	46-148			
1,2,4-Trichlorobenzene	81.9	10.0	"	100		81.9	17-123			
Surrogate: 2-FP	34.5		"	50.0		69.0	10-108			
Surrogate: Phenol-d6	36.3		"	50.0		72.6	10-126			
Surrogate: 2,4,6-TBP	42.7		"	50.0		85.4	15-145			
Surrogate: Nitrobenzene-d5	34.3		"	50.0		68.6	31-116			
Surrogate: 2-FBP	42.0		"	50.0		84.0	28-120			
Surrogate: p-Terphenyl-d14	49.7		"	50.0		99.4	50-135			

LCS Dup (0L06018-BSD1)

Acenaphthene	90.7	10.0	ug/l	100		90.7	38-127	3.93	32	
4-Chloro-3-methylphenol	169	10.0	"	200		84.5	35-122	8.50	34	
2-Chlorophenol	155	10.0	"	200		77.5	16-130	5.03	37	
1,4-Dichlorobenzene	82.1	10.0	"	100		82.1	16-117	9.71	35	
2,4-Dinitrotoluene	88.3	10.0	"	100		88.3	38-130	9.74	26	
4-Nitrophenol	162	10.0	"	200		81.0	10-139	4.82	43	
N-Nitrosodi-n-propylamine	82.6	10.0	"	100		82.6	36-130	7.28	34	
Pentachlorophenol	200	10.0	"	200		100	32-134	1.01	32	
Phenol	156	10.0	"	200		78.0	10-143	6.81	37	
Pyrene	112	10.0	"	100		112	46-148	8.37	24	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/21/00 15:55
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L06018: Prepared 12/06/00 Using EPA 3520C/600 Series										
LCS Dup (0L06018-BSD1)										
1,2,4-Trichlorobenzene	87.4	10.0	ug/l	100		87.4	17-123	6.50	33	
Surrogate: 2-FP	38.6		"	50.0		77.2	10-108			
Surrogate: Phenol-d6	38.8		"	50.0		77.6	10-126			
Surrogate: 2,4,6-TBP	44.6		"	50.0		89.2	15-145			
Surrogate: Nitrobenzene-d5	37.3		"	50.0		74.6	31-116			
Surrogate: 2-FBP	42.7		"	50.0		85.4	28-120			
Surrogate: p-Terphenyl-d14	52.0		"	50.0		104	50-135			

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	REC Limits	RPD	RPD Limit	Notes
Batch 0L04010: Prepared 12/04/00 Using EPA 3550B										
Blank (0L04010-BLK1)										
Pentachlorophenol	ND	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.38		"	1.67		82.6	30-150			
LCS (0L04010-BS1)										
Pentachlorophenol	0.307	0.0500	mg/kg wet	0.667		46.0	30-150			
Surrogate: 2,4,6-TBP	1.34		"	1.67		80.2	30-150			
Matrix Spike (0L04010-MS1) Source: B0L0047-07										
Pentachlorophenol	ND	0.500	mg/kg dry	0.798	ND		25-200			Q-02
Surrogate: 2,4,6-TBP	1.36		"	2.00		68.0	30-150			
Matrix Spike Dup (0L04010-MSD1) Source: B0L0047-07										
Pentachlorophenol	ND	0.500	mg/kg dry	0.798	ND		25-200		50	Q-02
Surrogate: 2,4,6-TBP	1.43		"	2.00		71.5	30-150			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L04010: Prepared 12/04/00 Using EPA 3550B

Blank (0L04010-BLK1)

Acenaphthene	ND	0.0100	mg/kg wet							
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 (ghi) perylene	ND	0.0100	"							
Benzo (k) fluoranthene	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	"							
Naphthalene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							
Pyrene	ND	0.0100	"							
Surrogate: 2-FBP	1.21		"	1.67		72.5	13-140			
Surrogate: Nitrobenzene-d5	1.55		"	1.67		92.8	10-136			
Surrogate: p-Terphenyl-d14	1.84		"	1.67		110	30-150			

LCS (0L04010-BS1)

Chrysene	0.289	0.0100	mg/kg wet	0.333		86.8	51-124			
Fluorene	0.232	0.0100	"	0.333		69.7	35-141			
Indeno (1,2,3-cd) pyrene	0.271	0.0100	"	0.333		81.4	27-148			
Surrogate: 2-FBP	1.23		"	1.67		73.7	13-140			
Surrogate: Nitrobenzene-d5	1.57		"	1.67		94.0	10-136			
Surrogate: p-Terphenyl-d14	1.85		"	1.67		111	30-150			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L04010: Prepared 12/04/00 Using EPA 3550B										
Matrix Spike (0L04010-MS1)				Source: B0L0047-07						
Chrysene	1.78	0.100	mg/kg dry	0.399	1.29	123	15-147			
Fluorene	7.94	0.100	"	0.399	8.70	-190	21-153			Q-01
Indeno (1,2,3-cd) pyrene	0.734	0.100	"	0.399	0.255	120	10-179			
Surrogate: 2-FBP	1.51		"	2.00		75.5	13-140			
Surrogate: Nitrobenzene-d5	3.62		"	2.00		181	10-136			S-03
Surrogate: p-Terphenyl-d14	2.40		"	2.00		120	30-150			
Matrix Spike Dup (0L04010-MSD1)				Source: B0L0047-07						
Chrysene	1.66	0.100	mg/kg dry	0.399	1.29	92.7	15-147	6.98	37	
Fluorene	8.95	0.100	"	0.399	8.70	62.7	21-153	12.0	38	
Indeno (1,2,3-cd) pyrene	0.671	0.100	"	0.399	0.255	104	10-179	8.97	53	
Surrogate: 2-FBP	1.64		"	2.00		82.0	13-140			
Surrogate: Nitrobenzene-d5	3.60		"	2.00		180	10-136			S-03
Surrogate: p-Terphenyl-d14	2.20		"	2.00		110	30-150			

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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L04036: Prepared 12/04/00 Using Dry Weight										
Blank (0L04036-BLK1)										
Dry Weight	100	1.00	%							
Batch 0L04037: Prepared 12/04/00 Using Dry Weight										
Blank (0L04037-BLK1)										
Dry Weight	100	1.00	%							

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/21/00 15:55

Notes and Definitions

- A-01 Sample was lab filtered and digested as total. Run by EPA 6020 as per client.
- A-01a Sample was lab filtered and prepared as Total run by 7470/7471 as per client
- A-01b Samples were field filtered then filtered in the lab and run as Total Pb by EPA 6020.
- B Analyte detected in the method blank.
- Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- Q-02 The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
- Q-05 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit.
- Q-13 Multiple analyses indicate the percent recovery is outside the control limits due to a matrix effect.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- J3 The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Amar Gill, Project Manager



11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 (425) 420-9200 FAX 420-9210
 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 (509) 924-9200 FAX 924-9290
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **BOL0047**

CLIENT: *Tex oil*
 REPORT TO: *Scott Sloman copy to Bryan Gresh*
 ADDRESS: *12100 NE 19th s. to 200 Bothell WA 98011*
 PHONE: *425 482 7805* FAX: *425 482 7876*

INVOICE TO:
Scott Sloman
2737 West Commercial Way
Seattle WA 98199
 P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 <1

STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. OTHER Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME: *TUC 22*
 PROJECT NUMBER:
 SAMPLED BY: *Bryan G*

REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NUTPH DV	Grx/BTEX	UOCs	SUOCs	Total Pb	Toxicology	PC only	BE TO-Sim										
1. O1MW07	12/1/00 0750	X	X	X	X		X												
2. O1MW08	0840	X	X			X													
3. O1MW09	0910	X	X			X													
4. O1MW11	0930	X	X			X													
5. O2MW07	0720	X	X			X													
5. TRIP BLANK	0715			X															
7. SB03B	1342	X	X			X		X											
8. SB-03A	1410	X	X			X		X											
9. SB-05B	1145	X	X			X		X											
10. SB-05C	1210	X	X			X		X											
11. SB-05D	1240	X	X			X		X											
12.																			
13.																			
14.																			
15.																			

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
		BOL0047 -	01
			02
			03
			04
			05
			06
			07
			08
			09
			10
			11

RELINQUISHED BY: *[Signature]* DATE: *12/1/00*
 PRINT NAME: *Bryan G* FIRM: *FUANC* TIME: *1:57*
 RELINQUISHED BY: DATE:
 PRINT NAME: FIRM: TIME:

RECEIVED BY: *[Signature]* DATE: *12/1/00*
 PRINT NAME: *Karla Kaczorowska* FIRM: *NCA* TIME: *15:37*
 RECEIVED BY: DATE:
 PRINT NAME: FIRM: TIME:



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
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 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-06-5	B0K0448-01	Soil	11/15/00 12:00	11/15/00 18:20
SB-06-10	B0K0448-02	Soil	11/15/00 12:00	11/15/00 18:20
SB-06-15	B0K0448-03	Soil	11/15/00 12:00	11/15/00 18:20
SB-07-5	B0K0448-06	Soil	11/15/00 12:00	11/15/00 18:20
SB-07-10	B0K0448-07	Soil	11/15/00 12:00	11/15/00 18:20
SB-07-15	B0K0448-08	Soil	11/15/00 12:00	11/15/00 18:20
SB-08-5	B0K0448-11	Soil	11/15/00 12:00	11/15/00 18:20
SB-08-10	B0K0448-12	Soil	11/15/00 12:00	11/15/00 18:20
SB-08-15	B0K0448-13	Soil	11/15/00 12:00	11/15/00 18:20
SB-09-5	B0K0448-16	Soil	11/15/00 12:00	11/15/00 18:20
SB-09-10	B0K0448-17	Soil	11/15/00 12:00	11/15/00 18:20
SB-09-15	B0K0448-18	Soil	11/15/00 12:00	11/15/00 18:20
SB-10-05	B0K0448-21	Soil	11/15/00 12:00	11/15/00 18:20
SB-10-10	B0K0448-22	Soil	11/15/00 12:00	11/15/00 18:20
SB-10-15	B0K0448-23	Soil	11/15/00 12:00	11/15/00 18:20

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 16:07
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (B0K0448-01) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	10.6	5.00	mg/kg dry	1	OK20005	11/20/00	11/22/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	92.4 %	50-150				"	"	"	
Surrogate: 4-BFB (PID)	83.7 %	50-150				"	"	"	
SB-06-10 (B0K0448-02) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	80.5 %	50-150				"	"	"	
Surrogate: 4-BFB (PID)	81.9 %	50-150				"	"	"	
SB-06-15 (B0K0448-03) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	90.8 %	50-150				"	"	"	
Surrogate: 4-BFB (PID)	85.7 %	50-150				"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-07-5 (B0K0448-06) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	1240	100	mg/kg dry	20	OK20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	2.17	1.00	"	"	"	"	"	"	
Toluene	ND	1.00	"	"	"	"	"	"	
Ethylbenzene	7.58	1.00	"	"	"	"	"	"	
Xylenes (total)	18.2	2.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	475 %	50-150			"	"	"	"	S-06
Surrogate: 4-BFB (PID)	181 %	50-150			"	"	"	"	S-06
SB-07-10 (B0K0448-07) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK20005	11/20/00	11/22/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	82.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	80.9 %	50-150			"	"	"	"	
SB-07-15 (B0K0448-08) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	7.56	5.00	mg/kg dry	1	OK20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	89.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-08-5 (B0K0448-11) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	26.2	5.00	mg/kg dry	1	OK20005	11/20/00	11/22/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	103 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	91.2 %	50-150			"	"	"	"	
SB-08-10 (B0K0448-12) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	15.0	5.00	mg/kg dry	1	OK20005	11/20/00	11/22/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	96.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	88.7 %	50-150			"	"	"	"	
SB-08-15 (B0K0448-13) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	84.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	87.1 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 16:07
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Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-09-5 (B0K0448-16) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20

Gasoline Range Hydrocarbons	17.1	5.00	mg/kg dry	1	OK20005	11/20/00	11/22/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.3 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	89.7 %	50-150			"	"	"	"	

SB-09-10 (B0K0448-17) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	86.7 %	50-150			"	"	"	"	

SB-09-15 (B0K0448-18) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20

Gasoline Range Hydrocarbons	8.99	5.00	mg/kg dry	1	OK20005	11/20/00	11/22/00	NWTPH-Gx/8021B	G-03
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	94.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	84.3 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-10-05 (B0K0448-21) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	89.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.5 %	50-150			"	"	"	"	
SB-10-10 (B0K0448-22) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	0.119	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	96.3 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	90.7 %	50-150			"	"	"	"	
SB-10-15 (B0K0448-23) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K20005	11/20/00	11/21/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	81.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	91.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
 Environmental Laboratory Network



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 509.924.9200 fax 509.924.9290
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 16:07
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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (B0K0448-01) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	553	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	369	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	70.8 %	50-150			"	"	"	"	
SB-06-10 (B0K0448-02) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	90.2 %	50-150			"	"	"	"	
SB-06-15 (B0K0448-03) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	70.6 %	50-150			"	"	"	"	
SB-07-5 (B0K0448-06) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	1190	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	783	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-05
Surrogate: Octacosane	57.3 %	50-150			"	"	"	"	
SB-07-10 (B0K0448-07) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	68.0 %	50-150			"	"	"	"	

Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-07-15 (B0K0448-08) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	94.2 %	50-150			"	"	"	"	
SB-08-5 (B0K0448-11) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	69.1 %	50-150			"	"	"	"	
SB-08-10 (B0K0448-12) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	447	10.0	mg/kg dry	1	0K19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	101 %	50-150			"	"	"	"	
SB-08-15 (B0K0448-13) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	64.7 %	50-150			"	"	"	"	
SB-09-5 (B0K0448-16) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	30.2	10.0	mg/kg dry	1	0K19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	87.7 %	50-150			"	"	"	"	
SB-09-10 (B0K0448-17) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	85.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported: 12/01/00 16:07

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-09-15 (B0K0448-18) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	86.7 %	50-150			"	"	"	"	
SB-10-05 (B0K0448-21) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	69.3 %	50-150			"	"	"	"	
SB-10-10 (B0K0448-22) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	80.9 %	50-150			"	"	"	"	
SB-10-15 (B0K0448-23) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK19004	11/19/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	67.6 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (B0K0448-01) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	8.64	0.301	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-06-10 (B0K0448-02) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	3.58	0.251	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-06-15 (B0K0448-03) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	9.36	0.368	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-07-5 (B0K0448-06) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	8.33	0.276	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-07-10 (B0K0448-07) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	9.81	0.357	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-07-15 (B0K0448-08) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	9.54	0.270	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-08-5 (B0K0448-11) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	9.52	0.340	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-08-10 (B0K0448-12) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	8.34	0.370	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-08-15 (B0K0448-13) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	9.44	0.303	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	

North Creek Analytical - Bothell

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Foster Wheeler Environmental Corporation
12100 NE 195th Street
Bothell WA, 98011

Project: West Commodore Way Phase II
Project Number: n/a
Project Manager: Bryan Graham

Reported:
12/01/00 16:07

**Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-09-5 (B0K0448-16) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	7.88	0.282	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-09-10 (B0K0448-17) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	7.28	0.318	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-09-15 (B0K0448-18) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	4.17	0.350	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-10-05 (B0K0448-21) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	3.37	0.362	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-10-10 (B0K0448-22) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	9.63	0.303	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	
SB-10-15 (B0K0448-23) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Lead	2.34	0.262	mg/kg dry	1	0K27017	11/27/00	11/28/00	EPA 6020	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (B0K0448-01) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	101 %	30-150			"	"	"	"	
SB-06-10 (B0K0448-02) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	0.0548	0.0500	mg/kg dry	1	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	61.1 %	30-150			"	"	"	"	
SB-06-15 (B0K0448-03) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	0.0548	0.0500	mg/kg dry	1	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	86.5 %	30-150			"	"	"	"	
SB-07-5 (B0K0448-06) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	82.4 %	30-150			"	"	"	"	
SB-07-10 (B0K0448-07) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	90.7 %	30-150			"	"	"	"	
SB-07-15 (B0K0448-08) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	0.0572	0.0500	mg/kg dry	1	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	75.1 %	30-150			"	"	"	"	
SB-08-5 (B0K0448-11) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Pentachlorophenol	0.0560	0.0500	mg/kg dry	1	0K21022	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	47.5 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (B0K0448-01) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	80.5	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-06-10 (B0K0448-02) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	80.3	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-06-15 (B0K0448-03) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	80.4	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-07-5 (B0K0448-06) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	91.8	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-07-10 (B0K0448-07) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	77.4	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-07-15 (B0K0448-08) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
y Weight	77.0	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-08-5 (B0K0448-11) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	76.2	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-08-10 (B0K0448-12) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	79.5	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	
SB-08-15 (B0K0448-13) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	79.2	1.00	%	1	OK20046	11/20/00	11/21/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-09-5 (B0K0448-16) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	82.2	1.00	%	1	0K20047	11/20/00	11/21/00	BSOPSPL003R07	
SB-09-10 (B0K0448-17) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	81.8	1.00	%	1	0K20047	11/20/00	11/21/00	BSOPSPL003R07	
SB-09-15 (B0K0448-18) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	83.6	1.00	%	1	0K20047	11/20/00	11/21/00	BSOPSPL003R07	
SB-10-05 (B0K0448-21) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	85.3	1.00	%	1	0K20047	11/20/00	11/21/00	BSOPSPL003R07	
SB-10-10 (B0K0448-22) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	78.7	1.00	%	1	0K20047	11/20/00	11/21/00	BSOPSPL003R07	
SB-10-15 (B0K0448-23) Soil Sampled: 11/15/00 12:00 Received: 11/15/00 18:20									
Dry Weight	84.0	1.00	%	1	0K20047	11/20/00	11/21/00	BSOPSPL003R07	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K20005: Prepared 11/20/00 Using EPA 5030B (MeOH)

Blank (0K20005-BLK1)

Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	4.12		"	4.00		103	50-150			
Surrogate: 4-BFB (PID)	3.79		"	4.00		94.7	50-150			

LCS (0K20005-BS1)

Gasoline Range Hydrocarbons	22.1	5.00	mg/kg wet	25.0		88.4	70-130			
Surrogate: 4-BFB (FID)	4.31		"	4.00		108	50-150			

Duplicate (0K20005-DUP1)

Source: B0K0448-06

Gasoline Range Hydrocarbons	1130	100	mg/kg dry		1240			9.28	50	
Surrogate: 4-BFB (FID)	20.2		"	4.36		463	50-150			S-06

Duplicate (0K20005-DUP2)

Source: B0K0448-21

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			22.1	50	
Surrogate: 4-BFB (FID)	4.32		"	4.69		92.1	50-150			

Matrix Spike (0K20005-MS1)

Source: B0K0448-02

Benzene	0.466	0.0500	mg/kg dry	0.623	ND	73.6	60-140			
Toluene	0.458	0.0500	"	0.623	ND	70.9	60-140			
Ethylbenzene	0.482	0.0500	"	0.623	ND	75.3	60-140			
Xylenes (total)	1.47	0.100	"	1.87	ND	75.5	60-140			
Surrogate: 4-BFB (PID)	4.04		"	4.98		81.1	50-150			

Matrix Spike Dup (0K20005-MSD1)

Source: B0K0448-02

Benzene	0.501	0.0500	mg/kg dry	0.623	ND	79.2	60-140	7.24	20	
Toluene	0.503	0.0500	"	0.623	ND	78.1	60-140	9.37	20	
Ethylbenzene	0.520	0.0500	"	0.623	ND	81.4	60-140	7.58	20	
Xylenes (total)	1.60	0.100	"	1.87	ND	82.5	60-140	8.47	20	
Surrogate: 4-BFB (PID)	4.09		"	4.98		82.1	50-150			

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K19004: Prepared 11/19/00 Using EPA 3550B										
Blank (0K19004-BLK1)										
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	6.39		"	10.7		59.7	50-150			
LCS (0K19004-BS1)										
Diesel Range Hydrocarbons	57.8	10.0	mg/kg wet	66.7		86.7	60-140			
Surrogate: 2-FBP	9.21		"	10.7		86.1	50-150			
Duplicate (0K19004-DUP1) Source: B0K0448-21										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			42.3	50	
Surrogate: 2-FBP	7.95		"	12.5		63.6	50-150			
Duplicate (0K19004-DUP2) Source: B0K0448-23										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			6.45	50	
Surrogate: 2-FBP	11.2		"	12.7		88.2	50-150			

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 16:07
--	--	-----------------------------

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K27017: Prepared 11/27/00 Using EPA 3050B										
Blank (0K27017-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0K27017-BS1)										
Lead	2.45	0.500	mg/kg wet	2.50		98.0	80-120			
Matrix Spike (0K27017-MS1) Source: B0K0448-01										
Lead	10.3	0.309	mg/kg dry	1.92	8.64	86.5	70-130			
Matrix Spike Dup (0K27017-MSD1) Source: B0K0448-01										
Lead	10.5	0.312	mg/kg dry	1.94	8.64	95.9	70-130	1.92	20	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97009-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K21022: Prepared 11/21/00 Using EPA 3550B										
Blank (0K21022-BLK1)										
Pentachlorophenol	ND	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.47		"	1.67		88.0	30-150			
LCS (0K21022-BS1)										
Pentachlorophenol	0.524	0.0500	mg/kg wet	0.667		78.6	30-150			
Surrogate: 2,4,6-TBP	1.47		"	1.67		88.0	30-150			
Matrix Spike (0K21022-MS1) Source: B0K0448-01										
Pentachlorophenol	0.774	0.250	mg/kg dry	0.828	ND	93.5	25-200			
Surrogate: 2,4,6-TBP	2.02		"	2.07		97.6	30-150			
Matrix Spike Dup (0K21022-MSD1) Source: B0K0448-01										
Pentachlorophenol	0.733	0.250	mg/kg dry	0.828	ND	88.5	25-200	5.44	50	
Surrogate: 2,4,6-TBP	1.87		"	2.07		90.3	30-150			

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/01/00 16:07

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K20046: Prepared 11/20/00 Using Dry Weight										
Blank (0K20046-BLK1)										
Dry Weight	100	1.00	%							
Batch 0K20047: Prepared 11/20/00 Using Dry Weight										
Blank (0K20047-BLK1)										
Dry Weight	100	1.00	%							

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/01/00 16:07
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Notes and Definitions

- G-01 Results reported for the gas range are primarily due to overlap from diesel range hydrocarbons.
- G-03 The total hydrocarbon result in this sample is primarily due to an individual compound eluting in the volatile hydrocarbon range. Identification and quantitation by EPA method 8021B or 8260B is recommended.
- S-05 Due to interference from coeluting organic compounds with the primary surrogate, results of the secondary surrogate have been used to control the analysis.
- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0448**

CLIENT: Time Oil Company / Foster Wheeler
REPORT TO: Scott Sloan Copy to Bryan Grahman
ADDRESS: 17100 NE 195th Street, Suite 200
Bothell WA 98011
PHONE: 425 482 7865 FAX: 425 482 7676

INVOICE TO:
Time Oil Company
Attn Scott Sloan

P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 <1

STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. OTHER Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES																			
		Gas/BTEX	PAH	Asbestos	Total Pb	Hold															
SB-06-5	11/15/00 NA	X	X	X	X																
SB-06-10		X	X	X	X																
SB-06-15		X	X	X	X																
SB-06-20						X															
SB-06-25						X															
SB-07-5		X	X	X	X																
SB-07-10		X	X	X	X																
SB-07-15		X	X	X	X																
SB-07-20						X															
SB-07-25						X															
SB-08-5		X	X		X																
SB-08-10		X	X		X																
SB-08-15		X	X		X																
SB-08-20						X															
SB-08-25						X															

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
Soil	2	BOK0448	01
			02
			03
			04
			05
			06
			07
			08
			09
			10
			11
			12
			13
			14
			15

RELINQUISHED BY: JEFF SPEIK FIRM: FOSTER WHEELER DATE: 11/15/00 TIME: 1020

RECEIVED BY: A. KAMNICK FIRM: NCA DATE: 11/15/00 TIME: 1820

RELINQUISHED BY: FIRM: DATE: TIME:

RECEIVED BY: FIRM: DATE: TIME:

ADDITIONAL REMARKS: **SAMPLES WERE NOT 2-6C UPON RECEIPT**

TEMP: 4080 PAGE 1 OF 2



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 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 FAX 420-9210
 (509) 924-9200 FAX 924-9290
 (503) 906-9200 FAX 906-9210
 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0448**

CLIENT: **TIME OIL COMPANY / FOSTER WHEELER**
 REPORT TO: **SCOTT SLOAN COPY TO RYAN GRAHAM**
 ADDRESS: **12100 NE 195TH ST SUITE 200
 BOTHELL WA 98061**
 PHONE: **425.482.7665** FAX: **425.482.7676**

INVOICE TO:
**TIME OIL COMPANY /
 MR SCOTT SLOAN**
 P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 <1

STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. OTHER Please Specify _____

*Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:		REQUESTED ANALYSES									
PROJECT NUMBER:		6x/BTEX	PX	PCMTA CP	TOTAL PS	HOLD					
AMPLIFIED BY:											
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME										
SB-09-5	11.15.00 NA	X	X		X						
SB-09-10		X	X		X						
SB-09-15		X	X		X						
SB-09-20						X					
SB-09-25						X					
SB-10-05		X	X		X						
SB-10-10		X	X		X						
SB-10-15		X	X		X						
SB-10-20						X					
SB-10-25						X					

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
SOIL	2	BOK0448	16
			17
			18
			19
			20
			21
			22
			23
			24
			25

ELIQUISHED BY: **JEFF SPECIE** DATE: **11/15/00**
 PRINT NAME: **JEFF SPECIE** FIRM: **FOSTER WHEELER** TIME: **1820**

RECEIVED BY: **S. YAMAMOTO** DATE: **11/19/00**
 PRINT NAME: **S. YAMAMOTO** FIRM: **NCA** TIME: **18:20**

ADDITIONAL REM: _____

SAMPLES WERE NOT @ 2-6C UPON RECEIPT

TEMP: **10** OF **2**



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham


Reported:
 12/19/00 13:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-01	B0L0091-01	Soil	12/04/00 14:40	12/05/00 12:45
SS-02	B0L0091-02	Soil	12/04/00 14:47	12/05/00 12:45
SS-03	B0L0091-03	Soil	12/04/00 14:55	12/05/00 12:45
SS-04	B0L0091-04	Soil	12/04/00 14:43	12/05/00 12:45
TRIP	B0L0091-05	Water	12/05/00 07:30	12/05/00 12:45
01MW-12	B0L0091-06	Water	12/05/00 08:15	12/05/00 12:45
01MW-13	B0L0091-07	Water	12/05/00 07:45	12/05/00 12:45

North Creek Analytical - Bothell

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 Alan Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
TRIP (B0L0091-05) Water Sampled: 12/05/00 07:30 Received: 12/05/00 12:45									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	0L10004	12/10/00	12/10/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.9 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	104 %	50-150			"	"	"	"	
01MW-12 (B0L0091-06) Water Sampled: 12/05/00 08:15 Received: 12/05/00 12:45									
Gasoline Range Hydrocarbons	802	50.0	ug/l	1	0L10004	12/10/00	12/10/00	NWTPH-Gx/8021B	
Benzene	98.4	0.500	"	"	"	"	"	"	
Toluene	11.0	0.500	"	"	"	"	"	"	
Ethylbenzene	17.4	0.500	"	"	"	"	"	"	
Xylenes (total)	24.6	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	99.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	101 %	50-150			"	"	"	"	
01MW-13 (B0L0091-07) Water Sampled: 12/05/00 07:45 Received: 12/05/00 12:45									
Gasoline Range Hydrocarbons	254	50.0	ug/l	1	0L10004	12/10/00	12/10/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	0.694	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.817	"	"	"	"	"	"	R-03
Xylenes (total)	ND	1.23	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	112 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	106 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW-12 (B0L0091-06) Water Sampled: 12/05/00 08:15 Received: 12/05/00 12:45									
Diesel Range Hydrocarbons	6.48	0.250	mg/l	1	0L09003	12/09/00	12/10/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	78.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	84.5 %	50-150			"	"	"	"	
01MW-13 (B0L0091-07) Water Sampled: 12/05/00 07:45 Received: 12/05/00 12:45									
Diesel Range Hydrocarbons	3.94	0.250	mg/l	1	0L09003	12/09/00	12/10/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	0.513	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	82.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	89.8 %	50-150			"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW-12 (B0L0091-06) Water Sampled: 12/05/00 08:15 Received: 12/05/00 12:45 A-01									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/14/00	EPA 6020	
01MW-13 (B0L0091-07) Water Sampled: 12/05/00 07:45 Received: 12/05/00 12:45 A-01									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/14/00	EPA 6020	

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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-01 (B0L0091-01) Soil Sampled: 12/04/00 14:40 Received: 12/05/00 12:45									
Pentachlorophenol	3.87	2.50	mg/kg dry	50	0L07001	12/07/00	12/08/00	GCMS-SIM	Q-18
Surrogate: 2,4,6-TBP	59.7 %	30-150			"	"	"	"	
SS-02 (B0L0091-02) Soil Sampled: 12/04/00 14:47 Received: 12/05/00 12:45									
Pentachlorophenol	ND	1.25	mg/kg dry	25	0L07001	12/07/00	12/08/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	49.9 %	30-150			"	"	"	"	
SS-03 (B0L0091-03) Soil Sampled: 12/04/00 14:55 Received: 12/05/00 12:45									
Pentachlorophenol	ND	2.50	mg/kg dry	50	0L07001	12/07/00	12/08/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	62.1 %	30-150			"	"	"	"	
SS-04 (B0L0091-04) Soil Sampled: 12/04/00 14:43 Received: 12/05/00 12:45									
Pentachlorophenol	ND	0.500	mg/kg dry	10	0L07001	12/07/00	12/08/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	71.1 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a Reported:
 Bothell WA, 98011 Project Manager: Bryan Graham 12/19/00 13:22

**Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-01 (B0L0091-01) Soil Sampled: 12/04/00 14:40 Received: 12/05/00 12:45									
Benzo (a) anthracene	ND	0.500	mg/kg dry	50	0L07001	12/07/00	12/08/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.500	"	"	"	"	"	"	
Chrysene	ND	0.500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	57.7 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	41.9 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	102 %	19-137			"	"	"	"	
SS-02 (B0L0091-02) Soil Sampled: 12/04/00 14:47 Received: 12/05/00 12:45									
Benzo (a) anthracene	ND	0.250	mg/kg dry	25	0L07001	12/07/00	12/08/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.250	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.250	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.250	"	"	"	"	"	"	
Chrysene	ND	0.250	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.250	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.250	"	"	"	"	"	"	
Surrogate: 2-FBP	52.8 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	32.0 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	105 %	19-137			"	"	"	"	
SS-03 (B0L0091-03) Soil Sampled: 12/04/00 14:55 Received: 12/05/00 12:45									
Benzo (a) anthracene	ND	0.500	mg/kg dry	50	0L07001	12/07/00	12/08/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.500	"	"	"	"	"	"	
Chrysene	ND	0.500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	60.2 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	44.1 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	106 %	19-137			"	"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-04 (B0L0091-04) Soil Sampled: 12/04/00 14:43 Received: 12/05/00 12:45									
Benzo (a) anthracene	1.63	0.100	mg/kg dry	10	0L07001	12/07/00	12/08/00	GCMS-SIM	
Benzo (a) pyrene	1.71	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	2.13	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.760	0.100	"	"	"	"	"	"	
Chrysene	1.93	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	1.05	0.100	"	"	"	"	"	"	
Surrogate: 2-FBP	75.0 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	67.2 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	124 %	19-137			"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SS-01 (B0L0091-01) Soil Sampled: 12/04/00 14:40 Received: 12/05/00 12:45										
Dry Weight	85.2	1.00		%	1	0L06033	12/06/00	12/07/00	BSOPSPL003R07	
SS-02 (B0L0091-02) Soil Sampled: 12/04/00 14:47 Received: 12/05/00 12:45										
Dry Weight	83.8	1.00		%	1	0L06033	12/06/00	12/07/00	BSOPSPL003R07	
SS-03 (B0L0091-03) Soil Sampled: 12/04/00 14:55 Received: 12/05/00 12:45										
Dry Weight	80.8	1.00		%	1	0L06033	12/06/00	12/07/00	BSOPSPL003R07	
SS-04 (B0L0091-04) Soil Sampled: 12/04/00 14:43 Received: 12/05/00 12:45										
Dry Weight	81.6	1.00		%	1	0L06034	12/06/00	12/07/00	BSOPSPL003R07	

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L10004: Prepared 12/10/00 Using EPA 5030B (P/T)										
Blank (0L10004-BLK1)										
Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	48.9		"	48.0		102	50-150			
Surrogate: 4-BFB (PID)	50.0		"	48.0		104	50-150			
LCS (0L10004-BS1)										
Gasoline Range Hydrocarbons	475	50.0	ug/l	500		95.0	70-130			
Surrogate: 4-BFB (FID)	48.2		"	48.0		100	50-150			
Duplicate (0L10004-DUP1) Source: B0L0032-03										
Gasoline Range Hydrocarbons	2030	1250	ug/l		1810			11.5	25	
Surrogate: 4-BFB (FID)	46.9		"	48.0		97.7	50-150			
Duplicate (0L10004-DUP2) Source: B0L0031-04										
Gasoline Range Hydrocarbons	770	50.0	ug/l		921			17.9	25	
Surrogate: 4-BFB (FID)	42.1		"	48.0		87.7	50-150			
Matrix Spike (0L10004-MS1) Source: B0L0032-04										
Benzene	9.90	0.500	ug/l	10.0	ND	95.8	70-130			
Toluene	9.89	0.500	"	10.0	ND	95.7	70-130			
Ethylbenzene	10.6	0.500	"	10.0	ND	106	70-130			
Xylenes (total)	31.5	1.00	"	30.0	ND	104	70-130			
Surrogate: 4-BFB (PID)	46.6		"	48.0		97.1	50-150			
Matrix Spike Dup (0L10004-MSD1) Source: B0L0032-04										
Benzene	10.0	0.500	ug/l	10.0	ND	96.8	70-130	1.01	15	
Toluene	9.84	0.500	"	10.0	ND	95.2	70-130	0.507	15	
Ethylbenzene	10.5	0.500	"	10.0	ND	105	70-130	0.948	15	
Xylenes (total)	30.8	1.00	"	30.0	ND	102	70-130	2.25	15	
Surrogate: 4-BFB (PID)	42.2		"	48.0		87.9	50-150			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 12100 NE 195th Street
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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Notes
Batch 0L09003: Prepared 12/09/00 Using EPA 3520C/600 Series									
Blank (0L09003-BLK1)									
Diesel Range Hydrocarbons	ND	0.250	mg/l						
Lube Oil Range Hydrocarbons	ND	0.500	"						
Surrogate: 2-FBP	0.219		"	0.320		68.4 50-150			
Surrogate: Octacosane	0.251		"	0.320		78.4 50-150			
LCS (0L09003-BS1)									
Diesel Range Hydrocarbons	1.71	0.250	mg/l	2.00		85.5 60-140			
Surrogate: 2-FBP	0.242		"	0.320		75.6 50-150			
LCS Dup (0L09003-BSD1)									
Diesel Range Hydrocarbons	1.57	0.250	mg/l	2.00		78.5 60-140	8.54	40	
Surrogate: 2-FBP	0.213		"	0.320		66.6 50-150			

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/19/00 13:22
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**Total Metals by EPA 6000/7000 Series Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L12014: Prepared 12/12/00 Using EPA 3020A										
Blank (0L12014-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (0L12014-BS1)										
Lead	0.191	0.00100	mg/l	0.200		95.5	80-120			
Matrix Spike (0L12014-MS1) Source: B0L0028-02										
Lead	0.203	0.00100	mg/l	0.200	ND	101	75-125			
Matrix Spike Dup (0L12014-MSD1) Source: B0L0028-02										
Lead	0.192	0.00100	mg/l	0.200	ND	95.9	75-125	5.57	20	

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L07001: Prepared 12/07/00 Using EPA 3550B										
Blank (0L07001-BLK1)										
Pentachlorophenol	0.0607	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.43		"	1.67		85.6	30-150			
LCS (0L07001-BS1)										
Pentachlorophenol	0.421	0.0500	mg/kg wet	0.667		63.1	30-150			
Surrogate: 2,4,6-TBP	1.21		"	1.67		72.5	30-150			
Matrix Spike (0L07001-MS1) Source: B0L0135-08										
Pentachlorophenol	0.594	0.0500	mg/kg dry	0.731	0.153	60.3	25-200			
Surrogate: 2,4,6-TBP	1.19		"	1.83		65.0	30-150			
Matrix Spike Dup (0L07001-MSD1) Source: B0L0135-08										
Pentachlorophenol	0.574	0.0500	mg/kg dry	0.731	0.153	57.6	25-200	3.42	50	
Surrogate: 2,4,6-TBP	1.34		"	1.83		73.2	30-150			



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L07001: Prepared 12/07/00 Using EPA 3550B

Blank (0L07001-BLK1)

Benzo (a) anthracene	ND	0.0100	mg/kg wet							
Benzo (a) pyrene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Dibenz (a,h) anthracene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Surrogate: 2-FBP	1.14		"	1.67		68.3	13-140			
Surrogate: Nitrobenzene-d5	1.27		"	1.67		76.0	10-138			
Surrogate: p-Terphenyl-d14	1.84		"	1.67		110	19-137			

LCS (0L07001-BS1)

Chrysene	0.292	0.0100	mg/kg wet	0.333		87.7	51-124			
Indeno (1,2,3-cd) pyrene	0.277	0.0100	"	0.333		83.2	27-148			
Surrogate: 2-FBP	1.01		"	1.67		60.5	13-140			
Surrogate: Nitrobenzene-d5	1.06		"	1.67		63.5	10-138			
Surrogate: p-Terphenyl-d14	1.66		"	1.67		99.4	19-137			

Matrix Spike (0L07001-MS1)

Source: B0L0135-08

Chrysene	0.317	0.0100	mg/kg dry	0.366	ND	86.6	15-147			
Indeno (1,2,3-cd) pyrene	0.306	0.0100	"	0.366	ND	83.6	10-179			
Surrogate: 2-FBP	1.21		"	1.83		66.1	13-140			
Surrogate: Nitrobenzene-d5	1.40		"	1.83		76.5	10-138			
Surrogate: p-Terphenyl-d14	1.92		"	1.83		105	19-137			

Matrix Spike Dup (0L07001-MSD1)

Source: B0L0135-08

Chrysene	0.314	0.0100	mg/kg dry	0.366	ND	85.8	15-147	0.951	37	
Indeno (1,2,3-cd) pyrene	0.301	0.0100	"	0.366	ND	82.2	10-179	1.65	53	
Surrogate: 2-FBP	1.24		"	1.83		67.8	13-140			
Surrogate: Nitrobenzene-d5	1.41		"	1.83		77.0	10-138			
Surrogate: p-Terphenyl-d14	1.91		"	1.83		104	19-137			

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Page 13 of 15



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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/19/00 13:22
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Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L06033: Prepared 12/06/00 Using Dry Weight										
Blank (0L06033-BLK1)										
Dry Weight	100	1.00	%							
Batch 0L06034: Prepared 12/06/00 Using Dry Weight										
Blank (0L06034-BLK1)										
Dry Weight	100	1.00	%							

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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/19/00 13:22

Notes and Definitions

- A-01 Samples were field filtered then filtered in the lab and run as Total Pb by EPA 6020.
- Q-18 The method blank contains analyte at a concentration above the MRL. This concentration is less than 5% of the sample result, which is negligible according to method criteria.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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 East 11115 Montgomery, Suite B, Spokane, WA 98206-4776
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 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

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 (509) 924-9200 FAX 924-9290
 (503) 906-9200 FAX 906-9210
 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **B0L0091**

CLIENT: **Time Oil**
 REPORT TO: **Scott Sloan** copy to **Byang Gabe FLORENCE**
 ADDRESS: **7737 West Commodore Way**
Seattle WA 98149
 PHONE: _____ FAX: _____

INVOICE TO: **Time Oil**
 P.O. NUMBER: _____

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 7 5 4 3 2 1 <1

STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. OTHER _____ Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES													
		8270 SIM	MUTUAL-01	Gr/BIEX	TOTAL Pb										
SS-01	12/4/00 1440	X													
SS-02	1447	X													
SS-03	1455	X													
SS-04	1443	X													
TRIP	12/5/00 0730			X											
01 MW-12	0815		X	X	X										
01 MW-13	0745		X	X	X										

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
S	3		-01
S	1		-02
S	1		-03
S	2		-04
U	1		-05
W	3		-06
W	3		-07

RELINQUISHED BY: **[Signature]** DATE: _____
 PRINT NAME: **Byang Gabe** FIRM: **FLORENCE** TIME: _____
 RELINQUISHED BY: _____ DATE: _____
 PRINT NAME: _____ FIRM: _____ TIME: _____

RECEIVED BY: **[Signature]** DATE: **12/5/00**
 PRINT NAME: **FRANK TERRY** FIRM: **NCA** TIME: **1240**
 RECEIVED BY: _____ DATE: _____
 PRINT NAME: _____ FIRM: _____ TIME: _____

ADDITIONAL REMARKS: **8270 SIM - CONC. PAHs; PCB** SAMPLES WERE PUT @ 2:00 UPON RECEIPT TEMP: **1/8/01**



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE T95th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-31-2	B0K0613-01	Soil	11/22/00 08:18	11/22/00 16:20
SB-31-5	B0K0613-02	Soil	11/22/00 08:23	11/22/00 16:20
SB-31-10	B0K0613-03	Soil	11/22/00 08:30	11/22/00 16:20
SB-31-15	B0K0613-04	Soil	11/22/00 08:35	11/22/00 16:20
SB-31-20	B0K0613-05	Soil	11/22/00 08:40	11/22/00 16:20
SB-31-25	B0K0613-06	Soil	11/22/00 08:45	11/22/00 16:20
SB-32-2	B0K0613-07	Soil	11/22/00 09:50	11/22/00 16:20
SB-32-5	B0K0613-08	Soil	11/22/00 09:54	11/22/00 16:20
SB-32-10	B0K0613-09	Soil	11/22/00 10:02	11/22/00 16:20
SB-32-15	B0K0613-10	Soil	11/22/00 10:10	11/22/00 16:20
SB-32-20	B0K0613-11	Soil	11/22/00 10:15	11/22/00 16:20
SB-32-25	B0K0613-12	Soil	11/22/00 10:20	11/22/00 16:20
SB-42-2	B0K0613-13	Soil	11/22/00 08:12	11/22/00 16:20
SB-42-5	B0K0613-14	Soil	11/22/00 08:22	11/22/00 16:20
SB-42-10	B0K0613-15	Soil	11/22/00 08:28	11/22/00 16:20
SB-39-2	B0K0613-16	Soil	11/22/00 10:15	11/22/00 16:20
SB-39-5	B0K0613-17	Soil	11/22/00 10:23	11/22/00 16:20
SB-39-10	B0K0613-18	Soil	11/22/00 10:30	11/22/00 16:20
SB-39-15	B0K0613-19	Soil	11/22/00 10:33	11/22/00 16:20
SB-33-2	B0K0613-20	Soil	11/22/00 11:38	11/22/00 16:20
SB-33-5	B0K0613-21	Soil	11/22/00 11:44	11/22/00 16:20
SB-33-10	B0K0613-22	Soil	11/22/00 11:50	11/22/00 16:20
SB-33-15	B0K0613-23	Soil	11/22/00 11:55	11/22/00 16:20
SB-33-20	B0K0613-24	Soil	11/22/00 12:00	11/22/00 16:20
SB-33-25	B0K0613-25	Soil	11/22/00 12:05	11/22/00 16:20
SB-34-2	B0K0613-26	Soil	11/22/00 13:22	11/22/00 16:20
SB-34-5	B0K0613-27	Soil	11/22/00 13:27	11/22/00 16:20
SB-34-10	B0K0613-28	Soil	11/22/00 13:32	11/22/00 16:20
SB-34-15	B0K0613-29	Soil	11/22/00 13:37	11/22/00 16:20

North Creek Analytical - Bothell

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 Amar Gilh, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-34-20	B0K0613-30	Soil	11/22/00 13:42	11/22/00 16:20
SB-34-25	B0K0613-31	Soil	11/22/00 13:47	11/22/00 16:20
SB-35-2	B0K0613-32	Soil	11/22/00 14:30	11/22/00 16:20
SB-35-5	B0K0613-33	Soil	11/22/00 14:35	11/22/00 16:20
SB-35-10	B0K0613-34	Soil	11/22/00 14:40	11/22/00 16:20
SB-35-15	B0K0613-35	Soil	11/22/00 14:45	11/22/00 16:20
SB-35-20	B0K0613-36	Soil	11/22/00 14:50	11/22/00 16:20
SB-35-25	B0K0613-37	Soil	11/22/00 14:55	11/22/00 16:20


 Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-31-2 (B0K0613-01) Soil Sampled: 11/22/00 08:18 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	577	20.0	mg/kg dry	4	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.512	"	"	"	"	"	"	R-03
Toluene	ND	0.248	"	"	"	"	"	"	R-03
Ethylbenzene	ND	0.824	"	"	"	"	"	"	R-03
Xylenes (total)	ND	2.52	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-02
Surrogate: 4-BFB (PID)	143 %	50-150			"	"	"	"	
SB-31-5 (B0K0613-02) Soil Sampled: 11/22/00 08:23 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	13.5	5.00	mg/kg dry	1	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	88.6 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	88.0 %	50-150			"	"	"	"	
SB-31-10 (B0K0613-03) Soil Sampled: 11/22/00 08:30 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	73.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	79.9 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-31-15 (B0K0613-04) Soil Sampled: 11/22/00 08:35 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	79.6 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.1 %	50-150			"	"	"	"	
SB-31-20 (B0K0613-05) Soil Sampled: 11/22/00 08:40 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	74.0 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	79.1 %	50-150			"	"	"	"	
SB-31-25 (B0K0613-06) Soil Sampled: 11/22/00 08:45 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	68.7 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	74.7 %	50-150			"	"	"	"	



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	78.3 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	82.0 %	50-150			"	"	"	"	
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	216	20.0	mg/kg dry	4	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.200	"	"	"	"	"	"	
Toluene	ND	0.200	"	"	"	"	"	"	
Ethylbenzene	ND	0.200	"	"	"	"	"	"	
Xylenes (total)	ND	0.508	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	149 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	78.7 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	90.7 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-15 (B0K0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	81.9 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	93.2 %	50-150			"	"	"	"	
SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	76.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	91.1 %	50-150			"	"	"	"	
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	0.0513	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	74.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	84.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-42-2 (B0K0613-13) Soil Sampled: 11/22/00 08:12 Received: 11/22/00 16:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	77.9 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.3 %	50-150			"	"	"	"	

SB-42-5 (B0K0613-14) Soil Sampled: 11/22/00 08:22 Received: 11/22/00 16:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	72.6 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	79.9 %	50-150			"	"	"	"	

SB-42-10 (B0K0613-15) Soil Sampled: 11/22/00 08:28 Received: 11/22/00 16:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK29024	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	76.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	81.9 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Environmental Laboratory Network

Page 7 of 132



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-39-2 (B0K0613-16) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	34.8	5.00	mg/kg dry	1	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	0.167	0.0500	"	"	"	"	"	"	
Xylenes (total)	0.567	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	114 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	97.6 %	50-150			"	"	"	"	
SB-39-5 (B0K0613-17) Soil Sampled: 11/22/00 10:23 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	605	20.0	mg/kg dry	4	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.280	"	"	"	"	"	"	R-03
Toluene	ND	0.200	"	"	"	"	"	"	
Ethylbenzene	ND	1.68	"	"	"	"	"	"	R-03
Xylenes (total)	ND	3.24	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-02
Surrogate: 4-BFB (PID)	%	50-150			"	"	"	"	S-02
SB-39-10 (B0K0613-18) Soil Sampled: 11/22/00 10:30 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	76.0 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	80.6 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-39-15 (B0K0613-19) Soil Sampled: 11/22/00 10:33 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	77.0 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	81.5 %	50-150			"	"	"	"	
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	10.9	5.00	mg/kg dry	1	0K29024	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0641	"	"	"	"	"	"	R-03
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	0.156	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	79.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	81.4 %	50-150			"	"	"	"	
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	98.9 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	106 %	50-150			"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	103 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	107 %	50-150			"	"	"	"	
SB-33-15 (B0K0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	98.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	109 %	50-150			"	"	"	"	
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.7 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	90.0 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	97.4 %	50-150			"	"	"	"	
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	95.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	
SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/04/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	92.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	102 %	50-150			"	"	"	"	

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 Spokane - East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland - 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend - 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-34-10 (BOK0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	95.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	

SB-34-15 (BOK0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	96.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	106 %	50-150			"	"	"	"	

SB-34-20 (BOK0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	85.7 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	98.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	86.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	96.1 %	50-150			"	"	"	"	
SB-35-2 (B0K0613-32) Soil Sampled: 11/22/00 14:30 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	5.20	5.00	mg/kg dry	1	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	90.6 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	97.3 %	50-150			"	"	"	"	
SB-35-5 (B0K0613-33) Soil Sampled: 11/22/00 14:35 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	192	10.0	mg/kg dry	2	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
Ethylbenzene	ND	0.780	"	"	"	"	"	"	R-03
Xylenes (total)	ND	1.72	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	139 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	114 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-35-10 (B0K0613-34) Soil Sampled: 11/22/00 14:40 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	41.2	5.00	mg/kg dry	1	OK29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.120	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	93.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	101 %	50-150			"	"	"	"	
SB-35-15 (B0K0613-35) Soil Sampled: 11/22/00 14:45 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	1640	100	mg/kg dry	20	OK29025	11/29/00	12/05/00	NWTPH-Gx/8021B	A-01
Benzene	ND	1.00	"	"	"	"	"	"	
Toluene	ND	1.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.38	"	"	"	"	"	"	
Xylenes (total)	ND	11.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	197 %	50-150			"	"	"	"	S-06
Surrogate: 4-BFB (PID)	182 %	50-150			"	"	"	"	S-06
SB-35-20 (B0K0613-36) Soil Sampled: 11/22/00 14:50 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	OK29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	90.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	96.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-35-25 (B0K0613-37) Soil Sampled: 11/22/00 14:55 Received: 11/22/00 16:20									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K29025	11/29/00	12/05/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	90.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	98.3 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-31-2 (B0K0613-01) Soil Sampled: 11/22/00 08:18 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	11400	1030	mg/kg dry	41	OK29005	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	7730	2560	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-01
Surrogate: Octacosane	%	50-150			"	"	"	"	S-01
SB-31-5 (B0K0613-02) Soil Sampled: 11/22/00 08:23 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK29005	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	75.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	84.3 %	50-150			"	"	"	"	
SB-31-10 (B0K0613-03) Soil Sampled: 11/22/00 08:30 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	73.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	77.1 %	50-150			"	"	"	"	
SB-31-15 (B0K0613-04) Soil Sampled: 11/22/00 08:35 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	73.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.2 %	50-150			"	"	"	"	
SB-31-20 (B0K0613-05) Soil Sampled: 11/22/00 08:40 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	79.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.7 %	50-150			"	"	"	"	

Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-31-25 (B0K0613-06) Soil Sampled: 11/22/00 08:45 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	76.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	83.1 %	50-150			"	"	"	"	
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	11.6	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	D-06
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	75.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.8 %	50-150			"	"	"	"	
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	15.7	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	81.1 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.6 %	50-150			"	"	"	"	
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	75.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.4 %	50-150			"	"	"	"	
SB-32-15 (B0K0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	92.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	75.1 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	76.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.5 %	50-150			"	"	"	"	
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	88.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	84.3 %	50-150			"	"	"	"	
SB-42-2 (B0K0613-13) Soil Sampled: 11/22/00 08:12 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	39.5	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	43.9	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	81.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	92.8 %	50-150			"	"	"	"	
SB-42-5 (B0K0613-14) Soil Sampled: 11/22/00 08:22 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	91.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.5 %	50-150			"	"	"	"	
SB-42-10 (B0K0613-15) Soil Sampled: 11/22/00 08:28 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29028	11/29/00	11/30/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	74.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.1 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-39-2 (B0K0613-16) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	2440	50.0	mg/kg dry	5	0K29028	11/29/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	460	125	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-01
Surrogate: Octacosane	89.6 %	50-150			"	"	"	"	
SB-39-5 (B0K0613-17) Soil Sampled: 11/22/00 10:23 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	1300	10.0	mg/kg dry	1	0K30024	11/30/00	12/02/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	157	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-02
Surrogate: Octacosane	85.2 %	50-150			"	"	"	"	
SB-39-10 (B0K0613-18) Soil Sampled: 11/22/00 10:30 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	69.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.8 %	50-150			"	"	"	"	
SB-39-15 (B0K0613-19) Soil Sampled: 11/22/00 10:33 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	72.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.1 %	50-150			"	"	"	"	
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	60.5	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	123	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	81.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	98.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	71.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	79.8 %	50-150			"	"	"	"	
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	76.1 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.2 %	50-150			"	"	"	"	
SB-33-15 (B0K0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	71.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.8 %	50-150			"	"	"	"	
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK30012	11/30/00	12/02/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	71.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	90.4 %	50-150			"	"	"	"	
SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	73.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.3 %	50-150			"	"	"	"	



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	1200	30.0	mg/kg dry	3	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	1910	75.0	"	"	"	"	"	"	
Surrogate: 2-FBP	92.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	96.0 %	50-150			"	"	"	"	
SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	65.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.0 %	50-150			"	"	"	"	
SB-34-10 (B0K0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	69.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.6 %	50-150			"	"	"	"	
SB-34-15 (B0K0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	76.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	87.1 %	50-150			"	"	"	"	
SB-34-20 (B0K0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	71.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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Foster Wheeler Environmental Corporation
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	75.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.2 %	50-150			"	"	"	"	
SB-35-2 (B0K0613-32) Soil Sampled: 11/22/00 14:30 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	22.9	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	D-06
Lube Oil Range Hydrocarbons	51.7	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	71.1 %	50-150			"	"	"	"	
Surrogate: Octacosane	87.5 %	50-150			"	"	"	"	
SB-35-5 (B0K0613-33) Soil Sampled: 11/22/00 14:35 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	1190	50.0	mg/kg dry	5	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	631	125	"	"	"	"	"	"	
Surrogate: 2-FBP	98.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	89.8 %	50-150			"	"	"	"	
SB-35-10 (B0K0613-34) Soil Sampled: 11/22/00 14:40 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	381	10.0	mg/kg dry	1	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	58.3	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	74.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	91.0 %	50-150			"	"	"	"	
SB-35-15 (B0K0613-35) Soil Sampled: 11/22/00 14:45 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	9440	210	mg/kg dry	21	OK30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	1160	525	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-01
Surrogate: Octacosane	96.7 %	50-150			"	"	"	"	

Aman Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-35-20 (B0K0613-36) Soil Sampled: 11/22/00 14:50 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K30012	11/30/00	12/01/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	74.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	87.9 %	50-150			"	"	"	"	
SB-35-25 (B0K0613-37) Soil Sampled: 11/22/00 14:55 Received: 11/22/00 16:20									
Diesel Range Hydrocarbons	46.9	10.0	mg/kg dry	1	0K30012	11/30/00	12/02/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	84.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	90.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Amy Gill, Project Manager



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

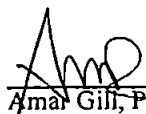
Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-31-2 (B0K0613-01) Soil Sampled: 11/22/00 08:18 Received: 11/22/00 16:20									
Lead	53.9	0.342	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-31-5 (B0K0613-02) Soil Sampled: 11/22/00 08:23 Received: 11/22/00 16:20									
Lead	5.18	0.329	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-31-10 (B0K0613-03) Soil Sampled: 11/22/00 08:30 Received: 11/22/00 16:20									
Lead	3.43	0.370	mg/kg dry	1	0L02017	12/02/00	12/04/00	EPA 6020	
SB-31-15 (B0K0613-04) Soil Sampled: 11/22/00 08:35 Received: 11/22/00 16:20									
Lead	2.30	0.347	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
SB-31-20 (B0K0613-05) Soil Sampled: 11/22/00 08:40 Received: 11/22/00 16:20									
Lead	2.14	0.357	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
SB-31-25 (B0K0613-06) Soil Sampled: 11/22/00 08:45 Received: 11/22/00 16:20									
Lead	1.80	0.365	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20									
Silver	ND	0.360	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
Arsenic	3.64	0.360	"	"	"	"	"	"	
Beryllium	ND	0.360	"	"	"	"	"	"	
Cadmium	ND	0.360	"	"	"	"	"	"	
Chromium	37.1	0.360	"	"	"	"	"	"	
Copper	9.71	0.360	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	37.4	0.360	"	"	0L02017	12/02/00	12/05/00	EPA 6020	
Lead	2.91	0.360	"	"	"	"	"	"	
Antimony	ND	0.360	"	"	"	"	"	"	
Selenium	ND	0.360	"	"	"	"	"	"	
Thallium	ND	0.360	"	"	"	"	"	"	
Zinc	36.3	3.60	"	"	"	"	"	"	

North Creek Analytical - Bothell

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 Amar Gili, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported: 12/08/00 15:15

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
Silver	ND	0.350	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
Arsenic	2.69	0.350	"	"	"	"	"	"	
Beryllium	ND	0.350	"	"	"	"	"	"	
Cadmium	ND	0.350	"	"	"	"	"	"	
Chromium	41.4	0.350	"	"	"	"	"	"	
Copper	27.1	0.350	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	57.1	0.350	"	"	0L02017	12/02/00	12/05/00	EPA 6020	
Lead	3.45	0.350	"	"	"	"	"	"	
Antimony	ND	0.350	"	"	"	"	"	"	
Selenium	ND	0.350	"	"	"	"	"	"	
Thallium	ND	0.350	"	"	"	"	"	"	
	44.8	3.50	"	"	"	"	"	"	

2-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
Silver	ND	0.340	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
Arsenic	4.07	0.340	"	"	"	"	"	"	
Beryllium	0.392	0.340	"	"	"	"	"	"	
Cadmium	0.467	0.340	"	"	"	"	"	"	
Chromium	52.3	0.340	"	"	"	"	"	"	
Copper	35.0	0.340	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	81.1	0.340	"	"	0L02017	12/02/00	12/05/00	EPA 6020	
Lead	5.28	0.340	"	"	"	"	"	"	
Antimony	ND	0.340	"	"	"	"	"	"	
Selenium	ND	0.340	"	"	"	"	"	"	
Thallium	ND	0.340	"	"	"	"	"	"	
Zinc	69.9	3.40	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amos Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-15 (B0K0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20									
Silver	ND	0.376	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
Arsenic	2.52	0.376	"	"	"	"	"	"	
Beryllium	ND	0.376	"	"	"	"	"	"	
Cadmium	ND	0.376	"	"	"	"	"	"	
Chromium	37.4	0.376	"	"	"	"	"	"	
Copper	21.8	0.376	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	51.5	0.376	"	"	0L02017	12/02/00	12/05/00	EPA 6020	
Lead	2.89	0.376	"	"	"	"	"	"	
Antimony	ND	0.376	"	"	"	"	"	"	
Selenium	ND	0.376	"	"	"	"	"	"	
Thallium	ND	0.376	"	"	"	"	"	"	
Zinc	43.9	3.76	"	"	"	"	"	"	

SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Silver	ND	0.345	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
Arsenic	2.49	0.345	"	"	"	"	"	"	
Beryllium	ND	0.345	"	"	"	"	"	"	
Cadmium	ND	0.345	"	"	"	"	"	"	
Chromium	30.3	0.345	"	"	"	"	"	"	
Copper	15.6	0.345	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	40.8	0.345	"	"	0L02017	12/02/00	12/05/00	EPA 6020	
Lead	2.15	0.345	"	"	"	"	"	"	
Antimony	ND	0.345	"	"	"	"	"	"	
Selenium	0.455	0.345	"	"	"	"	"	"	
Thallium	ND	0.345	"	"	"	"	"	"	
Zinc	33.3	3.45	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II

Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20									
Silver	ND	0.345	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
Arsenic	2.47	0.345	"	"	"	"	"	"	
Beryllium	ND	0.345	"	"	"	"	"	"	
Cadmium	ND	0.345	"	"	"	"	"	"	
Chromium	24.0	0.345	"	"	"	"	"	"	
Copper	12.5	0.345	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	33.9	0.345	"	"	0L02017	12/02/00	12/05/00	EPA 6020	
Lead	1.77	0.345	"	"	"	"	"	"	
Antimony	ND	0.345	"	"	"	"	"	"	
Selenium	ND	0.345	"	"	"	"	"	"	
Thallium	ND	0.345	"	"	"	"	"	"	
	27.9	3.45	"	"	"	"	"	"	
12-2 (B0K0613-13) Soil Sampled: 11/22/00 08:12 Received: 11/22/00 16:20									
Lead	3.48	0.365	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
SB-42-5 (B0K0613-14) Soil Sampled: 11/22/00 08:22 Received: 11/22/00 16:20									
Lead	2.33	0.360	mg/kg dry	1	0L02017	12/02/00	12/05/00	EPA 6020	
SB-42-10 (B0K0613-15) Soil Sampled: 11/22/00 08:28 Received: 11/22/00 16:20									
Lead	2.06	0.350	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-39-2 (B0K0613-16) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Lead	5.73	0.360	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-39-5 (B0K0613-17) Soil Sampled: 11/22/00 10:23 Received: 11/22/00 16:20									
Lead	3.68	0.352	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-39-10 (B0K0613-18) Soil Sampled: 11/22/00 10:30 Received: 11/22/00 16:20									
Lead	4.80	0.360	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-39-15 (B0K0613-19) Soil Sampled: 11/22/00 10:33 Received: 11/22/00 16:20									
Lead	2.47	0.333	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Silver	ND	0.312	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	4.23	0.312	"	"	"	"	"	"	
Beryllium	0.379	0.312	"	"	"	"	"	"	
Cadmium	0.557	0.312	"	"	"	"	"	"	
Chromium	46.8	0.312	"	"	"	"	"	"	
Copper	19.8	0.312	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	37.3	0.312	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	8.46	0.312	"	"	"	"	"	"	
Antimony	ND	0.312	"	"	"	"	"	"	
Selenium	ND	0.312	"	"	"	"	"	"	
Thallium	ND	0.312	"	"	"	"	"	"	
Zinc	78.5	3.12	"	"	"	"	"	"	
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Silver	ND	0.347	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	2.07	0.347	"	"	"	"	"	"	
Beryllium	ND	0.347	"	"	"	"	"	"	
Cadmium	0.637	0.347	"	"	"	"	"	"	
Chromium	46.5	0.347	"	"	"	"	"	"	
Copper	13.1	0.347	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	37.5	0.347	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	2.22	0.347	"	"	"	"	"	"	
Antimony	ND	0.347	"	"	"	"	"	"	
Selenium	ND	0.347	"	"	"	"	"	"	
Thallium	ND	0.347	"	"	"	"	"	"	
Zinc	30.3	3.47	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
Silver	ND	0.331	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	3.08	0.331	"	"	"	"	"	"	
Beryllium	ND	0.331	"	"	"	"	"	"	
Cadmium	0.728	0.331	"	"	"	"	"	"	
Chromium	41.3	0.331	"	"	"	"	"	"	
Copper	24.1	0.331	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	60.9	0.331	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	2.99	0.331	"	"	"	"	"	"	
Antimony	ND	0.331	"	"	"	"	"	"	
Selenium	ND	0.331	"	"	"	"	"	"	
Thallium	ND	0.331	"	"	"	"	"	"	
Zinc	44.4	3.31	"	"	"	"	"	"	

SB-33-15 (B0K0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
Silver	ND	0.345	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	8.16	0.345	"	"	"	"	"	"	
Beryllium	0.377	0.345	"	"	"	"	"	"	
Cadmium	0.654	0.345	"	"	"	"	"	"	
Chromium	63.6	0.345	"	"	"	"	"	"	
Copper	47.8	0.345	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L05037	12/05/00	12/06/00	EPA 7471A	
Nickel	72.3	0.345	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	6.92	0.345	"	"	"	"	"	"	
Antimony	ND	0.345	"	"	"	"	"	"	
Selenium	0.580	0.345	"	"	"	"	"	"	
Thallium	ND	0.345	"	"	"	"	"	"	
Zinc	74.2	3.45	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Silver	ND	0.360	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	2.73	0.360	"	"	"	"	"	"	
Beryllium	ND	0.360	"	"	"	"	"	"	
Cadmium	0.493	0.360	"	"	"	"	"	"	
Chromium	36.6	0.360	"	"	"	"	"	"	
Copper	18.7	0.360	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	50.1	0.360	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	2.49	0.360	"	"	"	"	"	"	
Antimony	ND	0.360	"	"	"	"	"	"	
Selenium	ND	0.360	"	"	"	"	"	"	
Thallium	ND	0.360	"	"	"	"	"	"	
Zinc	39.0	3.60	"	"	"	"	"	"	

SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Silver	ND	0.362	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	7.41	0.362	"	"	"	"	"	"	
Beryllium	ND	0.362	"	"	"	"	"	"	
Cadmium	ND	0.362	"	"	"	"	"	"	
Chromium	29.9	0.362	"	"	"	"	"	"	
Copper	15.0	0.362	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	46.0	0.362	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	1.95	0.362	"	"	"	"	"	"	
Antimony	ND	0.362	"	"	"	"	"	"	
Selenium	ND	0.362	"	"	"	"	"	"	
Thallium	ND	0.362	"	"	"	"	"	"	
Zinc	31.8	3.62	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
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Page 30 of 132



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Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
12100 NE 195th Street
Bothell WA, 98011

Project: West Commodore Way Phase II
Project Number: n/a
Project Manager: Bryan Graham

Reported:
12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Silver	ND	0.365	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	7.38	0.365	"	"	"	"	"	"	
Beryllium	0.463	0.365	"	"	"	"	"	"	
Cadmium	0.712	0.365	"	"	"	"	"	"	
Chromium	54.7	0.365	"	"	"	"	"	"	
Copper	21.3	0.365	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	50.8	0.365	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	17.1	0.365	"	"	"	"	"	"	
Antimony	ND	0.365	"	"	"	"	"	"	
Selenium	ND	0.365	"	"	"	"	"	"	
Thallium	ND	0.365	"	"	"	"	"	"	
Zinc	105	3.65	"	"	"	"	"	"	

SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
Silver	ND	0.355	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	2.26	0.355	"	"	"	"	"	"	
Beryllium	ND	0.355	"	"	"	"	"	"	
Cadmium	ND	0.355	"	"	"	"	"	"	
Chromium	28.8	0.355	"	"	"	"	"	"	
Copper	13.0	0.355	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	41.6	0.355	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	2.26	0.355	"	"	"	"	"	"	
Antimony	ND	0.355	"	"	"	"	"	"	
Selenium	ND	0.355	"	"	"	"	"	"	
Thallium	ND	0.355	"	"	"	"	"	"	
Zinc	30.7	3.55	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Page 31 of 132



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-10 (B0K0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20									
Silver	ND	0.362	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	3.81	0.362	"	"	"	"	"	"	
Beryllium	ND	0.362	"	"	"	"	"	"	
Cadmium	0.488	0.362	"	"	"	"	"	"	
Chromium	46.5	0.362	"	"	"	"	"	"	
Copper	30.3	0.362	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	68.7	0.362	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	3.62	0.362	"	"	"	"	"	"	
Antimony	ND	0.362	"	"	"	"	"	"	
Selenium	ND	0.362	"	"	"	"	"	"	
Thallium	ND	0.362	"	"	"	"	"	"	
Zinc	53.2	3.62	"	"	"	"	"	"	
SB-34-15 (B0K0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20									
Silver	ND	0.345	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	2.30	0.345	"	"	"	"	"	"	
Beryllium	ND	0.345	"	"	"	"	"	"	
Cadmium	ND	0.345	"	"	"	"	"	"	
Chromium	40.5	0.345	"	"	"	"	"	"	
Copper	21.4	0.345	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	55.7	0.345	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	2.82	0.345	"	"	"	"	"	"	
Antimony	ND	0.345	"	"	"	"	"	"	
Selenium	ND	0.345	"	"	"	"	"	"	
Thallium	ND	0.345	"	"	"	"	"	"	
Zinc	43.0	3.45	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-20 (B0K0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20									
Silver	ND	0.325	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	1.80	0.325	"	"	"	"	"	"	
Beryllium	ND	0.325	"	"	"	"	"	"	
Cadmium	ND	0.325	"	"	"	"	"	"	
Chromium	34.0	0.325	"	"	"	"	"	"	
Copper	16.4	0.325	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	46.8	0.325	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	2.30	0.325	"	"	"	"	"	"	
Antimony	ND	0.325	"	"	"	"	"	"	
Selenium	ND	0.325	"	"	"	"	"	"	
Thallium	ND	0.325	"	"	"	"	"	"	
	34.8	3.25	"	"	"	"	"	"	

34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
Silver	ND	0.365	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
Arsenic	3.82	0.365	"	"	"	"	"	"	
Beryllium	ND	0.365	"	"	"	"	"	"	
Cadmium	ND	0.365	"	"	"	"	"	"	
Chromium	29.4	0.365	"	"	"	"	"	"	
Copper	16.4	0.365	"	"	"	"	"	"	
Mercury	ND	0.100	"	"	0L07015	12/07/00	12/08/00	EPA 7471A	
Nickel	41.8	0.365	"	"	0L02018	12/02/00	12/05/00	EPA 6020	
Lead	1.95	0.365	"	"	"	"	"	"	
Antimony	ND	0.365	"	"	"	"	"	"	
Selenium	ND	0.365	"	"	"	"	"	"	
Thallium	ND	0.365	"	"	"	"	"	"	
Zinc	31.6	3.65	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-35-2 (B0K0613-32) Soil	Sampled: 11/22/00 14:30 Received: 11/22/00 16:20								
Lead	115	0.345	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-35-5 (B0K0613-33) Soil	Sampled: 11/22/00 14:35 Received: 11/22/00 16:20								
Lead	26.6	0.362	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-35-10 (B0K0613-34) Soil	Sampled: 11/22/00 14:40 Received: 11/22/00 16:20								
Lead	12.9	0.362	mg/kg dry	1	0L02018	12/02/00	12/05/00	EPA 6020	
SB-35-15 (B0K0613-35) Soil	Sampled: 11/22/00 14:45 Received: 11/22/00 16:20								
Lead	2.68	0.350	mg/kg dry	1	0L02019	12/02/00	12/05/00	EPA 6020	
SB-35-20 (B0K0613-36) Soil	Sampled: 11/22/00 14:50 Received: 11/22/00 16:20								
Lead	2.22	0.347	mg/kg dry	1	0L02019	12/02/00	12/05/00	EPA 6020	
SB-35-25 (B0K0613-37) Soil	Sampled: 11/22/00 14:55 Received: 11/22/00 16:20								
Lead	2.07	0.321	mg/kg dry	1	0L02019	12/02/00	12/05/00	EPA 6020	

Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20										
Acetone	ND	1.00		mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100		"	"	"	"	"	"	
Bromobenzene	ND	0.100		"	"	"	"	"	"	
Bromochloromethane	ND	0.100		"	"	"	"	"	"	
Bromodichloromethane	ND	0.100		"	"	"	"	"	"	
Bromoform	ND	0.100		"	"	"	"	"	"	
Bromomethane	ND	0.100		"	"	"	"	"	"	
2-Butanone	ND	1.00		"	"	"	"	"	"	
n-Butylbenzene	ND	0.100		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100		"	"	"	"	"	"	
Carbon disulfide	ND	0.100		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100		"	"	"	"	"	"	
Chlorobenzene	ND	0.100		"	"	"	"	"	"	
Chloroethane	ND	0.100		"	"	"	"	"	"	
Chloroform	ND	0.100		"	"	"	"	"	"	
Chloromethane	ND	0.500		"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
Dibromochloromethane	ND	0.100		"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500		"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100		"	"	"	"	"	"	
Dibromomethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100		"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	124 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	90.0 %	70-130			"	"	"	"	
Surrogate: 4-BFB	87.0 %	70-130			"	"	"	"	



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20										
Acetone	ND	1.00		mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100		"	"	"	"	"	"	
Bromobenzene	ND	0.100		"	"	"	"	"	"	
Bromochloromethane	ND	0.100		"	"	"	"	"	"	
Bromodichloromethane	ND	0.100		"	"	"	"	"	"	
Bromoform	ND	0.100		"	"	"	"	"	"	
Bromomethane	ND	0.100		"	"	"	"	"	"	
2-Butanone	ND	1.00		"	"	"	"	"	"	
n-Butylbenzene	ND	0.100		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100		"	"	"	"	"	"	
Carbon disulfide	ND	0.100		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100		"	"	"	"	"	"	
Chlorobenzene	ND	0.100		"	"	"	"	"	"	
Chloroethane	ND	0.100		"	"	"	"	"	"	
Chloroform	ND	0.100		"	"	"	"	"	"	
Chloromethane	ND	0.500		"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
Dibromochloromethane	ND	0.100		"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500		"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100		"	"	"	"	"	"	
Dibromomethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100		"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	116 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	84.9 %	70-130			"	"	"	"	
Surrogate: 4-BFB	80.3 %	70-130			"	"	"	"	



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20										
Acetone	ND	1.00		mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100		"	"	"	"	"	"	"
Bromobenzene	ND	0.100		"	"	"	"	"	"	"
Bromochloromethane	ND	0.100		"	"	"	"	"	"	"
Bromodichloromethane	ND	0.100		"	"	"	"	"	"	"
Bromoform	ND	0.100		"	"	"	"	"	"	"
Bromomethane	ND	0.100		"	"	"	"	"	"	"
2-Butanone	ND	1.00		"	"	"	"	"	"	"
n-Butylbenzene	ND	0.100		"	"	"	"	"	"	"
sec-Butylbenzene	ND	0.100		"	"	"	"	"	"	"
tert-Butylbenzene	ND	0.100		"	"	"	"	"	"	"
Carbon disulfide	ND	0.100		"	"	"	"	"	"	"
Carbon tetrachloride	ND	0.100		"	"	"	"	"	"	"
o-xylene	ND	0.100		"	"	"	"	"	"	"
Chloroethane	ND	0.100		"	"	"	"	"	"	"
Chloroform	ND	0.100		"	"	"	"	"	"	"
Chloromethane	ND	0.500		"	"	"	"	"	"	"
2-Chlorotoluene	ND	0.100		"	"	"	"	"	"	"
4-Chlorotoluene	ND	0.100		"	"	"	"	"	"	"
Dibromochloromethane	ND	0.100		"	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.500		"	"	"	"	"	"	"
1,2-Dibromoethane	ND	0.100		"	"	"	"	"	"	"
Dibromomethane	ND	0.100		"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.100		"	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.100		"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.100		"	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.100		"	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.100		"	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.100		"	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	"

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.271	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	117 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	85.8 %	70-130			"	"	"	"	
Surrogate: 4-BFB	82.6 %	70-130			"	"	"	"	



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-32-15 (B0K0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20										
Acetone	ND	1.00		mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100		"	"	"	"	"	"	
Bromobenzene	ND	0.100		"	"	"	"	"	"	
Bromochloromethane	ND	0.100		"	"	"	"	"	"	
Bromodichloromethane	ND	0.100		"	"	"	"	"	"	
Bromoform	ND	0.100		"	"	"	"	"	"	
Bromomethane	ND	0.100		"	"	"	"	"	"	
2-Butanone	ND	1.00		"	"	"	"	"	"	
n-Butylbenzene	ND	0.100		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100		"	"	"	"	"	"	
Carbon disulfide	ND	0.100		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100		"	"	"	"	"	"	
Chlorobenzene	ND	0.100		"	"	"	"	"	"	
Chloroethane	ND	0.100		"	"	"	"	"	"	
Chloroform	ND	0.100		"	"	"	"	"	"	
Chloromethane	ND	0.500		"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
Dibromochloromethane	ND	0.100		"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500		"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100		"	"	"	"	"	"	
Dibromomethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100		"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-15 (BOK0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.381	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	121 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	90.0 %	70-130			"	"	"	"	
Surrogate: 4-BFB	84.6 %	70-130			"	"	"	"	



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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.413	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	125 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	91.4 %	70-130			"	"	"	"	
Surrogate: 4-BFB	85.0 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20										
Acetone	ND	1.00		mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100		"	"	"	"	"	"	
Bromobenzene	ND	0.100		"	"	"	"	"	"	
Bromochloromethane	ND	0.100		"	"	"	"	"	"	
Bromodichloromethane	ND	0.100		"	"	"	"	"	"	
Bromoform	ND	0.100		"	"	"	"	"	"	
Bromomethane	ND	0.100		"	"	"	"	"	"	
2-Butanone	ND	1.00		"	"	"	"	"	"	
n-Butylbenzene	ND	0.100		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100		"	"	"	"	"	"	
Carbon disulfide	ND	0.100		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100		"	"	"	"	"	"	
o-xylene	ND	0.100		"	"	"	"	"	"	
o-xylene	ND	0.100		"	"	"	"	"	"	
Chloroethane	ND	0.100		"	"	"	"	"	"	
Chloroform	ND	0.100		"	"	"	"	"	"	
Chloromethane	ND	0.500		"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100		"	"	"	"	"	"	
Dibromochloromethane	ND	0.100		"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500		"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100		"	"	"	"	"	"	
Dibromomethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100		"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100		"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.545	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	118 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	84.5 %	70-130			"	"	"	"	
Surrogate: 4-BFB	79.8 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
o-xylene	ND	0.100	"	"	"	"	"	"	
o-xylene	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	0.417	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	116 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	85.1 %	70-130			"	"	"	"	
Surrogate: 4-BFB	78.1 %	70-130			"	"	"	"	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	116 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	86.7 %	70-130			"	"	"	"	
Surrogate: 4-BFB	79.2 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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Aman Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	0K28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
o-xylene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.247	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	113 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	85.7 %	70-130			"	"	"	"	
Surrogate: 4-BFB	77.8 %	70-130			"	"	"	"	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-15 (B0K0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	0K28037	11/27/00	12/02/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-33-15 (BOK0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20										
Ethylbenzene	ND	0.100		mg/kg dry	1	0K28037	11/27/00	12/02/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100		"	"	"	"	"	"	
2-Hexanone	ND	1.00		"	"	"	"	"	"	
Isopropylbenzene	ND	0.100		"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100		"	"	"	"	"	"	
Methylene chloride	ND	1.00		"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00		"	"	"	"	"	"	
Naphthalene	ND	0.100		"	"	"	"	"	"	
n-Propylbenzene	ND	0.100		"	"	"	"	"	"	
Styrene	ND	0.100		"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100		"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100		"	"	"	"	"	"	
Tetrachloroethene	ND	0.100		"	"	"	"	"	"	
Toluene	ND	0.100		"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100		"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100		"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100		"	"	"	"	"	"	
Trichloroethene	0.360	0.100		"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100		"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100		"	"	"	"	"	"	
Vinyl chloride	ND	0.100		"	"	"	"	"	"	
m,p-Xylene	ND	0.200		"	"	"	"	"	"	
o-Xylene	ND	0.100		"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	115 %	70-130				"	"	"	"	
Surrogate: Toluene-d8	84.6 %	70-130				"	"	"	"	
Surrogate: 4-BFB	76.9 %	70-130				"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amanda Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.266	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	125 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	90.2 %	70-130			"	"	"	"	
Surrogate: 4-BFB	83.4 %	70-130			"	"	"	"	



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	"
Bromobenzene	ND	0.100	"	"	"	"	"	"	"
Bromochloromethane	ND	0.100	"	"	"	"	"	"	"
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	"
Bromoform	ND	0.100	"	"	"	"	"	"	"
Bromomethane	ND	0.100	"	"	"	"	"	"	"
2-Butanone	ND	1.00	"	"	"	"	"	"	"
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
Carbon disulfide	ND	0.100	"	"	"	"	"	"	"
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	"
o-xylene	ND	0.100	"	"	"	"	"	"	"
m-xylene	ND	0.100	"	"	"	"	"	"	"
p-xylene	ND	0.100	"	"	"	"	"	"	"
Chloroethane	ND	0.100	"	"	"	"	"	"	"
Chloroform	ND	0.100	"	"	"	"	"	"	"
Chloromethane	ND	0.500	"	"	"	"	"	"	"
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	"
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	"
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	"
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	"
Dibromomethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	"

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-25 (BOK0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/02/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	114 %	70-130				"	"	"	
Surrogate: Toluene-d8	82.5 %	70-130				"	"	"	
Surrogate: 4-BFB	76.0 %	70-130				"	"	"	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
o-xylene	ND	0.100	"	"	"	"	"	"	
p-xylene	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	119 %	70-130							
Surrogate: Toluene-d8	88.0 %	70-130							
Surrogate: 4-BFB	79.5 %	70-130							

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Volatile Organic Compounds by EPA Method 8260B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/02/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.119	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	120 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	86.2 %	70-130			"	"	"	"	
Surrogate: 4-BFB	77.8 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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Anna Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-10 (B0K0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	11/30/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-10 (B0K0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	11/30/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.213	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	94.7 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	97.8 %	70-130			"	"	"	"	
Surrogate: 4-BFB	87.1 %	70-130			"	"	"	"	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-15 (B0K0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	11/30/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-15 (BOK0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	11/30/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.332	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	103 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	"	
Surrogate: 4-BFB	87.2 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-20 (B0K0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/02/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	"
Bromobenzene	ND	0.100	"	"	"	"	"	"	"
Bromochloromethane	ND	0.100	"	"	"	"	"	"	"
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	"
Bromoform	ND	0.100	"	"	"	"	"	"	"
Bromomethane	ND	0.100	"	"	"	"	"	"	"
2-Butanone	ND	1.00	"	"	"	"	"	"	"
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
Carbon disulfide	ND	0.100	"	"	"	"	"	"	"
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	"
Chlorobenzene	ND	0.100	"	"	"	"	"	"	"
Chloroethane	ND	0.100	"	"	"	"	"	"	"
Chloroform	ND	0.100	"	"	"	"	"	"	"
Chloromethane	ND	0.500	"	"	"	"	"	"	"
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	"
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	"
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	"
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	"
Dibromomethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	"

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-20 (B0K0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	0K28037	11/27/00	12/02/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.422	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	122 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	87.7 %	70-130			"	"	"	"	
Surrogate: 4-BFB	79.5 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
Acetone	ND	1.00	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	
Bromoform	ND	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.100	"	"	"	"	"	"	
2-Butanone	ND	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	
o-xylene	ND	0.100	"	"	"	"	"	"	
m-xylene	ND	0.100	"	"	"	"	"	"	
Chloroform	ND	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
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Page 69 of 132



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425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
12100 NE 195th Street
Bothell WA, 98011

Project: West Commodore Way Phase II
Project Number: n/a
Project Manager: Bryan Graham

Reported:
12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
Ethylbenzene	ND	0.100	mg/kg dry	1	OK28037	11/27/00	12/01/00	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	"	"	"	"	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.100	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.100	"	"	"	"	"	"	
Styrene	ND	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	0.209	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	116 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	85.2 %	70-130			"	"	"	"	
Surrogate: 4-BFB	79.9 %	70-130			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc. Page 70 of 132
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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20										
Acenaphthene	ND	0.330		mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330		"	"	"	"	"	"	
Aniline	ND	0.330		"	"	"	"	"	"	
Anthracene	ND	0.330		"	"	"	"	"	"	
Benzoic Acid	ND	1.00		"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330		"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330		"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330		"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330		"	"	"	"	"	"	
Benzyl alcohol	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330		"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330		"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330		"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330		"	"	"	"	"	"	
Carbazole	ND	0.330		"	"	"	"	"	"	
4-Chloroaniline	ND	0.500		"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330		"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330		"	"	"	"	"	"	
2-Chlorophenol	ND	0.330		"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330		"	"	"	"	"	"	
Chrysene	ND	0.330		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330		"	"	"	"	"	"	
Dibenzofuran	ND	0.330		"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00		"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330		"	"	"	"	"	"	
Diethyl phthalate	ND	0.330		"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330		"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330		"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500		"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500		"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	99.5 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	100 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	115 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	97.4 %	10-126			"	"	"	"	
Surrogate: 2-FBP	108 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	124 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	"
Aniline	ND	0.330	"	"	"	"	"	"	"
Anthracene	ND	0.330	"	"	"	"	"	"	"
Benzoic Acid	ND	1.00	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	"
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	"
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	"
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	"
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	"
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	"
Carbazole	ND	0.330	"	"	"	"	"	"	"
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	"
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	"
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	"
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	"
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	"
Chrysene	ND	0.330	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	"
Dibenzofuran	ND	0.330	"	"	"	"	"	"	"
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	"
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	"
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	"
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	"
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	"
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	"
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	"

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	82.8 %	10-123							
Surrogate: Phenol-d6	86.4 %	10-130							
Surrogate: 2,4,6-TBP	88.9 %	10-131							
Surrogate: Nitrobenzene-d5	86.9 %	10-126							
Surrogate: 2-FBP	99.0 %	24-125							
Surrogate: p-Terphenyl-d14	116 %	45-135							

North Creek Analytical - Bothell

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Aman Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	"
Aniline	ND	0.330	"	"	"	"	"	"	"
Anthracene	ND	0.330	"	"	"	"	"	"	"
Benzoic Acid	ND	1.00	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	"
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	"
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	"
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	"
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	"
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	"
Carbazole	ND	0.330	"	"	"	"	"	"	"
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	"
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	"
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	"
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	"
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	"
Chrysene	ND	0.330	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	"
Dibenzofuran	ND	0.330	"	"	"	"	"	"	"
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	"
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	"
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	"
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	"
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	"
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	"
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	"

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	92.2 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	92.2 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	106 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	91.7 %	10-126			"	"	"	"	
Surrogate: 2-FBP	103 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	118 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amir Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-15 (B0K0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-15 (B0K0613-10) Soil Sampled: 11/22/00 10:10 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	79.9 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	89.1 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	78.3 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	87.5 %	10-126			"	"	"	"	
Surrogate: 2-FBP	101 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	115 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Arma Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-20 (B0K0613-11) Soil Sampled: 11/22/00 10:15 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	70.5 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	91.8 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	53.3 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	97.3 %	10-126			"	"	"	"	
Surrogate: 2-FBP	108 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	123 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amy Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-25 (B0K0613-12) Soil Sampled: 11/22/00 10:20 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	66.2 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	85.4 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	45.5 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	90.9 %	10-126			"	"	"	"	
Surrogate: 2-FBP	104 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	115 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a Reported: 12/08/00 15:15
 Bothell WA, 98011 Project Manager: Bryan Graham

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Acenaphthene	ND	1.65	mg/kg dry	5	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	1.65	"	"	"	"	"	"	
Aniline	ND	1.65	"	"	"	"	"	"	
Anthracene	ND	1.65	"	"	"	"	"	"	
Benzoic Acid	ND	5.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	1.65	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	1.65	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	1.65	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	1.65	"	"	"	"	"	"	
Benzo (a) pyrene	ND	1.65	"	"	"	"	"	"	
Benzyl alcohol	ND	1.65	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	1.65	"	"	"	"	"	"	
Di-(2-chloroethyl)ether	ND	1.65	"	"	"	"	"	"	
-chloroisopropyl)ether	ND	1.65	"	"	"	"	"	"	
-ethylhexyl)phthalate	ND	1.65	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	1.65	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	1.65	"	"	"	"	"	"	
Carbazole	ND	1.65	"	"	"	"	"	"	
4-Chloroaniline	ND	2.50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	1.65	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.65	"	"	"	"	"	"	
2-Chlorophenol	ND	1.65	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	1.65	"	"	"	"	"	"	
Chrysene	ND	1.65	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.65	"	"	"	"	"	"	
Dibenzofuran	ND	1.65	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	1.65	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.65	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.65	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.65	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	25.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.65	"	"	"	"	"	"	
Diethyl phthalate	ND	1.65	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.65	"	"	"	"	"	"	
Dimethyl phthalate	ND	1.65	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	2.50	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	2.50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	2.50	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	2.50	mg/kg dry	5	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	1.65	"	"	"	"	"	"	
Fluoranthene	ND	1.65	"	"	"	"	"	"	
Fluorene	ND	1.65	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.65	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.65	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	2.50	"	"	"	"	"	"	
Hexachloroethane	ND	1.65	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.65	"	"	"	"	"	"	
Isophorone	ND	1.65	"	"	"	"	"	"	
2-Methylnaphthalene	ND	1.65	"	"	"	"	"	"	
2-Methylphenol	ND	1.65	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	1.65	"	"	"	"	"	"	
Naphthalene	ND	1.65	"	"	"	"	"	"	
2-Nitroaniline	ND	2.50	"	"	"	"	"	"	
3-Nitroaniline	ND	2.50	"	"	"	"	"	"	
4-Nitroaniline	ND	2.50	"	"	"	"	"	"	
Nitrobenzene	ND	1.65	"	"	"	"	"	"	
2-Nitrophenol	ND	1.65	"	"	"	"	"	"	
4-Nitrophenol	ND	2.50	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	1.65	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	1.65	"	"	"	"	"	"	
Pentachlorophenol	ND	2.50	"	"	"	"	"	"	
Phenanthrene	ND	1.65	"	"	"	"	"	"	
Phenol	ND	1.65	"	"	"	"	"	"	
Pyrene	ND	1.65	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.65	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.65	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.65	"	"	"	"	"	"	
Surrogate: 2-FP	96.0 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	96.5 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	91.6 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	90.1 %	10-126			"	"	"	"	
Surrogate: 2-FBP	111 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	117 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a Reported:
 Bothell WA, 98011 Project Manager: Bryan Graham 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	60.6 %	10-123							
Surrogate: Phenol-d6	84.0 %	10-130							
Surrogate: 2,4,6-TBP	39.6 %	10-131							
Surrogate: Nitrobenzene-d5	92.0 %	10-126							
Surrogate: 2-FBP	104 %	24-125							
Surrogate: p-Terphenyl-d14	115 %	45-135							

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-33-10 (BOK0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20										
Acenaphthene	ND	0.330		mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330		"	"	"	"	"	"	
Aniline	ND	0.330		"	"	"	"	"	"	
Anthracene	ND	0.330		"	"	"	"	"	"	
Benzoic Acid	ND	1.00		"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330		"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330		"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330		"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330		"	"	"	"	"	"	
Benzyl alcohol	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330		"	"	"	"	"	"	
2-chloroisopropyl)ether	ND	0.330		"	"	"	"	"	"	
2-ethylhexyl)phthalate	ND	0.330		"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330		"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330		"	"	"	"	"	"	
Carbazole	ND	0.330		"	"	"	"	"	"	
4-Chloroaniline	ND	0.500		"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330		"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330		"	"	"	"	"	"	
2-Chlorophenol	ND	0.330		"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330		"	"	"	"	"	"	
Chrysene	ND	0.330		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330		"	"	"	"	"	"	
Dibenzofuran	ND	0.330		"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00		"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330		"	"	"	"	"	"	
Diethyl phthalate	ND	0.330		"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330		"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330		"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500		"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500		"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	84.8 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	88.0 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	91.1 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	85.3 %	10-126			"	"	"	"	
Surrogate: 2-FBP	95.3 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	111 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Semivolatile Organic Compounds by EPA Method 8270C
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-15 (BOK0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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[Signature]
 Bryan Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-15 (B0K0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	80.1 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	88.3 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	71.4 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	90.3 %	10-126			"	"	"	"	
Surrogate: 2-FBP	103 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	115 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	"
Aniline	ND	0.330	"	"	"	"	"	"	"
Anthracene	ND	0.330	"	"	"	"	"	"	"
Benzoic Acid	ND	1.00	"	"	"	"	"	"	"
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	"
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	"
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	"
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	"
(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	"
(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	"
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	"
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	"
Carbazole	ND	0.330	"	"	"	"	"	"	"
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	"
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	"
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	"
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	"
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	"
Chrysene	ND	0.330	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	"
Dibenzofuran	ND	0.330	"	"	"	"	"	"	"
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	"
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	"
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	"
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	"
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	"
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	"
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	"
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	"

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-20 (BOK0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	58.2 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	78.1 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	43.7 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	84.2 %	10-126			"	"	"	"	
Surrogate: 2-FBP	96.9 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	110 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9230
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20										
2,6-Dinitrotoluene	ND	0.500		mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330		"	"	"	"	"	"	
Fluoranthene	ND	0.330		"	"	"	"	"	"	
Fluorene	ND	0.330		"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330		"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330		"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500		"	"	"	"	"	"	
Hexachloroethane	ND	0.330		"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330		"	"	"	"	"	"	
Isophorone	ND	0.330		"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330		"	"	"	"	"	"	
2-Methylphenol	ND	0.330		"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330		"	"	"	"	"	"	
Naphthalene	ND	0.330		"	"	"	"	"	"	
2-Nitroaniline	ND	0.500		"	"	"	"	"	"	
3-Nitroaniline	ND	0.500		"	"	"	"	"	"	
4-Nitroaniline	ND	0.500		"	"	"	"	"	"	
Nitrobenzene	ND	0.330		"	"	"	"	"	"	
2-Nitrophenol	ND	0.330		"	"	"	"	"	"	
4-Nitrophenol	ND	0.500		"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330		"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330		"	"	"	"	"	"	
Pentachlorophenol	ND	0.500		"	"	"	"	"	"	
Phenanthrene	ND	0.330		"	"	"	"	"	"	
Phenol	ND	0.330		"	"	"	"	"	"	
Pyrene	ND	0.330		"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330		"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330		"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330		"	"	"	"	"	"	
Surrogate: 2-FP	45.9 %	10-123				"	"	"	"	
Surrogate: Phenol-d6	77.6 %	10-130				"	"	"	"	
Surrogate: 2,4,6-TBP	24.1 %	10-131				"	"	"	"	
Surrogate: Nitrobenzene-d5	92.7 %	10-126				"	"	"	"	
Surrogate: 2-FBP	103 %	24-125				"	"	"	"	
Surrogate: p-Terphenyl-d14	115 %	45-135				"	"	"	"	

North Creek Analytical - Bothell

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Amr Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	100 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	101 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	115 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	96.9 %	10-126			"	"	"	"	
Surrogate: 2-FBP	108 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	121 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20										
Acenaphthene	ND	0.330		mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330		"	"	"	"	"	"	
Aniline	ND	0.330		"	"	"	"	"	"	
Anthracene	ND	0.330		"	"	"	"	"	"	
Benzoic Acid	ND	1.00		"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330		"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330		"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330		"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330		"	"	"	"	"	"	
Benzyl alcohol	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330		"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330		"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.330		"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330		"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330		"	"	"	"	"	"	
Carbazole	ND	0.330		"	"	"	"	"	"	
4-Chloroaniline	ND	0.500		"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330		"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330		"	"	"	"	"	"	
2-Chlorophenol	ND	0.330		"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330		"	"	"	"	"	"	
Chrysene	ND	0.330		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330		"	"	"	"	"	"	
Dibenzofuran	ND	0.330		"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330		"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00		"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330		"	"	"	"	"	"	
Diethyl phthalate	ND	0.330		"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330		"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330		"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500		"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500		"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500		"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-34-5 (BOK0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	59.9 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	84.0 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	34.8 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	92.5 %	10-126			"	"	"	"	
Surrogate: 2-FBP	106 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	126 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-10 (B0K0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-10 (B0K0613-28) Soil Sampled: 11/22/00 13:32 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	59.5 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	81.1 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	36.7 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	90.0 %	10-126			"	"	"	"	
Surrogate: 2-FBP	103 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	118 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Apar Gill, Project Manager



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-15 (B0K0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
(2-chloroisopropyl)ether.	ND	0.330	"	"	"	"	"	"	
(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-15 (B0K0613-29) Soil Sampled: 11/22/00 13:37 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/06/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	63.7 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	81.3 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	46.4 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	89.0 %	10-126			"	"	"	"	
Surrogate: 2-FBP	101 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	116 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amy Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-20 (B0K0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L0502S	12/05/00	12/07/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
-(2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
1-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-34-20 (B0K0613-30) Soil Sampled: 11/22/00 13:42 Received: 11/22/00 16:20										
2,6-Dinitrotoluene	ND	0.500		mg/kg dry	1	0L05025	12/05/00	12/07/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330		"	"	"	"	"	"	
Fluoranthene	ND	0.330		"	"	"	"	"	"	
Fluorene	ND	0.330		"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330		"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330		"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500		"	"	"	"	"	"	
Hexachloroethane	ND	0.330		"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330		"	"	"	"	"	"	
Isophorone	ND	0.330		"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330		"	"	"	"	"	"	
2-Methylphenol	ND	0.330		"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330		"	"	"	"	"	"	
Naphthalene	ND	0.330		"	"	"	"	"	"	
2-Nitroaniline	ND	0.500		"	"	"	"	"	"	
3-Nitroaniline	ND	0.500		"	"	"	"	"	"	
4-Nitroaniline	ND	0.500		"	"	"	"	"	"	
Nitrobenzene	ND	0.330		"	"	"	"	"	"	
2-Nitrophenol	ND	0.330		"	"	"	"	"	"	
4-Nitrophenol	ND	0.500		"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330		"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330		"	"	"	"	"	"	
Pentachlorophenol	ND	0.500		"	"	"	"	"	"	
Phenanthrene	ND	0.330		"	"	"	"	"	"	
Phenol	ND	0.330		"	"	"	"	"	"	
Pyrene	ND	0.330		"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330		"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330		"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330		"	"	"	"	"	"	
Surrogate: 2-FP	50.8 %	10-123				"	"	"	"	
Surrogate: Phenol-d6	73.8 %	10-130				"	"	"	"	
Surrogate: 2,4,6-TBP	31.5 %	10-131				"	"	"	"	
Surrogate: Nitrobenzene-d5	83.1 %	10-126				"	"	"	"	
Surrogate: 2-FBP	95.1 %	24-125				"	"	"	"	
Surrogate: p-Terphenyl-d14	109 %	45-135				"	"	"	"	

North Creek Analytical - Bothell

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Amy Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
Acenaphthene	ND	0.330	mg/kg dry	1	0L05025	12/05/00	12/07/00	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Aniline	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
2-ethylhexyl)phthalate	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	0.500	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	5.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.330	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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 Arma Gill, Project Manager



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 425.420.9200 fax 425.420.9210
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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-25 (B0K0613-31) Soil Sampled: 11/22/00 13:47 Received: 11/22/00 16:20									
2,6-Dinitrotoluene	ND	0.500	mg/kg dry	1	0L05025	12/05/00	12/07/00	EPA 8270C	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.500	"	"	"	"	"	"	
Hexachloroethane	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.500	"	"	"	"	"	"	
3-Nitroaniline	ND	0.500	"	"	"	"	"	"	
4-Nitroaniline	ND	0.500	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	0.500	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
Surrogate: 2-FP	43.9 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	74.9 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	23.7 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	87.7 %	10-126			"	"	"	"	
Surrogate: 2-FBP	99.0 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	116 %	45-135			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Physical Parameters by APHA/ASTM/EPA Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-31-2 (B0K0613-01) Soil Sampled: 11/22/00 08:18 Received: 11/22/00 16:20									
Dry Weight	78.8	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-31-5 (B0K0613-02) Soil Sampled: 11/22/00 08:23 Received: 11/22/00 16:20									
Dry Weight	79.7	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-31-10 (B0K0613-03) Soil Sampled: 11/22/00 08:30 Received: 11/22/00 16:20									
Dry Weight	85.5	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-31-15 (B0K0613-04) Soil Sampled: 11/22/00 08:35 Received: 11/22/00 16:20									
Dry Weight	91.5	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-31-20 (B0K0613-05) Soil Sampled: 11/22/00 08:40 Received: 11/22/00 16:20									
Dry Weight	88.8	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-31-25 (B0K0613-06) Soil Sampled: 11/22/00 08:45 Received: 11/22/00 16:20									
Dry Weight	85.9	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-32-2 (B0K0613-07) Soil Sampled: 11/22/00 09:50 Received: 11/22/00 16:20									
Dry Weight	87.0	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-32-5 (B0K0613-08) Soil Sampled: 11/22/00 09:54 Received: 11/22/00 16:20									
Dry Weight	84.0	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-32-10 (B0K0613-09) Soil Sampled: 11/22/00 10:02 Received: 11/22/00 16:20									
Dry Weight	81.1	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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Arnie Gill, Project Manager



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-32-15 (B0K0613-10) Soil	Sampled: 11/22/00 10:10 Received: 11/22/00 16:20								
Dry Weight	90.4	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-32-20 (B0K0613-11) Soil	Sampled: 11/22/00 10:15 Received: 11/22/00 16:20								
Dry Weight	90.9	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-32-25 (B0K0613-12) Soil	Sampled: 11/22/00 10:20 Received: 11/22/00 16:20								
Dry Weight	84.2	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-42-2 (B0K0613-13) Soil	Sampled: 11/22/00 08:12 Received: 11/22/00 16:20								
Dry Weight	85.0	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-42-5 (B0K0613-14) Soil	Sampled: 11/22/00 08:22 Received: 11/22/00 16:20								
Dry Weight	79.6	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-42-10 (B0K0613-15) Soil	Sampled: 11/22/00 08:28 Received: 11/22/00 16:20								
Dry Weight	79.4	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-39-2 (B0K0613-16) Soil	Sampled: 11/22/00 10:15 Received: 11/22/00 16:20								
Dry Weight	79.7	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-39-5 (B0K0613-17) Soil	Sampled: 11/22/00 10:23 Received: 11/22/00 16:20								
Dry Weight	83.5	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-39-10 (B0K0613-18) Soil	Sampled: 11/22/00 10:30 Received: 11/22/00 16:20								
Dry Weight	80.7	1.00	%	1	0K30038	11/30/00	12/01/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Physical Parameters by APHA/ASTM/EPA Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-39-15 (B0K0613-19) Soil Sampled: 11/22/00 10:33 Received: 11/22/00 16:20									
Dry Weight	80.6	1.00	%	1	OK30038	11/30/00	12/01/00	BSOPSPL003R07	
SB-33-2 (B0K0613-20) Soil Sampled: 11/22/00 11:38 Received: 11/22/00 16:20									
Dry Weight	82.7	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-33-5 (B0K0613-21) Soil Sampled: 11/22/00 11:44 Received: 11/22/00 16:20									
Dry Weight	88.7	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-33-10 (B0K0613-22) Soil Sampled: 11/22/00 11:50 Received: 11/22/00 16:20									
Dry Weight	87.1	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-33-15 (B0K0613-23) Soil Sampled: 11/22/00 11:55 Received: 11/22/00 16:20									
Dry Weight	80.8	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-33-20 (B0K0613-24) Soil Sampled: 11/22/00 12:00 Received: 11/22/00 16:20									
Weight	85.0	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-33-25 (B0K0613-25) Soil Sampled: 11/22/00 12:05 Received: 11/22/00 16:20									
Dry Weight	81.2	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-34-2 (B0K0613-26) Soil Sampled: 11/22/00 13:22 Received: 11/22/00 16:20									
Dry Weight	85.5	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-34-5 (B0K0613-27) Soil Sampled: 11/22/00 13:27 Received: 11/22/00 16:20									
Dry Weight	89.0	1.00	%	1	OK30039	11/30/00	12/01/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-34-10 (B0K0613-28) Soil	Sampled: 11/22/00 13:32 Received: 11/22/00 16:20								
Dry Weight	87.5	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-34-15 (B0K0613-29) Soil	Sampled: 11/22/00 13:37 Received: 11/22/00 16:20								
Dry Weight	91.7	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-34-20 (B0K0613-30) Soil	Sampled: 11/22/00 13:42 Received: 11/22/00 16:20								
Dry Weight	90.9	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-34-25 (B0K0613-31) Soil	Sampled: 11/22/00 13:47 Received: 11/22/00 16:20								
Dry Weight	82.0	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-35-2 (B0K0613-32) Soil	Sampled: 11/22/00 14:30 Received: 11/22/00 16:20								
Dry Weight	78.3	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-35-5 (B0K0613-33) Soil	Sampled: 11/22/00 14:35 Received: 11/22/00 16:20								
Dry Weight	84.1	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-35-10 (B0K0613-34) Soil	Sampled: 11/22/00 14:40 Received: 11/22/00 16:20								
Dry Weight	73.3	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-35-15 (B0K0613-35) Soil	Sampled: 11/22/00 14:45 Received: 11/22/00 16:20								
Dry Weight	88.9	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	
SB-35-20 (B0K0613-36) Soil	Sampled: 11/22/00 14:50 Received: 11/22/00 16:20								
Dry Weight	80.5	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Physical Parameters by APHA/ASTM/EPA Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-35-25 (B0K0613-37) Soil Sampled: 11/22/00 14:55 Received: 11/22/00 16:20									
Dry Weight	85.1	1.00	%	1	0K30039	11/30/00	12/01/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K29024: Prepared 11/29/00 Using EPA 5030B (MeOH)										
Blank (0K29024-BLK1)										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	2.83		"	4.00		70.7	50-150			
Surrogate: 4-BFB (PID)	3.27		"	4.00		81.7	50-150			
LCS (0K29024-BS1)										
Gasoline Range Hydrocarbons	25.9	5.00	mg/kg wet	25.0		104	70-130			
Surrogate: 4-BFB (FID)	3.91		"	4.00		97.8	50-150			
Duplicate (0K29024-DUP1) Source: B0K0613-04										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			1.06	50	
Surrogate: 4-BFB (FID)	3.30		"	4.37		75.5	50-150			
Duplicate (0K29024-DUP2) Source: B0K0613-05										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			46.5	50	
Surrogate: 4-BFB (FID)	3.36		"	4.50		74.7	50-150			
Matrix Spike (0K29024-MS1) Source: B0K0613-03										
Benzene	0.551	0.0500	mg/kg dry	0.585	ND	92.9	60-140			
Toluene	0.579	0.0500	"	0.585	ND	95.2	60-140			
Ethylbenzene	0.569	0.0500	"	0.585	ND	95.4	60-140			
Xylenes (total)	1.73	0.100	"	1.75	ND	96.2	60-140			
Surrogate: 4-BFB (PID)	3.99		"	4.68		85.3	50-150			
Matrix Spike Dup (0K29024-MSD1) Source: B0K0613-03										
Benzene	0.603	0.0500	mg/kg dry	0.585	ND	102	60-140	9.01	20	
Toluene	0.608	0.0500	"	0.585	ND	100	60-140	4.89	20	
Ethylbenzene	0.570	0.0500	"	0.585	ND	95.6	60-140	0.176	20	
Xylenes (total)	1.74	0.100	"	1.75	ND	96.8	60-140	0.576	20	
Surrogate: 4-BFB (PID)	3.93		"	4.68		84.0	50-150			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K29025: Prepared 11/29/00 Using EPA 5030B (MeOH)										
Blank (0K29025-BLK1)										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	3.83		"	4.00		95.7	50-150			
Surrogate: 4-BFB (PID)	4.23		"	4.00		106	50-150			
LCS (0K29025-BS1)										
Gasoline Range Hydrocarbons	21.7	5.00	mg/kg wet	25.0		86.8	70-130			
Surrogate: 4-BFB (FID)	4.41		"	4.00		110	50-150			
Duplicate (0K29025-DUP1) Source: B0K0613-23										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			40.2	50	
Surrogate: 4-BFB (FID)	4.56		"	4.95		92.1	50-150			
Duplicate (0K29025-DUP2) Source: B0K0613-24										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			47.0	50	
Surrogate: 4-BFB (FID)	4.48		"	4.70		95.3	50-150			
Matrix Spike (0K29025-MS1) Source: B0K0613-22										
Benzene	0.523	0.0500	mg/kg dry	0.574	ND	87.6	60-140			
Toluene	0.533	0.0500	"	0.574	ND	88.6	60-140			
Ethylbenzene	0.546	0.0500	"	0.574	ND	94.4	60-140			
Xylenes (total)	1.64	0.100	"	1.72	ND	92.6	60-140			
Surrogate: 4-BFB (FID)	4.37		"	4.59		95.2	50-150			
Surrogate: 4-BFB (PID)	4.84		"	4.59		105	50-150			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
Batch 0K29025: Prepared 11/29/00 Using EPA 5030B (MeOH)										
Matrix Spike Dup (0K29025-MSD1)					Source: B0K0613-22					
Benzene	0.569	0.0500	mg/kg dry	0.574	ND	95.7	60-140	8.42	20	
Toluene	0.579	0.0500	"	0.574	ND	96.6	60-140	8.27	20	
Ethylbenzene	0.591	0.0500	"	0.574	ND	102	60-140	7.92	20	
Xylenes (total)	1.76	0.100	"	1.72	ND	99.5	60-140	7.06	20	
Surrogate: 4-BFB (FID)	4.55		"	4.59		99.1	50-150			
Surrogate: 4-BFB (PID)	4.98		"	4.59		108	50-150			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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Batch 0K29005: Prepared 11/29/00 Using EPA 3550B

Blank (0K29005-BLK1)

Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	9.46		"	10.7		88.4	50-150			
Surrogate: Octacosane	9.05		"	10.7		84.6	50-150			

LCS (0K29005-BS1)

Diesel Range Hydrocarbons	70.1	10.0	mg/kg wet	66.7		105	60-140			
Surrogate: 2-FBP	8.98		"	10.7		83.9	50-150			
Surrogate: Octacosane	9.66		"	10.7		90.3	50-150			

Duplicate (0K29005-DUP1)

Source: B0K0574-27

Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Oil Range Hydrocarbons	ND	25.0	"		ND			18.1	50	
Surrogate: 2-FBP	11.0		"	13.2		83.3	50-150			
Surrogate: Octacosane	10.9		"	13.2		82.6	50-150			

Duplicate (0K29005-DUP2)

Source: B0K0576-08

Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			23.1	50	
Surrogate: 2-FBP	9.75		"	13.2		73.9	50-150			
Surrogate: Octacosane	11.5		"	13.2		87.1	50-150			

Batch 0K29028: Prepared 11/29/00 Using EPA 3550B

Blank (0K29028-BLK1)

Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	9.17		"	10.7		85.7	50-150			
Surrogate: Octacosane	8.58		"	10.7		80.2	50-150			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K29028: Prepared 11/29/00 Using EPA 3550B										
LCS (0K29028-BS1)										
Diesel Range Hydrocarbons	55.6	10.0	mg/kg wet	66.7		83.4	60-140			
Surrogate: 2-FBP	7.47		"	10.7		69.8	50-150			
Duplicate (0K29028-DUP1) Source: B0K0613-05										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND				50	
Surrogate: 2-FBP	9.04		"	12.0		75.3	50-150			
Surrogate: Octacosane	9.69		"	12.0		80.7	50-150			
Duplicate (0K29028-DUP2) Source: B0K0613-10										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			7.46	50	
Surrogate: 2-FBP	8.87		"	11.8		75.2	50-150			
Surrogate: Octacosane	10.1		"	11.8		85.6	50-150			
Batch 0K30012: Prepared 11/30/00 Using EPA 3550B										
Blank (0K30012-BLK1)										
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	8.31		"	10.7		77.7	50-150			
Surrogate: Octacosane	8.79		"	10.7		82.1	50-150			
LCS (0K30012-BS1)										
Diesel Range Hydrocarbons	63.8	10.0	mg/kg wet	66.7		95.7	60-140			
Surrogate: 2-FBP	9.63		"	10.7		90.0	50-150			

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 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K30012: Prepared 11/30/00 Using EPA 3550B

Duplicate (0K30012-DUP1) Source: B0K0613-19										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			25.0	50	
Surrogate: 2-FBP	10.2		"	13.2		77.3	50-150			
Surrogate: Octacosane	10.7		"	13.2		81.1	50-150			

Duplicate (0K30012-DUP2) Source: B0K0613-24										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			31.5	50	
Surrogate: 2-FBP	9.55		"	12.5		76.4	50-150			
Surrogate: Octacosane	10.9		"	12.5		87.2	50-150			

Batch 0K30024: Prepared 11/30/00 Using EPA 3550B

Blank (0K30024-BLK1)										
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	7.59		"	10.7		70.9	50-150			
Surrogate: Octacosane	9.04		"	10.7		84.5	50-150			

LCS (0K30024-BS1)										
Diesel Range Hydrocarbons	60.3	10.0	mg/kg wet	66.7		90.4	60-140			
Surrogate: 2-FBP	9.02		"	10.7		84.3	50-150			

Duplicate (0K30024-DUP1) Source: B0K0616-01										
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND			4.25	50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			12.7	50	
Surrogate: 2-FBP	9.74		"	12.0		81.2	50-150			
Surrogate: Octacosane	11.4		"	12.0		95.0	50-150			

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L01039: Prepared 12/01/00 Using EPA 3050B										
Blank (0L01039-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0L01039-BS1)										
Lead	26.5	0.500	mg/kg wet	25.0		106	80-120			
Matrix Spike (0L01039-MS1) Source: B0K0574-19										
Lead	22.6	0.331	mg/kg dry	19.7	3.86	95.1	70-130			
Matrix Spike Dup (0L01039-MSD1) Source: B0K0574-19										
Lead	22.0	0.331	mg/kg dry	19.7	3.86	92.1	70-130	2.69	20	
Batch 0L02017: Prepared 12/02/00 Using EPA 3050B										
Blank (0L02017-BLK1)										
Antimony	ND	0.500	mg/kg wet							
Arsenic	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Zinc	ND	5.00	"							

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L02017: Prepared 12/02/00 Using EPA 3050B

LCS (0L02017-BS1)

Antimony	24.5	0.500	mg/kg wet	25.0		98.0	80-120			
Arsenic	24.4	0.500	"	25.0		97.6	70-130			
Beryllium	24.8	0.500	"	25.0		99.2	80-120			
Cadmium	24.3	0.500	"	25.0		97.2	70-130			
Chromium	25.4	0.500	"	25.0		102	80-120			
Copper	24.9	0.500	"	25.0		99.6	80-120			
Lead	24.3	0.500	"	25.0		97.2	80-120			
Nickel	24.6	0.500	"	25.0		98.4	80-120			
Selenium	24.1	0.500	"	25.0		96.4	70-130			
Silver	24.7	0.500	"	25.0		98.8	40-130			
Thallium	24.4	0.500	"	25.0		97.6	80-120			
	24.6	5.00	"	25.0		98.4	70-130			

Matrix Spike (0L02017-MS1)

Source: BOK0576-10

Antimony	ND	0.365	mg/kg dry	21.2	ND	1.27	70-130			Q-13
Arsenic	21.6	0.365	"	21.2	2.82	88.6	70-130			
Beryllium	21.1	0.365	"	21.2	ND	98.5	70-130			
Cadmium	20.6	0.365	"	21.2	ND	95.6	70-130			
Chromium	58.0	0.365	"	21.2	34.9	109	70-130			
Copper	35.4	0.365	"	21.2	15.9	92.0	70-130			
Lead	22.8	0.365	"	21.2	2.30	96.7	70-130			
Nickel	61.2	0.365	"	21.2	41.8	91.5	70-130			
Selenium	19.4	0.365	"	21.2	ND	90.1	70-130			
Silver	17.8	0.365	"	21.2	ND	83.8	40-130			
Thallium	20.7	0.365	"	21.2	ND	97.2	70-130			
Zinc	54.8	3.65	"	21.2	35.1	92.9	70-130			

Matrix Spike Dup (0L02017-MSD1)

Source: BOK0576-10

Antimony	ND	0.352	mg/kg dry	20.4	ND	1.00	70-130	27.5	20	Q-13
Arsenic	20.7	0.352	"	20.4	2.82	87.6	70-130	4.26	20	
Beryllium	19.9	0.352	"	20.4	ND	96.5	70-130	5.85	20	
Cadmium	19.5	0.352	"	20.4	ND	94.0	70-130	5.49	20	
Chromium	55.2	0.352	"	20.4	34.9	99.5	70-130	4.95	20	
Copper	34.3	0.352	"	20.4	15.9	90.2	70-130	3.16	20	
Lead	21.9	0.352	"	20.4	2.30	96.1	70-130	4.03	20	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L02017: Prepared 12/02/00 Using EPA 3050B

Matrix Spike Dup (0L02017-MSD1)				Source: B0K0576-10						
Nickel	56.7	0.352	mg/kg dry	20.4	41.8	73.0	70-130	7.63	20	
Selenium	18.3	0.352	"	20.4	ND	88.3	70-130	5.84	20	
Silver	16.9	0.352	"	20.4	ND	82.7	40-130	5.19	50	
Thallium	19.9	0.352	"	20.4	ND	97.1	70-130	3.94	20	
Zinc	54.1	3.52	"	20.4	35.1	93.1	70-130	1.29	20	

Post Spike (0L02017-PS1)

				Source: B0K0576-10						
Antimony	210	1.77	mg/kg dry	206	ND	102	70-130			

Batch 0L02018: Prepared 12/02/00 Using EPA 3050B

Blank (0L02018-BLK1)										
Antimony	ND	0.500	mg/kg wet							
Arsenic	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Zinc	ND	5.00	"							

LCS (0L02018-BS1)

Antimony	24.3	0.500	mg/kg wet	25.0		97.2	80-120			
Arsenic	25.1	0.500	"	25.0		100	70-130			
Beryllium	25.6	0.500	"	25.0		102	80-120			
Cadmium	25.1	0.500	"	25.0		100	70-130			
Chromium	27.5	0.500	"	25.0		110	80-120			
Copper	28.9	0.500	"	25.0		116	80-120			
Lead	25.3	0.500	"	25.0		101	80-120			
Nickel	25.8	0.500	"	25.0		103	80-120			
Selenium	24.6	0.500	"	25.0		98.4	70-130			
Silver	24.6	0.500	"	25.0		98.4	40-130			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Total Metals by EPA 6000/7000 Series Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L02018: Prepared 12/02/00 Using EPA 3050B

LCS (0L02018-BS1)

Thallium	24.7	0.500	mg/kg wet	25.0		98.8	80-120			
Zinc	28.2	5.00	"	25.0		113	70-130			

Matrix Spike (0L02018-MS1)

Source: B0K0613-15

Q-13

Antimony	ND	0.329	mg/kg dry	20.7	ND	0.966	70-130			
Arsenic	21.8	0.329	"	20.7	4.00	86.0	70-130			
Beryllium	20.2	0.329	"	20.7	ND	96.6	70-130			
Cadmium	18.6	0.329	"	20.7	0.586	87.0	70-130			
Chromium	62.4	0.329	"	20.7	43.6	90.8	70-130			
Copper	34.2	0.329	"	20.7	16.1	87.4	70-130			
Lead	20.7	0.329	"	20.7	2.06	90.0	70-130			
Nickel	57.7	0.329	"	20.7	40.2	84.5	70-130			
Selenium	17.8	0.329	"	20.7	ND	86.0	70-130			
Silver	16.2	0.329	"	20.7	ND	78.3	40-130			
Thallium	18.6	0.329	"	20.7	ND	89.6	70-130			
Zinc	50.4	3.29	"	20.7	31.9	89.4	70-130			

Matrix Spike Dup (0L02018-MSD1)

Source: B0K0613-15

Q-13

Antimony	ND	0.347	mg/kg dry	21.9	ND	0.516	70-130	55.6	20	
Arsenic	23.4	0.347	"	21.9	4.00	88.6	70-130	7.08	20	
Beryllium	21.8	0.347	"	21.9	ND	98.6	70-130	7.62	20	
Cadmium	20.3	0.347	"	21.9	0.586	90.0	70-130	8.74	20	
Chromium	69.7	0.347	"	21.9	43.6	119	70-130	11.1	20	
Copper	39.5	0.347	"	21.9	16.1	107	70-130	14.4	20	
Lead	22.1	0.347	"	21.9	2.06	91.5	70-130	6.54	20	
Nickel	62.2	0.347	"	21.9	40.2	100	70-130	7.51	20	
Selenium	19.8	0.347	"	21.9	ND	90.4	70-130	10.6	20	
Silver	17.3	0.347	"	21.9	ND	79.0	40-130	6.57	50	
Thallium	19.9	0.347	"	21.9	ND	90.7	70-130	6.75	20	
Zinc	52.6	3.47	"	21.9	31.9	94.5	70-130	4.27	20	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported: 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L02018: Prepared 12/02/00 Using EPA 3050B										
Post Spike (0L02018-PS1) Source: B0K0613-15										
Antimony	231	1.75	mg/kg dry	220	ND	105	70-130			
Batch 0L02019: Prepared 12/02/00 Using EPA 3050B										
Blank (0L02019-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0L02019-BS1)										
Lead	23.9	0.500	mg/kg wet	25.0		95.6	80-120			
Matrix Spike (0L02019-MS1) Source: B0K0613-35										
Lead	21.8	0.362	mg/kg dry	20.4	2.68	93.7	70-130			
Matrix Spike Dup (0L02019-MSD1) Source: B0K0613-35										
Lead	22.1	0.360	mg/kg dry	20.2	2.68	96.1	70-130	1.37	20	
Batch 0L05037: Prepared 12/05/00 Using EPA 7471A										
Blank (0L05037-BLK1)										
Mercury	ND	0.100	mg/kg wet							
LCS (0L05037-BS1)										
Mercury	0.505	0.100	mg/kg wet	0.500		101	80-120			
Matrix Spike (0L05037-MS1) Source: B0K0576-10										
Mercury	0.663	0.100	mg/kg dry	0.575	ND	100	80-120			



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L05037: Prepared 12/05/00 Using EPA 7471A										
Matrix Spike Dup (0L05037-MSD1) Source: B0K0576-10										
Mercury	0.654	0.100	mg/kg dry	0.575	ND	98.4	80-120	1.37	20	
Batch 0L07015: Prepared 12/07/00 Using EPA 7471A										
Blank (0L07015-BLK1)										
Mercury	ND	0.100	mg/kg wet							
LCS (0L07015-BS1)										
Mercury	0.500	0.100	mg/kg wet	0.500		100	80-120			
Matrix Spike (0L07015-MS1) Source: B0K0613-24										
Mercury	0.629	0.100	mg/kg dry	0.580	ND	102	80-120			
Matrix Spike Dup (0L07015-MSD1) Source: B0K0613-24										
Mercury	0.651	0.100	mg/kg dry	0.584	ND	105	80-120	3.44	20	

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 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K28037: Prepared 11/27/00 Using EPA 5030B [P/T]

Blank (0K28037-BLK1)

Acetone	ND	1.00	mg/kg wet							
Benzene	ND	0.100	"							
Bromobenzene	ND	0.100	"							
Bromochloromethane	ND	0.100	"							
Bromodichloromethane	ND	0.100	"							
Bromoform	ND	0.100	"							
Bromomethane	ND	0.100	"							
2-Butanone	ND	1.00	"							
n-Butylbenzene	ND	0.100	"							
sec-Butylbenzene	ND	0.100	"							
tert-Butylbenzene	ND	0.100	"							
Carbon disulfide	ND	0.100	"							
Carbon tetrachloride	ND	0.100	"							
Chlorobenzene	ND	0.100	"							
Chloroethane	ND	0.100	"							
Chloroform	ND	0.100	"							
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.100	"							
4-Chlorotoluene	ND	0.100	"							
Dibromochloromethane	ND	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.100	"							
Dibromomethane	ND	0.100	"							
1,2-Dichlorobenzene	ND	0.100	"							
1,3-Dichlorobenzene	ND	0.100	"							
1,4-Dichlorobenzene	ND	0.100	"							
Dichlorodifluoromethane	ND	0.100	"							
1,1-Dichloroethane	ND	0.100	"							
1,2-Dichloroethane	ND	0.100	"							
1,1-Dichloroethene	ND	0.100	"							
cis-1,2-Dichloroethene	ND	0.100	"							
trans-1,2-Dichloroethene	ND	0.100	"							
1,2-Dichloropropane	ND	0.100	"							
1,3-Dichloropropane	ND	0.100	"							

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0K28037: Prepared 11/27/00 Using EPA 5030B [P/T]

Blank (0K28037-BLK1)

2,2-Dichloropropane	ND	0.100	mg/kg wet							
1,1-Dichloropropene	ND	0.100	"							
cis-1,3-Dichloropropene	ND	0.100	"							
trans-1,3-Dichloropropene	ND	0.100	"							
Ethylbenzene	ND	0.100	"							
Hexachlorobutadiene	ND	0.100	"							
n-Hexanone	ND	1.00	"							
Isopropylbenzene	ND	0.100	"							
p-Isopropyltoluene	ND	0.100	"							
Methylene chloride	ND	1.00	"							
4-Methyl-2-pentanone	ND	1.00	"							
thylene	ND	0.100	"							
pylbenzene	ND	0.100	"							
Styrene	ND	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.100	"							
Tetrachloroethene	ND	0.100	"							
Toluene	ND	0.100	"							
1,2,3-Trichlorobenzene	ND	0.100	"							
1,2,4-Trichlorobenzene	ND	0.100	"							
1,1,1-Trichloroethane	ND	0.100	"							
1,1,2-Trichloroethane	ND	0.100	"							
Trichloroethene	ND	0.100	"							
Trichlorofluoromethane	ND	0.100	"							
1,2,3-Trichloropropane	ND	0.100	"							
1,2,4-Trimethylbenzene	ND	0.100	"							
1,3,5-Trimethylbenzene	ND	0.100	"							
Vinyl chloride	ND	0.100	"							
m,p-Xylene	ND	0.200	"							
o-Xylene	ND	0.100	"							
Surrogate: 1,2-DCA-d4	2.07		"	2.00		103	70-130			
Surrogate: Toluene-d8	1.74		"	2.00		87.0	70-130			
Surrogate: 4-BFB	2.18		"	2.00		109	70-130			

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K28037: Prepared 11/27/00 Using EPA 5030B [P/T]

LCS (0K28037-BS1)

Benzene	1.03	0.100	mg/kg wet	1.00		103	70-130			
Chlorobenzene	0.880	0.100	"	1.00		88.0	70-130			
1,1-Dichloroethene	0.943	0.100	"	1.00		94.3	70-130			
Toluene	0.898	0.100	"	1.00		89.8	70-130			
Trichloroethene	0.927	0.100	"	1.00		92.7	70-130			
Surrogate: 1,2-DCA-d4	2.01		"	2.00		100	70-130			
Surrogate: Toluene-d8	1.87		"	2.00		93.5	70-130			
Surrogate: 4-BFB	1.95		"	2.00		97.5	70-130			

Matrix Spike (0K28037-MS1)

Source: B0K0613-31

Benzene	1.20	0.100	mg/kg dry	1.22	ND	98.4	70-130			
Chlorobenzene	0.924	0.100	"	1.22	ND	75.7	70-130			
1,1-Dichloroethene	1.03	0.100	"	1.22	ND	84.4	70-130			
Toluene	0.924	0.100	"	1.22	ND	75.7	70-130			
Trichloroethene	1.27	0.100	"	1.22	0.209	87.0	70-130			
Surrogate: 1,2-DCA-d4	2.80		"	2.44		115	70-130			
Surrogate: Toluene-d8	2.06		"	2.44		84.4	70-130			
Surrogate: 4-BFB	1.95		"	2.44		79.9	70-130			

Matrix Spike Dup (0K28037-MSD1)

Source: B0K0613-31

Benzene	1.02	0.100	mg/kg dry	1.22	ND	83.6	70-130	16.2	15	Q-07
Chlorobenzene	0.868	0.100	"	1.22	ND	71.1	70-130	6.25	15	
1,1-Dichloroethene	0.665	0.100	"	1.22	ND	54.5	70-130	43.1	15	Q-
Toluene	0.862	0.100	"	1.22	ND	70.7	70-130	6.94	15	
Trichloroethene	1.19	0.100	"	1.22	0.209	80.4	70-130	6.50	15	
Surrogate: 1,2-DCA-d4	2.95		"	2.44		121	70-130			
Surrogate: Toluene-d8	2.25		"	2.44		92.2	70-130			
Surrogate: 4-BFB	2.11		"	2.44		86.5	70-130			

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
 Environmental Laboratory Network



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0L05025: Prepared 12/05/00 Using EPA 3550B

Blank (0L05025-BLK1)

Acenaphthene	ND	0.330	mg/kg wet							
Acenaphthylene	ND	0.330	"							
Aniline	ND	0.330	"							
Anthracene	ND	0.330	"							
Benzoic Acid	ND	1.00	"							
Benzo (a) anthracene	ND	0.330	"							
Benzo (b) fluoranthene	ND	0.330	"							
Benzo (k) fluoranthene	ND	0.330	"							
Benzo (ghi) perylene	ND	0.330	"							
Benzo (a) pyrene	ND	0.330	"							
Benzyl alcohol	ND	0.330	"							
(2-chloroethoxy)methane	ND	0.330	"							
(2-chloroethyl)ether	ND	0.330	"							
Bis(2-chloroisopropyl)ether	ND	0.330	"							
Bis(2-ethylhexyl)phthalate	ND	0.330	"							
4-Bromophenyl phenyl ether	ND	0.330	"							
Butyl benzyl phthalate	ND	0.330	"							
Carbazole	ND	0.330	"							
4-Chloroaniline	ND	0.500	"							
2-Chloronaphthalene	ND	0.330	"							
4-Chloro-3-methylphenol	ND	0.330	"							
2-Chlorophenol	ND	0.330	"							
4-Chlorophenyl phenyl ether	ND	0.330	"							
Chrysene	ND	0.330	"							
Dibenz (a,h) anthracene	ND	0.330	"							
Dibenzofuran	ND	0.330	"							
Di-n-butyl phthalate	ND	0.330	"							
1,3-Dichlorobenzene	ND	0.330	"							
1,4-Dichlorobenzene	ND	0.330	"							
1,2-Dichlorobenzene	ND	0.330	"							
3,3'-Dichlorobenzidine	ND	5.00	"							
2,4-Dichlorophenol	ND	0.330	"							
Diethyl phthalate	ND	0.330	"							
2,4-Dimethylphenol	ND	0.330	"							

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported: 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L05025: Prepared 12/05/00 Using EPA 3550B										
Blank (0L05025-BLK1)										
Dimethyl phthalate	ND	0.330	mg/kg wet							
4,6-Dinitro-2-methylphenol	ND	0.500	"							
2,4-Dinitrophenol	ND	0.500	"							
2,4-Dinitrotoluene	ND	0.500	"							
2,6-Dinitrotoluene	ND	0.500	"							
Di-n-octyl phthalate	ND	0.330	"							
Fluoranthene	ND	0.330	"							
Fluorene	ND	0.330	"							
Hexachlorobenzene	ND	0.330	"							
Hexachlorobutadiene	ND	0.330	"							
Hexachlorocyclopentadiene	ND	0.500	"							
Hexachloroethane	ND	0.330	"							
Indeno (1,2,3-cd) pyrene	ND	0.330	"							
Isophorone	ND	0.330	"							
2-Methylnaphthalene	ND	0.330	"							
2-Methylphenol	ND	0.330	"							
3 & 4-Methylphenol	ND	0.330	"							
Naphthalene	ND	0.330	"							
2-Nitroaniline	ND	0.500	"							
3-Nitroaniline	ND	0.500	"							
4-Nitroaniline	ND	0.500	"							
Nitrobenzene	ND	0.330	"							
2-Nitrophenol	ND	0.330	"							
4-Nitrophenol	ND	0.500	"							
N-Nitrosodiphenylamine	ND	0.330	"							
N-Nitrosodi-n-propylamine	ND	0.330	"							
Pentachlorophenol	ND	0.500	"							
Phenanthrene	ND	0.330	"							
Phenol	ND	0.330	"							
Pyrene	ND	0.330	"							
1,2,4-Trichlorobenzene	ND	0.330	"							
2,4,5-Trichlorophenol	ND	0.330	"							
2,4,6-Trichlorophenol	ND	0.330	"							
Surrogate: 2-FP	1.52		"	1.67		91.0	10-123			

North Creek Analytical - Bothell

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 Aman Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0L05025: Prepared 12/05/00 Using EPA 3550B

Blank (0L05025-BLK1)

Surrogate: Phenol-d6	1.52		mg/kg wet	1.67		91.0	10-130			
Surrogate: 2,4,6-TBP	1.62		"	1.67		97.0	10-131			
Surrogate: Nitrobenzene-d5	1.53		"	1.67		91.6	10-126			
Surrogate: 2-FBP	1.73		"	1.67		104	24-125			
Surrogate: p-Terphenyl-d14	1.95		"	1.67		117	45-135			

LCS (0L05025-BS1)

Acenaphthene	3.32	0.330	mg/kg wet	3.33		99.7	25-137			
4-Chloro-3-methylphenol	6.73	0.330	"	6.67		101	12-139			
2-Chlorophenol	6.16	0.330	"	6.67		92.4	24-121			
1,4-Dichlorobenzene	2.67	0.330	"	3.33		80.2	13-128			
4-Dinitrotoluene	3.17	0.500	"	3.33		95.2	17-139			
4-Nitrophenol	6.23	0.500	"	6.67		93.4	10-131			
N-Nitrosodi-n-propylamine	3.05	0.330	"	3.33		91.6	14-139			
Pentachlorophenol	7.23	0.500	"	6.67		108	27-126			
Phenol	6.17	0.330	"	6.67		92.5	18-127			
Pyrene	3.62	0.330	"	3.33		109	31-149			
1,2,4-Trichlorobenzene	3.18	0.330	"	3.33		95.5	21-129			
Surrogate: 2-FP	1.57		"	1.67		94.0	10-123			
Surrogate: Phenol-d6	1.60		"	1.67		95.8	10-130			
Surrogate: 2,4,6-TBP	1.74		"	1.67		104	10-131			
Surrogate: Nitrobenzene-d5	1.53		"	1.67		91.6	10-126			
Surrogate: 2-FBP	1.77		"	1.67		106	24-125			
Surrogate: p-Terphenyl-d14	1.87		"	1.67		112	45-135			

Matrix Spike (0L05025-MS1)

Source: B0K0613-07

Acenaphthene	3.65	0.330	mg/kg dry	3.83	ND	95.3	26-133			
4-Chloro-3-methylphenol	8.04	0.330	"	7.66	ND	105	14-132			
2-Chlorophenol	7.17	0.330	"	7.66	ND	93.6	22-112			
1,4-Dichlorobenzene	2.77	0.330	"	3.83	ND	72.3	17-108			
2,4-Dinitrotoluene	3.62	0.500	"	3.83	ND	94.5	10-151			
4-Nitrophenol	7.67	0.500	"	7.66	ND	100	10-155			
N-Nitrosodi-n-propylamine	3.36	0.330	"	3.83	ND	87.7	17-123			
Pentachlorophenol	9.20	0.500	"	7.66	ND	120	12-129			
Phenol	7.32	0.330	"	7.66	ND	95.6	14-122			
Pyrene	4.16	0.330	"	3.83	ND	109	33-146			

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0L05025: Prepared 12/05/00 Using EPA 3550B

Matrix Spike (0L05025-MS1)				Source: B0K0613-07						
1,2,4-Trichlorobenzene	3.32	0.330	mg/kg dry	3.83	ND	86.7	10-140			
Surrogate: 2-FP	1.84		"	1.92		95.8	10-123			
Surrogate: Phenol-d6	1.90		"	1.92		99.0	10-130			
Surrogate: 2,4,6-TBP	2.12		"	1.92		110	10-131			
Surrogate: Nitrobenzene-d5	1.80		"	1.92		93.7	10-126			
Surrogate: 2-FBP	2.00		"	1.92		104	24-125			
Surrogate: p-Terphenyl-d14	2.28		"	1.92		119	45-135			

Matrix Spike Dup (0L05025-MSD1)				Source: B0K0613-07						
Acenaphthene	3.73	0.330	mg/kg dry	3.83	ND	97.4	26-133	2.17	32	
4-Chloro-3-methylphenol	7.84	0.330	"	7.66	ND	102	14-132	2.52	39	
2-Chlorophenol	6.97	0.330	"	7.66	ND	91.0	22-112	2.83	37	
1,4-Dichlorobenzene	3.01	0.330	"	3.83	ND	78.6	17-108	8.30	40	
2,4-Dinitrotoluene	3.72	0.500	"	3.83	ND	97.1	10-151	2.72	35	
4-Nitrophenol	7.13	0.500	"	7.66	ND	93.1	10-155	7.30	59	
N-Nitrosodi-n-propylamine	3.51	0.330	"	3.83	ND	91.6	17-123	4.37	40	
Pentachlorophenol	8.72	0.500	"	7.66	ND	114	12-129	5.36	30	
Phenol	7.00	0.330	"	7.66	ND	91.4	14-122	4.47	41	
Pyrene	4.32	0.330	"	3.83	ND	113	33-146	3.77	39	
1,2,4-Trichlorobenzene	3.56	0.330	"	3.83	ND	93.0	10-140	6.98	37	
Surrogate: 2-FP	1.75		"	1.92		91.1	10-123			
Surrogate: Phenol-d6	1.79		"	1.92		93.2	10-130			
Surrogate: 2,4,6-TBP	1.98		"	1.92		103	10-131			
Surrogate: Nitrobenzene-d5	1.76		"	1.92		91.7	10-126			
Surrogate: 2-FBP	1.91		"	1.92		99.5	24-125			
Surrogate: p-Terphenyl-d14	2.20		"	1.92		115	45-135			

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588


Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/08/00 15:15
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**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K30038: Prepared 11/30/00 Using Dry Weight										
Blank (0K30038-BLK1)										
Dry Weight	100	1.00	%							
Batch 0K30039: Prepared 11/30/00 Using Dry Weight										
Blank (0K30039-BLK1)										
Dry Weight	99.8	1.00	%							

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/08/00 15:15

Notes and Definitions

- A-01 The chromatogram for this sample strongly resembles the pattern of mineral spirits
- D-06 The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
- G-01 Results reported for the gas range are primarily due to overlap from diesel range hydrocarbons.
- Q-02 The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
- Q-07 The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
- Q-13 Multiple analyses indicate the percent recovery is outside the control limits due to a matrix effect.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference


 Amy Gill, Project Manager



CHAIN OF CUSTODY REPORT

Work Order #: **BOC0613**

0 Nrd 3K PK Suite 1011-3011-1
 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 (509) 924-9200 (24) 9290
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 (503) 906-9210
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CLIENT: Time D.I. Company
 REPORT TO: Scott Slean copy to Bryan Graham
 ADDRESS: 2737 West Commercial Way
Spokane WA 99209
 PHONE: _____ FAX: _____

PROJECT NAME: _____
 PROJECT NUMBER: _____
 SAMPLED BY: _____

INVOICE TO: _____
 P.O. NUMBER: _____
 REQUESTED ANALYSES:

TURNAROUND REQUEST in Business Days*
 Organic & Inorganic Analyses
 STD: 10 7 5 4 3 2 1 <1
 Petroleum Hydrocarbon Analyses
 STD: 5 4 3 2 1 <1
 OTHER Please Specify _____

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES						MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA W#
		Ex/BTEX	DX	Total Pb	Total Metals	SVCS	UVCS				
1. SB-31-2	11/12/00 0848	X	X	X				2	SVCS BTEX SW		
2. SB-31-5	0843	X	X	X							
3. SB-31-10	0838	X	X	X							
4. SB-31-15	0835	X	X	X							
5. SB-31-20	0840	X	X	X							
6. SB-31-25	0845	X	X	X				3			
7. SB-32-2	0850	X	X								
8. SB-32-5	0854	X	X								
9. SB-32-10	0852	X	X								
10. SB-32-15	1010	X	X								
11. SB-32-20	1015	X	X								
12. SB-32-25	1010	X	X								
13. _____											
14. _____											
15. _____											

RELINQUISHED BY: [Signature] DATE: 11/22/00
 PRINT NAME: Scott Slean FIRM: North Creek Analytical, Inc.
 RELINQUISHED BY: [Signature] DATE: 11/22/00
 PRINT NAME: Colette Weaver FIRM: NCA
 ADDITIONAL REMARKS: _____
 DATE: 11/22/00 TIME: _____
 RECEIVED BY: [Signature] DATE: 11/22/00
 PRINT NAME: Colette Weaver FIRM: NCA
 DATE: 11/22/00 TIME: _____



CHAIN OF CUSTODY REPORT

Work Order #: **BOK0613**

11720 North Creek Pkwy N, Suite 400, Redbell, WA 98011-8244 (425) 420-9200 FAX 420-9210
 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 (509) 924-9200 FAX 924-9290
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CLIENT: **TIME OIL COMPANY / FOSTER WILLEGGER**

INVOICE TO:

**TIME OIL CO.
ATTN: SCOTT SLAVAN**

REPORT TO: **SCOTT SLAVAN COPY TO BRADAN DEAYAN**

ADDRESS: **12160 NW 195TH ST STE 200
BETHLEHEM WA 98011**

P.O. NUMBER:

PHONE: **425-482-7565**

FAX: **425-482-7672**

REQUESTED ANALYSES

PROJECT NAME: **100 PHASE I**

SAMPLED BY: **J. SPECK**

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	6x / BTEX	NMTPH / DX	TOTAL PB	TOTAL METALS	SVOL'S	VOI'S
1. SB-42-2	11.22.00	0822	X	X	X		
2. SB-42-5		0822	X	X	X		
3. SB-42-10		0828	X	X	X		
4. SB-39-2		1015	X	X	X		
5. SB-39-5		1027	X	X	X		
6. SB-39-10		1030	X	X	X		
7. SB-39-15		1033	X	X	X		
8. SB-37-2		1038	X	X	X		
9. SB-35-5		1144	X	X	X		
10. SB-33-10		1150	X	X	X		
11. SB-33-15		1155	X	X	X		
12. SB-33-20		1200	X	X	X		
13. SB-33-25		1205	X	X	X		
14.							
15.							

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analysis: 10 7 5 4 3 2 1 <1

Petroleum Hydrocarbon Analysis: 5 4 3 2 1 <1

OTHER: Please Specify

*Turnaround Request is based on standard methods used for each analysis.

MATRIX (W.S.O)	# OF CONT.	COMMENTS	MCA W/L
Soil	2		

RELINQUISHED BY: **Scott Slavan** DATE: **11/22/06**

PRINT NAME: **Scott Slavan** FIRM: **Foster Wheeler** TIME: **10:20**

RECEIVED BY: **Collette Weaver** DATE: **11/22/06**

PRINT NAME: **Collette Weaver** FIRM: **NCA** TIME: **10:25**

RELINQUISHED BY: **Scott Slavan** DATE: **11/22/06**

PRINT NAME: **Scott Slavan** FIRM: **Foster Wheeler** TIME: **10:20**

RECEIVED BY: **Collette Weaver** DATE: **11/22/06**

PRINT NAME: **Collette Weaver** FIRM: **NCA** TIME: **10:25**

ADDITIONAL RI: **2 3**



North Creek Analytical, Inc. Suite 400
 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

Phone: (509) 924-9200
 Fax: (503) 906-9200
 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0613**

CLIENT:		INVOICE TO:						TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Please Specify <small>*Turnaround Requests less than standard may incur Rush Charges</small>																																																																																																																																																																																																																																																																																																																			
REPORT TO: <i>SEE PAGE 1</i>		P.O. NUMBER:																																																																																																																																																																																																																																																																																																																									
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		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CLIENT SAMPLE IDENTIFICATION</th> <th>SAMPLING DATE/TIME</th> <th>Gx/BTEX</th> <th>NWTPH/DX</th> <th>TOTAL Pb</th> <th>TOTAL METALS</th> <th>SVOC'S</th> <th>VOC'S</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>1. SB. 34. 2</td><td>11.22.00 1322</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>26</td></tr> <tr><td>2. SB. 34. 5</td><td>1327</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>27</td></tr> <tr><td>3. SB. 34. 10</td><td>1332</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>28</td></tr> <tr><td>4. SB. 34. 15</td><td>1337</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>29</td></tr> <tr><td>5. SB. 34. 20</td><td>1342</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>30</td></tr> <tr><td>6. SB. 34. 25</td><td>1347</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>31</td></tr> <tr><td>7. SB. 35. 2</td><td>1430</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>32</td></tr> <tr><td>8. SB. 35. 5</td><td>1435</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>33</td></tr> <tr><td>9. SB. 35. 10</td><td>1440</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>34</td></tr> <tr><td>10. SB. 35. 15</td><td>1445</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>35</td></tr> <tr><td>11. SB. 35. 20</td><td>1450</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>36</td></tr> <tr><td>12. SB. 35. 25</td><td>1455</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>37</td></tr> <tr><td>13.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>14.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>15.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Gx/BTEX	NWTPH/DX	TOTAL Pb	TOTAL METALS	SVOC'S	VOC'S												1. SB. 34. 2	11.22.00 1322	X	X		X	X	X											26	2. SB. 34. 5	1327	X	X		X	X	X											27	3. SB. 34. 10	1332	X	X		X	X	X											28	4. SB. 34. 15	1337	X	X		X	X	X											29	5. SB. 34. 20	1342	X	X		X	X	X											30	6. SB. 34. 25	1347	X	X		X	X	X											31	7. SB. 35. 2	1430	X	X	X														32	8. SB. 35. 5	1435	X	X	X														33	9. SB. 35. 10	1440	X	X	X														34	10. SB. 35. 15	1445	X	X	X														35	11. SB. 35. 20	1450	X	X	X														36	12. SB. 35. 25	1455	X	X	X														37	13.																			14.																			15.																						
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RELINQUISHED BY: <i>JEFF SPERIC</i>		DATE: <i>11.22.00</i>		RECEIVED BY: <i>Colette Weaver</i>		DATE: <i>11/22/00</i>																																																																																																																																																																																																																																																																																																																					
PRINT NAME: <i>JEFF SPERIC</i>		FIRM: <i>Fusion Analytical</i>		TIME: <i>16:20</i>		PRINT NAME: <i>Colette Weaver</i>		FIRM: <i>NCA</i>		TIME: <i>16:25</i>																																																																																																																																																																																																																																																																																																																	
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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-26-2	B0K0574-01	Soil	11/21/00 08:35	11/21/00 18:45
SB-26-4	B0K0574-02	Soil	11/21/00 08:40	11/21/00 18:45
SB-26-9	B0K0574-03	Soil	11/21/00 08:50	11/21/00 18:45
SB-26-14	B0K0574-04	Soil	11/21/00 08:58	11/21/00 18:45
SB-26-19	B0K0574-05	Soil	11/21/00 09:02	11/21/00 18:45
SB-27-2	B0K0574-06	Soil	11/21/00 09:55	11/21/00 18:45
SB-27-5	B0K0574-07	Soil	11/21/00 10:05	11/21/00 18:45
SB-27-10	B0K0574-08	Soil	11/21/00 10:11	11/21/00 18:45
SB-27-15	B0K0574-09	Soil	11/21/00 10:20	11/21/00 18:45
SB-27-20	B0K0574-10	Soil	11/21/00 10:25	11/21/00 18:45
SB-28-2	B0K0574-11	Soil	11/21/00 11:15	11/21/00 18:45
SB-28-5	B0K0574-12	Soil	11/21/00 11:24	11/21/00 18:45
SB-28-10	B0K0574-13	Soil	11/21/00 11:34	11/21/00 18:45
SB-28-15	B0K0574-14	Soil	11/21/00 11:40	11/21/00 18:45
SB-28-20	B0K0574-15	Soil	11/21/00 11:50	11/21/00 18:45
SB-29-2	B0K0574-16	Soil	11/21/00 13:25	11/21/00 18:45
SB-29-5	B0K0574-17	Soil	11/21/00 13:29	11/21/00 18:45
SB-29-10	B0K0574-18	Soil	11/21/00 13:37	11/21/00 18:45
SB-29-15	B0K0574-19	Soil	11/21/00 13:48	11/21/00 18:45
SB-29-20	B0K0574-20	Soil	11/21/00 13:50	11/21/00 18:45
SB-29-25	B0K0574-21	Soil	11/21/00 13:55	11/21/00 18:45
SB-30-2	B0K0574-22	Soil	11/21/00 14:59	11/21/00 18:45
SB-30-5	B0K0574-23	Soil	11/21/00 15:02	11/21/00 18:45
SB-30-10	B0K0574-24	Soil	11/21/00 15:10	11/21/00 18:45
SB-30-15	B0K0574-25	Soil	11/21/00 15:15	11/21/00 18:45
SB-30-20	B0K0574-26	Soil	11/21/00 15:20	11/21/00 18:45
SB-30-25	B0K0574-27	Soil	11/21/00 15:25	11/21/00 18:45

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


 Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-26-2 (B0K0574-01) Soil Sampled: 11/21/00 08:35 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	74.4 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	78.8 %	50-150			"	"	"	"	
SB-26-4 (B0K0574-02) Soil Sampled: 11/21/00 08:40 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	83.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	86.3 %	50-150			"	"	"	"	
SB-26-9 (B0K0574-03) Soil Sampled: 11/21/00 08:50 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	80.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the custody document. This analytical report must be reproduced in its entirety.


 Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-26-14 (B0K0574-04) Soil Sampled: 11/21/00 08:58 Received: 11/21/00 18:45

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	75.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	77.9 %	50-150			"	"	"	"	

SB-26-19 (B0K0574-05) Soil Sampled: 11/21/00 09:02 Received: 11/21/00 18:45

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	74.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	79.0 %	50-150			"	"	"	"	

SB-27-2 (B0K0574-06) Soil Sampled: 11/21/00 09:55 Received: 11/21/00 18:45

Gasoline Range Hydrocarbons	55.7	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.150	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	129 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	100 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-27-5 (B0K0574-07) Soil Sampled: 11/21/00 10:05 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	121	10.0	mg/kg dry	2	0K27018	11/27/00	12/01/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
Ethylbenzene	ND	0.100	"	"	"	"	"	"	
Xylenes (total)	ND	0.314	"	"	"	"	"	"	R-07
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	107 %	50-150			"	"	"	"	
SB-27-10 (B0K0574-08) Soil Sampled: 11/21/00 10:11 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	71.4	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	G-0
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.163	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	149 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	104 %	50-150			"	"	"	"	
SB-27-15 (B0K0574-09) Soil Sampled: 11/21/00 10:20 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	80.9 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.3 %	50-150			"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9200
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-27-20 (B0K0574-10) Soil Sampled: 11/21/00 10:25 Received: 11/21/00 18:45

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	71.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	74.8 %	50-150			"	"	"	"	

SB-28-2 (B0K0574-11) Soil Sampled: 11/21/00 11:15 Received: 11/21/00 18:45

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	79.7 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	82.8 %	50-150			"	"	"	"	

SB-28-5 (B0K0574-12) Soil Sampled: 11/21/00 11:24 Received: 11/21/00 18:45

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	78.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	80.6 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-28-10 (B0K0574-13) Soil Sampled: 11/21/00 11:34 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	73.9 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	78.2 %	50-150			"	"	"	"	
SB-28-15 (B0K0574-14) Soil Sampled: 11/21/00 11:40 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	71.0 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	74.3 %	50-150			"	"	"	"	
SB-28-20 (B0K0574-15) Soil Sampled: 11/21/00 11:50 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	72.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	77.3 %	50-150			"	"	"	"	

Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
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Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-2 (B0K0574-16) Soil Sampled: 11/21/00 13:25 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	536	50.0	mg/kg dry	10	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.710	"	"	"	"	"	"	R-03
Xylenes (total)	ND	1.83	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-02
Surrogate: 4-BFB (PID)	175 %	50-150			"	"	"	"	S-02
SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	393	20.0	mg/kg dry	4	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	G-01
Benzene	ND	0.200	"	"	"	"	"	"	
Toluene	ND	0.200	"	"	"	"	"	"	
Ethylbenzene	ND	0.560	"	"	"	"	"	"	R-03
Xylenes (total)	ND	1.12	"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-02
Surrogate: 4-BFB (PID)	183 %	50-150			"	"	"	"	S-02
SB-29-10 (B0K0574-18) Soil Sampled: 11/21/00 13:37 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	6.97	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	86.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	90.6 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-15 (B0K0574-19) Soil Sampled: 11/21/00 13:48 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	71.6 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	75.2 %	50-150			"	"	"	"	
SB-29-20 (B0K0574-20) Soil Sampled: 11/21/00 13:50 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K27018	11/27/00	11/30/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	72.3 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	78.7 %	50-150			"	"	"	"	
SB-29-25 (B0K0574-21) Soil Sampled: 11/21/00 13:55 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K26005	11/26/00	11/27/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	74.2 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	77.3 %	50-150			"	"	"	"	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
12100 NE 195th Street
Bothell WA, 98011

Project: West Commodore Way Phase II
Project Number: n/a
Project Manager: Bryan Graham

Reported:
12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45										
Gasoline Range Hydrocarbons	5120	100		mg/kg dry	20	0K26005	11/26/00	11/27/00	NWTPH-Gx/8021B	
Benzene	ND	1.00		"	"	"	"	"	"	
Toluene	ND	1.00		"	"	"	"	"	"	
Ethylbenzene	ND	9.12		"	"	"	"	"	"	R-03
Xylenes (total)	ND	33.0		"	"	"	"	"	"	R-03
Surrogate: 4-BFB (FID)	%	50-150				"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	50-150				"	"	"	"	S-01
SB-30-5 (B0K0574-23) Soil Sampled: 11/21/00 15:02 Received: 11/21/00 18:45										
Gasoline Range Hydrocarbons	19.8	5.00		mg/kg dry	1	0K26005	11/26/00	11/27/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500		"	"	"	"	"	"	
Toluene	ND	0.0500		"	"	"	"	"	"	
Ethylbenzene	ND	0.0500		"	"	"	"	"	"	
Xylenes (total)	ND	0.100		"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	98.5 %	50-150				"	"	"	"	
Surrogate: 4-BFB (PID)	94.5 %	50-150				"	"	"	"	
SB-30-10 (B0K0574-24) Soil Sampled: 11/21/00 15:10 Received: 11/21/00 18:45										
Gasoline Range Hydrocarbons	ND	5.00		mg/kg dry	1	0K26005	11/26/00	11/27/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500		"	"	"	"	"	"	
Toluene	ND	0.0500		"	"	"	"	"	"	
Ethylbenzene	ND	0.0500		"	"	"	"	"	"	
Xylenes (total)	ND	0.100		"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	82.0 %	50-150				"	"	"	"	
Surrogate: 4-BFB (PID)	86.0 %	50-150				"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-30-15 (B0K0574-25) Soil Sampled: 11/21/00 15:15 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K26005	11/26/00	11/27/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	80.8 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	85.6 %	50-150			"	"	"	"	
SB-30-20 (B0K0574-26) Soil Sampled: 11/21/00 15:20 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	18.7	5.00	mg/kg dry	1	0K26005	11/26/00	11/28/00	NWTPH-Gx/8021B	
Benzene	ND	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	100 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	92.4 %	50-150			"	"	"	"	
SB-30-25 (B0K0574-27) Soil Sampled: 11/21/00 15:25 Received: 11/21/00 18:45									
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	1	0K26005	11/26/00	11/26/00	NWTPH-Gx/8021B	
Benzene	0.0853	0.0500	"	"	"	"	"	"	
Toluene	ND	0.0500	"	"	"	"	"	"	
Ethylbenzene	ND	0.0500	"	"	"	"	"	"	
Xylenes (total)	ND	0.100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	75.1 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	76.7 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Page 10 of



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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Volatile Petroleum Hydrocarbons by modified WDOE Interim TPH Policy Method
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45									
C5-C6 Aliphatics	ND	100	mg/kg dry	20	0L04023	12/04/00	12/05/00	WA MTCA-VPH	
C6-C8 Aliphatics	ND	100	"	"	"	"	"	"	
C8-C10 Aliphatics	ND	100	"	"	"	"	"	"	
C10-C12 Aliphatics	238	100	"	"	"	"	"	"	
C8-C10 Aromatics	ND	100	"	"	"	"	"	"	
C10-C12 Aromatics	107	100	"	"	"	"	"	"	
C12-C13 Aromatics	364	100	"	"	"	"	"	"	
Total VPH (TVPH)	709	100	"	"	"	"	"	"	

Surrogate: 4-BFB (FID)	%	60-140			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	60-140			"	"	"	"	S-01

SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45									
C5-C6 Aliphatics	ND	100	mg/kg dry	20	0L04023	12/04/00	12/05/00	WA MTCA-VPH	
C8 Aliphatics	171	100	"	"	"	"	"	"	
C10 Aliphatics	416	100	"	"	"	"	"	"	
C10-C12 Aliphatics	1070	100	"	"	"	"	"	"	
C8-C10 Aromatics	351	100	"	"	"	"	"	"	
C10-C12 Aromatics	766	100	"	"	"	"	"	"	
C12-C13 Aromatics	202	100	"	"	"	"	"	"	
Total VPH (TVPH)	2970	100	"	"	"	"	"	"	

Surrogate: 4-BFB (FID)	%	60-140			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	60-140			"	"	"	"	S-01

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

BTEX, MTBE and Naphthalene by WDOE Interim TPH Policy Method using GC/MS
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-5 (BOK0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45									
Methyl tert-butyl ether	ND	1.00	mg/kg dry	1	OK28037	11/27/00	11/27/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
Ethylbenzene	ND	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.100	"	"	"	"	"	"	
Naphthalene	0.228	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	134 %	70-130			"	"	"	"	S-0
Surrogate: Toluene-d8	104 %	70-130			"	"	"	"	
Surrogate: 4-BFB	101 %	70-130			"	"	"	"	
SB-30-2 (BOK0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45									
Methyl tert-butyl ether	ND	1.00	mg/kg dry	1	OK28037	11/27/00	11/27/00	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	
Toluene	ND	0.100	"	"	"	"	"	"	
Ethylbenzene	4.73	0.100	"	"	"	"	"	"	
m,p-Xylene	6.31	0.200	"	"	"	"	"	"	
o-Xylene	8.34	1.00	"	10	"	"	11/28/00	"	
Naphthalene	5.72	0.100	"	1	"	"	11/27/00	"	
Surrogate: 1,2-DCA-d4	148 %	70-130			"	"	"	"	S-0
Surrogate: Toluene-d8	78.4 %	70-130			"	"	"	"	
Surrogate: 4-BFB	61.6 %	70-130			"	"	"	"	S-0

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-26-2 (B0K0574-01) Soil Sampled: 11/21/00 08:35 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	54.1	10.0	mg/kg dry	1	0K28028	11/28/00	11/28/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	82.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.5 %	50-150			"	"	"	"	
SB-26-4 (B0K0574-02) Soil Sampled: 11/21/00 08:40 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	10.7	10.0	mg/kg dry	1	0K28028	11/28/00	11/28/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	75.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.6 %	50-150			"	"	"	"	
SB-26-9 (B0K0574-03) Soil Sampled: 11/21/00 08:50 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28028	11/28/00	11/28/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	87.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.9 %	50-150			"	"	"	"	
SB-26-14 (B0K0574-04) Soil Sampled: 11/21/00 08:58 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28028	11/28/00	11/28/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	85.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	92.1 %	50-150			"	"	"	"	
SB-26-19 (B0K0574-05) Soil Sampled: 11/21/00 09:02 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28028	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	87.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	83.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-27-2 (B0K0574-06) Soil Sampled: 11/21/00 09:55 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	562	10.0	mg/kg dry	1	0K28028	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	472	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	81.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	91.3 %	50-150			"	"	"	"	
SB-27-5 (B0K0574-07) Soil Sampled: 11/21/00 10:05 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	1190	210	mg/kg dry	21	0K28028	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	525	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-0.
Surrogate: Octacosane	68.0 %	50-150			"	"	"	"	
SB-27-10 (B0K0574-08) Soil Sampled: 11/21/00 10:11 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	242	110	mg/kg dry	11	0K28028	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	316	275	"	"	"	"	"	"	
Surrogate: 2-FBP	53.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	96.6 %	50-150			"	"	"	"	
SB-27-15 (B0K0574-09) Soil Sampled: 11/21/00 10:20 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28028	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	82.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	88.7 %	50-150			"	"	"	"	
SB-27-20 (B0K0574-10) Soil Sampled: 11/21/00 10:25 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28028	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	86.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	80.0 %	50-150			"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-28-2 (B0K0574-11) Soil Sampled: 11/21/00 11:15 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	12.3	10.0	mg/kg dry	1	0K28028	11/28/00	11/29/00	NWTPH-Dx	D-09
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	"
Surrogate: 2-FBP	84.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	90.2 %	50-150			"	"	"	"	
SB-28-5 (B0K0574-12) Soil Sampled: 11/21/00 11:24 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	74.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.2 %	50-150			"	"	"	"	
SB-28-10 (B0K0574-13) Soil Sampled: 11/21/00 11:34 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	81.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	76.0 %	50-150			"	"	"	"	
SB-28-15 (B0K0574-14) Soil Sampled: 11/21/00 11:40 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	72.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	84.5 %	50-150			"	"	"	"	
SB-28-20 (B0K0574-15) Soil Sampled: 11/21/00 11:50 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	84.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	79.4 %	50-150			"	"	"	"	

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-2 (B0K0574-16) Soil Sampled: 11/21/00 13:25 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	3220	110	mg/kg dry	11	OK28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	1160	275	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-0
Surrogate: Octacosane	98.3 %	50-150			"	"	"	"	
SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	1930	110	mg/kg dry	11	OK28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	488	275	"	"	"	"	"	"	
Surrogate: 2-FBP	%	50-150			"	"	"	"	S-0
Surrogate: Octacosane	79.5 %	50-150			"	"	"	"	
SB-29-10 (B0K0574-18) Soil Sampled: 11/21/00 13:37 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	73.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.5 %	50-150			"	"	"	"	
SB-29-15 (B0K0574-19) Soil Sampled: 11/21/00 13:48 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	80.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.7 %	50-150			"	"	"	"	
SB-29-20 (B0K0574-20) Soil Sampled: 11/21/00 13:50 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	OK28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	72.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.2 %	50-150			"	"	"	"	

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Amar Gill, Project Manager

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-25 (B0K0574-21) Soil Sampled: 11/21/00 13:55 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	78.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.1 %	50-150			"	"	"	"	
SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	832	110	mg/kg dry	11	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	275	"	"	"	"	"	"	
Surrogate: 2-FBP	126 %	50-150			"	"	"	"	
Surrogate: Octacosane	76.5 %	50-150			"	"	"	"	
SB-30-5 (B0K0574-23) Soil Sampled: 11/21/00 15:02 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	78.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	76.2 %	50-150			"	"	"	"	
SB-30-10 (B0K0574-24) Soil Sampled: 11/21/00 15:10 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	70.1 %	50-150			"	"	"	"	
Surrogate: Octacosane	80.2 %	50-150			"	"	"	"	
SB-30-15 (B0K0574-25) Soil Sampled: 11/21/00 15:15 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	80.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.4 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-30-20 (B0K0574-26) Soil Sampled: 11/21/00 15:20 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	16.5	10.0	mg/kg dry	1	0K28055	11/28/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	86.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	89.9 %	50-150			"	"	"	"	
SB-30-25 (B0K0574-27) Soil Sampled: 11/21/00 15:25 Received: 11/21/00 18:45									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	0K29005	11/29/00	11/29/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	91.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.6 %	50-150			"	"	"	"	

Aman Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Extractable Petroleum Hydrocarbons by modified WDOE Interim TPH Policy Method
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45

C8-C10 Aliphatics	24.1	10.0	mg/kg dry	2	0L04002	12/04/00	12/07/00	WA MTCA-EPH	
C10-C12 Aliphatics	220	10.0	"	"	"	"	"	"	
C12-C16 Aliphatics	672	10.0	"	"	"	"	"	"	
C16-C21 Aliphatics	245	10.0	"	"	"	"	"	"	
C21-C34 Aliphatics	214	10.0	"	"	"	"	"	"	
C10-C12 Aromatics	39.9	10.0	"	"	"	"	"	"	
C12-C16 Aromatics	253	10.0	"	"	"	"	"	"	
C16-C21 Aromatics	136	10.0	"	"	"	"	"	"	
C21-C34 Aromatics	150	10.0	"	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	1950		"	"	"	"	"	"	
Surrogate: 2-FBP	107 %	50-150			"	"	"	"	
Surrogate: Octacosane	90.1 %	50-150			"	"	"	"	
Surrogate: Undecane	104 %	30-150			"	"	"	"	

SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45

C8-C10 Aliphatics	731	10.0	mg/kg dry	2	0L04002	12/04/00	12/07/00	WA MTCA-EPH	
C10-C12 Aliphatics	1850	10.0	"	"	"	"	"	"	
C12-C16 Aliphatics	914	10.0	"	"	"	"	"	"	
C16-C21 Aliphatics	93.8	10.0	"	"	"	"	"	"	
C21-C34 Aliphatics	119	10.0	"	"	"	"	"	"	
C10-C12 Aromatics	279	10.0	"	"	"	"	"	"	
C12-C16 Aromatics	107	10.0	"	"	"	"	"	"	
C16-C21 Aromatics	51.2	10.0	"	"	"	"	"	"	
C21-C34 Aromatics	87.7	10.0	"	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	4230		"	"	"	"	"	"	
Surrogate: 2-FBP	94.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.2 %	50-150			"	"	"	"	
Surrogate: Undecane	%	30-150			"	"	"	"	S-02

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB-26-2 (B0K0574-01) Soil Sampled: 11/21/00 08:35 Received: 11/21/00 18:45									
Lead	3.19	0.347	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-26-4 (B0K0574-02) Soil Sampled: 11/21/00 08:40 Received: 11/21/00 18:45									
Lead	9.18	0.342	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-26-9 (B0K0574-03) Soil Sampled: 11/21/00 08:50 Received: 11/21/00 18:45									
Lead	2.45	0.298	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-26-14 (B0K0574-04) Soil Sampled: 11/21/00 08:58 Received: 11/21/00 18:45									
Lead	2.89	0.382	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-26-19 (B0K0574-05) Soil Sampled: 11/21/00 09:02 Received: 11/21/00 18:45									
Lead	2.37	0.342	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-27-2 (B0K0574-06) Soil Sampled: 11/21/00 09:55 Received: 11/21/00 18:45									
Lead	4.63	0.362	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-27-5 (B0K0574-07) Soil Sampled: 11/21/00 10:05 Received: 11/21/00 18:45									
Lead	2.79	0.352	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-27-10 (B0K0574-08) Soil Sampled: 11/21/00 10:11 Received: 11/21/00 18:45									
Lead	7.61	0.352	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-27-15 (B0K0574-09) Soil Sampled: 11/21/00 10:20 Received: 11/21/00 18:45									
Lead	5.56	0.373	mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-27-20 (B0K0574-10) Soil Sampled: 11/21/00 10:25 Received: 11/21/00 18:45										
Lead	2.01	0.350		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-28-2 (B0K0574-11) Soil Sampled: 11/21/00 11:15 Received: 11/21/00 18:45										
Lead	2.41	0.336		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-28-5 (B0K0574-12) Soil Sampled: 11/21/00 11:24 Received: 11/21/00 18:45										
Lead	4.62	0.338		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-28-10 (B0K0574-13) Soil Sampled: 11/21/00 11:34 Received: 11/21/00 18:45										
Lead	3.02	0.355		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-28-15 (B0K0574-14) Soil Sampled: 11/21/00 11:40 Received: 11/21/00 18:45										
Lead	3.66	0.331		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-28-20 (B0K0574-15) Soil Sampled: 11/21/00 11:50 Received: 11/21/00 18:45										
Lead	2.48	0.357		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-29-2 (B0K0574-16) Soil Sampled: 11/21/00 13:25 Received: 11/21/00 18:45										
Lead	13.3	0.336		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45										
Lead	4.27	0.311		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	
SB-29-10 (B0K0574-18) Soil Sampled: 11/21/00 13:37 Received: 11/21/00 18:45										
Lead	5.28	0.329		mg/kg dry	1	0L01037	12/01/00	12/03/00	EPA 6020	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-15 (B0K0574-19) Soil Sampled: 11/21/00 13:48 Received: 11/21/00 18:45									
Lead	3.86	0.331	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-29-20 (B0K0574-20) Soil Sampled: 11/21/00 13:50 Received: 11/21/00 18:45									
Lead	2.31	0.352	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-29-25 (B0K0574-21) Soil Sampled: 11/21/00 13:55 Received: 11/21/00 18:45									
Lead	2.15	0.340	mg/kg dry	1	0L01039	12/01/00	12/04/00	EPA 6020	
SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45									
Lead	7.22	0.370	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-30-5 (B0K0574-23) Soil Sampled: 11/21/00 15:02 Received: 11/21/00 18:45									
Lead	3.41	0.329	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-30-10 (B0K0574-24) Soil Sampled: 11/21/00 15:10 Received: 11/21/00 18:45									
Lead	3.82	0.360	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-30-15 (B0K0574-25) Soil Sampled: 11/21/00 15:15 Received: 11/21/00 18:45									
Lead	3.40	0.352	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-30-20 (B0K0574-26) Soil Sampled: 11/21/00 15:20 Received: 11/21/00 18:45									
Lead	2.50	0.345	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	
SB-30-25 (B0K0574-27) Soil Sampled: 11/21/00 15:25 Received: 11/21/00 18:45									
Lead	2.31	0.342	mg/kg dry	1	0L01039	12/01/00	12/03/00	EPA 6020	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-26-2 (B0K0574-01RE1) Soil Sampled: 11/21/00 08:35 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.100	mg/kg dry	2	0L05012	12/05/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	53.3 %	30-150			"	"	"	"	
SB-26-4 (B0K0574-02RE1) Soil Sampled: 11/21/00 08:40 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.0500	mg/kg dry	1	0L05012	12/05/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	72.0 %	30-150			"	"	"	"	
SB-26-9 (B0K0574-03RE1) Soil Sampled: 11/21/00 08:50 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.0500	mg/kg dry	1	0L05012	12/05/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	49.2 %	30-150			"	"	"	"	
SB-27-2 (B0K0574-06) Soil Sampled: 11/21/00 09:55 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K29027	11/29/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	71.6 %	30-150			"	"	"	"	
SB-27-5 (B0K0574-07) Soil Sampled: 11/21/00 10:05 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.500	mg/kg dry	10	0K29027	11/29/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	77.0 %	30-150			"	"	"	"	
SB-27-10 (B0K0574-08) Soil Sampled: 11/21/00 10:11 Received: 11/21/00 18:45									
Pentachlorophenol	ND	1.00	mg/kg dry	20	0K29027	11/29/00	12/02/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	82.7 %	30-150			"	"	"	"	
SB-29-2 (B0K0574-16) Soil Sampled: 11/21/00 13:25 Received: 11/21/00 18:45									
Pentachlorophenol	ND	2.50	mg/kg dry	50	0K29027	11/29/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	58.2 %	30-150			"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45									
Pentachlorophenol	ND	1.00	mg/kg dry	20	0K29027	11/29/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	47.9 %	30-150			"	"	"	"	
SB-29-10 (B0K0574-18RE1) Soil Sampled: 11/21/00 13:37 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.0500	mg/kg dry	1	0L05012	12/05/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	49.0 %	30-150			"	"	"	"	
SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.250	mg/kg dry	5	0K29027	11/29/00	12/05/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	67.9 %	30-150			"	"	"	"	
SB-30-5 (B0K0574-23RE1) Soil Sampled: 11/21/00 15:02 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.0500	mg/kg dry	1	0L05012	12/05/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	30.3 %	30-150			"	"	"	"	
SB-30-10 (B0K0574-24RE1) Soil Sampled: 11/21/00 15:10 Received: 11/21/00 18:45									
Pentachlorophenol	ND	0.0500	mg/kg dry	1	0L05012	12/05/00	12/06/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	51.3 %	30-150			"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-26-2 (B0K0574-01) Soil Sampled: 11/21/00 08:35 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0200	mg/kg dry	2	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0200	"	"	"	"	"	"	
Chrysene	ND	0.0200	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0200	"	"	"	"	"	"	
Surrogate: 2-FBP	75.4 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	81.0 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	114 %	19-137			"	"	"	"	
SB-26-4 (B0K0574-02) Soil Sampled: 11/21/00 08:40 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0100	mg/kg dry	1	0K29027	11/29/00	11/30/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	92.8 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	90.8 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	81.6 %	19-137			"	"	"	"	
SB-26-9 (B0K0574-03) Soil Sampled: 11/21/00 08:50 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0100	mg/kg dry	1	0K29027	11/29/00	12/02/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	71.2 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	82.7 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	91.1 %	19-137			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-27-2 (BOK0574-06) Soil Sampled: 11/21/00 09:55 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0500	mg/kg dry	5	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Surrogate: 2-FBP	83.2 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	76.1 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	115 %	19-137			"	"	"	"	
SB-27-5 (BOK0574-07) Soil Sampled: 11/21/00 10:05 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.100	mg/kg dry	10	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Chrysene	ND	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	
Surrogate: 2-FBP	84.2 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	71.4 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	120 %	19-137			"	"	"	"	
SB-27-10 (BOK0574-08) Soil Sampled: 11/21/00 10:11 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.200	mg/kg dry	20	0K29027	11/29/00	12/02/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.200	"	"	"	"	"	"	
Chrysene	ND	0.200	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.200	"	"	"	"	"	"	
Surrogate: 2-FBP	97.3 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	69.2 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	94.1 %	19-137			"	"	"	"	

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-29-2 (B0K0574-16) Soil Sampled: 11/21/00 13:25 Received: 11/21/00 18:45										
Benzo (a) anthracene	ND	0.500		mg/kg dry	50	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.500		"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.500		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.500		"	"	"	"	"	"	
Chrysene	ND	0.500		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.500		"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.500		"	"	"	"	"	"	
Surrogate: 2-FBP	76.2 %	13-140				"	"	"	"	
Surrogate: Nitrobenzene-d5	56.1 %	10-138				"	"	"	"	
Surrogate: p-Terphenyl-d14	97.9 %	19-137				"	"	"	"	
SB-29-5 (B0K0574-17) Soil Sampled: 11/21/00 13:29 Received: 11/21/00 18:45										
Benzo (a) anthracene	ND	0.200		mg/kg dry	20	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.200		"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.200		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.200		"	"	"	"	"	"	
Chrysene	ND	0.200		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.200		"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.200		"	"	"	"	"	"	
Surrogate: 2-FBP	79.2 %	13-140				"	"	"	"	
Surrogate: Nitrobenzene-d5	72.0 %	10-138				"	"	"	"	
Surrogate: p-Terphenyl-d14	106 %	19-137				"	"	"	"	
SB-29-10 (B0K0574-18) Soil Sampled: 11/21/00 13:37 Received: 11/21/00 18:45										
Benzo (a) anthracene	ND	0.0100		mg/kg dry	1	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	0.0430	0.0100		"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100		"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100		"	"	"	"	"	"	
Chrysene	ND	0.0100		"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100		"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100		"	"	"	"	"	"	
Surrogate: 2-FBP	64.0 %	13-140				"	"	"	"	
Surrogate: Nitrobenzene-d5	81.3 %	10-138				"	"	"	"	
Surrogate: p-Terphenyl-d14	102 %	19-137				"	"	"	"	

North Creek Analytical - Bothell

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Amar GNI, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a Reported: 12/11/00 16:49
 Bothell WA, 98011 Project Manager: Bryan Graham

**Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-30-2 (B0K0574-22) Soil Sampled: 11/21/00 14:59 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0500	mg/kg dry	5	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Surrogate: 2-FBP	79.7 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	274 %	10-138			"	"	"	"	S-C
Surrogate: p-Terphenyl-d14	109 %	19-137			"	"	"	"	
SB-30-5 (B0K0574-23) Soil Sampled: 11/21/00 15:02 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0100	mg/kg dry	1	0K29027	11/29/00	12/05/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	65.0 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	77.7 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	110 %	19-137			"	"	"	"	
SB-30-10 (B0K0574-24) Soil Sampled: 11/21/00 15:10 Received: 11/21/00 18:45									
Benzo (a) anthracene	ND	0.0100	mg/kg dry	1	0K29027	11/29/00	12/02/00	GCMS-SIM	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: 2-FBP	70.1 %	13-140			"	"	"	"	
Surrogate: Nitrobenzene-d5	81.7 %	10-138			"	"	"	"	
Surrogate: p-Terphenyl-d14	91.9 %	19-137			"	"	"	"	

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-26-2 (B0K0574-01) Soil	Sampled: 11/21/00 08:35		Received: 11/21/00 18:45						
Dry Weight	85.5	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-26-4 (B0K0574-02) Soil	Sampled: 11/21/00 08:40		Received: 11/21/00 18:45						
Dry Weight	80.7	1.00	%	1	OK29008	11/29/00	11/29/00	BSOPSPL003R07	
SB-26-9 (B0K0574-03) Soil	Sampled: 11/21/00 08:50		Received: 11/21/00 18:45						
Dry Weight	87.2	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-26-14 (B0K0574-04) Soil	Sampled: 11/21/00 08:58		Received: 11/21/00 18:45						
Dry Weight	84.0	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-26-19 (B0K0574-05) Soil	Sampled: 11/21/00 09:02		Received: 11/21/00 18:45						
Dry Weight	81.5	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-27-2 (B0K0574-06) Soil	Sampled: 11/21/00 09:55		Received: 11/21/00 18:45						
Dry Weight	84.7	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-27-5 (B0K0574-07) Soil	Sampled: 11/21/00 10:05		Received: 11/21/00 18:45						
Dry Weight	85.1	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-27-10 (B0K0574-08) Soil	Sampled: 11/21/00 10:11		Received: 11/21/00 18:45						
Dry Weight	89.9	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-27-15 (B0K0574-09) Soil	Sampled: 11/21/00 10:20		Received: 11/21/00 18:45						
Dry Weight	80.4	1.00	%	1	OK28052	11/28/00	11/29/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-27-20 (B0K0574-10) Soil	Sampled: 11/21/00 10:25 Received: 11/21/00 18:45								
Dry Weight	82.0	1.00	%	1	0K28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-28-2 (B0K0574-11) Soil	Sampled: 11/21/00 11:15 Received: 11/21/00 18:45								
Dry Weight	87.2	1.00	%	1	0K28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-28-5 (B0K0574-12) Soil	Sampled: 11/21/00 11:24 Received: 11/21/00 18:45								
Dry Weight	80.1	1.00	%	1	0K28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-28-10 (B0K0574-13) Soil	Sampled: 11/21/00 11:34 Received: 11/21/00 18:45								
Dry Weight	81.6	1.00	%	1	0K28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-28-15 (B0K0574-14) Soil	Sampled: 11/21/00 11:40 Received: 11/21/00 18:45								
Dry Weight	82.9	1.00	%	1	0K28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-28-20 (B0K0574-15) Soil	Sampled: 11/21/00 11:50 Received: 11/21/00 18:45								
Dry Weight	81.6	1.00	%	1	0K28052	11/28/00	11/29/00	BSOPSPL003R07	
SB-29-2 (B0K0574-16) Soil	Sampled: 11/21/00 13:25 Received: 11/21/00 18:45								
Dry Weight	88.2	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-29-5 (B0K0574-17) Soil	Sampled: 11/21/00 13:29 Received: 11/21/00 18:45								
Dry Weight	80.7	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-29-10 (B0K0574-18) Soil	Sampled: 11/21/00 13:37 Received: 11/21/00 18:45								
Dry Weight	82.1	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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 Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-29-15 (B0K0574-19) Soil	Sampled: 11/21/00 13:48 Received: 11/21/00 18:45								
Dry Weight	83.9	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-29-20 (B0K0574-20) Soil	Sampled: 11/21/00 13:50 Received: 11/21/00 18:45								
Dry Weight	82.0	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-29-25 (B0K0574-21) Soil	Sampled: 11/21/00 13:55 Received: 11/21/00 18:45								
Dry Weight	83.4	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-30-2 (B0K0574-22) Soil	Sampled: 11/21/00 14:59 Received: 11/21/00 18:45								
Dry Weight	78.6	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-30-5 (B0K0574-23) Soil	Sampled: 11/21/00 15:02 Received: 11/21/00 18:45								
Dry Weight	84.8	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-30-10 (B0K0574-24) Soil	Sampled: 11/21/00 15:10 Received: 11/21/00 18:45								
Dry Weight	84.7	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-30-15 (B0K0574-25) Soil	Sampled: 11/21/00 15:15 Received: 11/21/00 18:45								
Dry Weight	91.6	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-30-20 (B0K0574-26) Soil	Sampled: 11/21/00 15:20 Received: 11/21/00 18:45								
Dry Weight	89.9	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	
SB-30-25 (B0K0574-27) Soil	Sampled: 11/21/00 15:25 Received: 11/21/00 18:45								
Dry Weight	81.1	1.00	%	1	0K28053	11/28/00	11/29/00	BSOPSPL003R07	

North Creek Analytical - Bothell

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Brian Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K26005: Prepared 11/26/00 Using EPA 5030B (MeOH)										
Blank (0K26005-BLK1)										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	3.47		"	4.00		86.8	50-150			
Surrogate: 4-BFB (PID)	3.59		"	4.00		89.7	50-150			
LCS (0K26005-BS1)										
Gasoline Range Hydrocarbons	25.0	5.00	mg/kg wet	25.0		100	70-130			
Surrogate: 4-BFB (FID)	3.98		"	4.00		99.5	50-150			
Duplicate (0K26005-DUP1) Source: B0K0574-27										
Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			5.13	50	
Surrogate: 4-BFB (FID)	3.70		"	4.93		75.1	50-150			
Duplicate (0K26005-DUP2) Source: B0K0574-26										
Gasoline Range Hydrocarbons	41.4	5.00	mg/kg dry		18.7			75.5	50	Q
Surrogate: 4-BFB (FID)	5.43		"	4.45		122	50-150			
Matrix Spike (0K26005-MS1) Source: B0K0563-03										
Benzene	0.574	0.100	mg/kg dry	0.619	ND	90.6	60-140			
Toluene	0.590	0.100	"	0.619	ND	94.4	60-140			
Ethylbenzene	0.619	0.100	"	0.619	ND	94.2	60-140			
Xylenes (total)	1.87	0.200	"	1.86	ND	94.0	60-140			
Surrogate: 4-BFB (PID)	5.06		"	4.95		102	50-150			
Matrix Spike Dup (0K26005-MSD1) Source: B0K0563-03										
Benzene	0.583	0.100	mg/kg dry	0.619	ND	92.1	60-140	1.56	20	
Toluene	0.578	0.100	"	0.619	ND	92.5	60-140	2.05	20	
Ethylbenzene	0.618	0.100	"	0.619	ND	94.0	60-140	0.162	20	
Xylenes (total)	1.93	0.200	"	1.86	ND	97.2	60-140	3.16	20	
Surrogate: 4-BFB (PID)	5.35		"	4.95		108	50-150			

North Creek Analytical - Bothell

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James Gill, Project Manager



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K27018: Prepared 11/27/00 Using EPA 5030B (MeOH)

Blank (0K27018-BLK1)

Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	3.45		"	4.00		86.3	50-150			
Surrogate: 4-BFB (PID)	3.69		"	4.00		92.3	50-150			

LCS (0K27018-BS1)

Gasoline Range Hydrocarbons	24.7	5.00	mg/kg wet	25.0		98.8	70-130			
Surrogate: 4-BFB (FID)	3.97		"	4.00		99.3	50-150			

Duplicate (0K27018-DUP1)

Source: B0K0574-01

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			15.0	50	
Surrogate: 4-BFB (FID)	3.42		"	4.68		73.1	50-150			

Duplicate (0K27018-DUP2)

Source: B0K0574-10

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry		ND			2.08	50	
Surrogate: 4-BFB (FID)	3.70		"	4.88		75.8	50-150			

Matrix Spike (0K27018-MS1)

Source: B0K0574-03

Benzene	0.538	0.0500	mg/kg dry	0.573	ND	93.2	60-140			
Toluene	0.559	0.0500	"	0.573	ND	97.0	60-140			
Ethylbenzene	0.544	0.0500	"	0.573	ND	94.9	60-140			
Xylenes (total)	1.67	0.100	"	1.72	ND	95.5	60-140			
Surrogate: 4-BFB (PID)	4.12		"	4.59		89.8	50-150			

Matrix Spike Dup (0K27018-MSD1)

Source: B0K0574-03

Benzene	0.544	0.0500	mg/kg dry	0.573	ND	94.2	60-140	1.11	20	
Toluene	0.565	0.0500	"	0.573	ND	98.1	60-140	1.07	20	
Ethylbenzene	0.550	0.0500	"	0.573	ND	96.0	60-140	1.10	20	
Xylenes (total)	1.69	0.100	"	1.72	ND	96.7	60-140	1.19	20	
Surrogate: 4-BFB (PID)	3.81		"	4.59		83.0	50-150			

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Volatile Petroleum Hydrocarbons by modified WDOE Interim TPH Policy Method - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L04023: Prepared 12/04/00 Using EPA 5030B (MeOH)										
Blank (0L04023-BLK1)										
C5-C6 Aliphatics	ND	5.00	mg/kg wet							
C6-C8 Aliphatics	ND	5.00	"							
C8-C10 Aliphatics	ND	5.00	"							
C10-C12 Aliphatics	ND	5.00	"							
C8-C10 Aromatics	ND	5.00	"							
C10-C12 Aromatics	ND	5.00	"							
C12-C13 Aromatics	ND	5.00	"							
Total VPH (TVPH)	ND	5.00	"							
Surrogate: 4-BFB (FID)	3.93		"	4.00		98.3	60-140			
Surrogate: 4-BFB (PID)	4.46		"	4.00		112	60-140			
LCS (0L04023-BS1)										
Total VPH (TVPH)	12.2	5.00	mg/kg wet	12.0		102	70-130			
Surrogate: 4-BFB (FID)	3.91		"	4.00		97.8	60-140			
Surrogate: 4-BFB (PID)	4.37		"	4.00		109	60-140			
Duplicate (0L04023-DUP1) Source: B0K0574-17										
C5-C6 Aliphatics	ND	100	mg/kg dry		ND			21.3	25	
C6-C8 Aliphatics	ND	100	"		ND			5.96	25	
C8-C10 Aliphatics	ND	100	"		ND			20.8	25	
C10-C12 Aliphatics	192	100	"		238			21.4	25	
C8-C10 Aromatics	ND	100	"		ND			20.8	25	
C10-C12 Aromatics	106	100	"		107			0.939	25	
C12-C13 Aromatics	327	100	"		364			10.7	25	
Total VPH (TVPH)	625	100	"		709			12.6	25	
Surrogate: 4-BFB (FID)	0		"	4.96				60-140		S-01
Surrogate: 4-BFB (PID)	7.83		"	4.96		158		60-140		S-06

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**BTEX, MTBE and Naphthalene by WDOE Interim TPH Policy Method using GC/MS - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K28037: Prepared 11/27/00 Using EPA 5030B [P/T]

Blank (0K28037-BLK1)

Methyl tert-butyl ether	ND	1.00	mg/kg wet							
Benzene	ND	0.100	"							
Toluene	ND	0.100	"							
Ethylbenzene	ND	0.100	"							
m,p-Xylene	ND	0.200	"							
o-Xylene	ND	0.100	"							
Naphthalene	ND	0.100	"							
Surrogate: 1,2-DCA-d4	2.07		"	2.00		103	70-130			
Surrogate: Toluene-d8	1.74		"	2.00		87.0	70-130			
Surrogate: 4-BFB	2.18		"	2.00		109	70-130			

MS (0K28037-BS1)

Benzene	1.03	0.100	mg/kg wet	1.00		103	70-130			
Toluene	0.898	0.100	"	1.00		89.8	70-130			
Surrogate: 1,2-DCA-d4	2.01		"	2.00		100	70-130			
Surrogate: Toluene-d8	1.87		"	2.00		93.5	70-130			
Surrogate: 4-BFB	1.95		"	2.00		97.5	70-130			

Matrix Spike (0K28037-MS1)

Source: B0K0613-31

Benzene	1.20	0.100	mg/kg dry	1.22	ND	98.4	70-130			
Toluene	0.924	0.100	"	1.22	ND	75.7	70-130			
Surrogate: 1,2-DCA-d4	2.80		"	2.44		115	70-130			
Surrogate: Toluene-d8	2.06		"	2.44		84.4	70-130			
Surrogate: 4-BFB	1.95		"	2.44		79.9	70-130			

Matrix Spike Dup (0K28037-MSD1)

Source: B0K0613-31

Benzene	1.02	0.100	mg/kg dry	1.22	ND	83.6	70-130	16.2	20	
Toluene	0.862	0.100	"	1.22	ND	70.7	70-130	6.94	20	
Surrogate: 1,2-DCA-d4	2.95		"	2.44		121	70-130			
Surrogate: Toluene-d8	2.25		"	2.44		92.2	70-130			
Surrogate: 4-BFB	2.11		"	2.44		86.5	70-130			

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K28028: Prepared 11/28/00 Using EPA 3550B

Blank (0K28028-BLK1)

Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	9.47		"	10.7		88.5	50-150			
Surrogate: Octacosane	8.76		"	10.7		81.9	50-150			

LCS (0K28028-BS1)

Diesel Range Hydrocarbons	70.6	10.0	mg/kg wet	66.7		106	60-140			
Surrogate: 2-FBP	8.93		"	10.7		83.5	50-150			

Duplicate (0K28028-DUP1)

Source: B0K0574-02

Diesel Range Hydrocarbons	16.7	10.0	mg/kg dry		10.7			43.8	50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND				50	
Surrogate: 2-FBP	11.9		"	13.2		90.2	50-150			
Surrogate: Octacosane	11.2		"	13.2		84.8	50-150			

Duplicate (0K28028-DUP2)

Source: B0K0636-09

Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND				50	
Surrogate: 2-FBP	8.65		"	11.6		74.6	50-150			
Surrogate: Octacosane	9.89		"	11.6		85.3	50-150			

Batch 0K28055: Prepared 11/28/00 Using EPA 3550B

Blank (0K28055-BLK1)

Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	8.17		"	10.7		76.4	50-150			
Surrogate: Octacosane	8.07		"	10.7		75.4	50-150			

North Creek Analytical - Bothell

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Page 36 of 36



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K28055: Prepared 11/28/00 Using EPA 3550B

LCS (0K28055-BS1)

Diesel Range Hydrocarbons	63.7	10.0	mg/kg wet	66.7		95.5	60-140			
Surrogate: 2-FBP	9.39		"	10.7		87.8	50-150			
Surrogate: Octacosane	9.58		"	10.7		89.5	50-150			

Duplicate (0K28055-DUP1)

Source: B0K0668-01

Diesel Range Hydrocarbons	44.4	10.0	mg/kg dry		37.2			17.6	50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			13.2	50	
Surrogate: 2-FBP	9.18		"	11.7		78.5	50-150			
Surrogate: Octacosane	8.58		"	11.7		73.3	50-150			

Duplicate (0K28055-DUP2)

Source: B0K0668-05

Diesel Range Hydrocarbons	8870	110	mg/kg dry		8020			10.1	50	
Lube Oil Range Hydrocarbons	ND	275	"		ND			23.3	50	
Surrogate: 2-FBP	14.6		"	12.0		122	50-150			
Surrogate: Octacosane	10.4		"	12.0		86.7	50-150			

Batch 0K29005: Prepared 11/29/00 Using EPA 3550B

Blank (0K29005-BLK1)

Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	9.46		"	10.7		88.4	50-150			
Surrogate: Octacosane	9.05		"	10.7		84.6	50-150			

LCS (0K29005-BS1)

Diesel Range Hydrocarbons	70.1	10.0	mg/kg wet	66.7		105	60-140			
Surrogate: 2-FBP	8.98		"	10.7		83.9	50-150			
Surrogate: Octacosane	9.66		"	10.7		90.3	50-150			

North Creek Analytical - Bothell

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K29005: Prepared 11/29/00 Using EPA 3550B										
Duplicate (0K29005-DUP1)					Source: B0K0574-27					
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			18.1	50	
Surrogate: 2-FBP	11.0		"	13.2		83.3	50-150			
Surrogate: Octacosane	10.9		"	13.2		82.6	50-150			
Duplicate (0K29005-DUP2)					Source: B0K0576-08					
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry		ND				50	
Lube Oil Range Hydrocarbons	ND	25.0	"		ND			23.1	50	
Surrogate: 2-FBP	9.75		"	13.2		73.9	50-150			
Surrogate: Octacosane	11.5		"	13.2		87.1	50-150			



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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Extractable Petroleum Hydrocarbons by modified WDOE Interim TPH Policy Method - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L04002: Prepared 12/04/00 Using EPA 3550B

Blank (0L04002-BLK1)

C8-C10 Aliphatics	ND	5.00	mg/kg wet							
C10-C12 Aliphatics	ND	5.00	"							
C12-C16 Aliphatics	ND	5.00	"							
C16-C21 Aliphatics	ND	5.00	"							
C21-C34 Aliphatics	ND	5.00	"							
C10-C12 Aromatics	ND	5.00	"							
C12-C16 Aromatics	ND	5.00	"							
C16-C21 Aromatics	ND	5.00	"							
C21-C34 Aromatics	ND	5.00	"							
Extractable Petroleum Hydrocarbons	0		"							
Surrogate: 2-FBP	9.70		"	12.1		80.2	50-150			
Surrogate: Octacosane	10.5		"	12.3		85.4	50-150			
Surrogate: Undecane	9.66		"	13.2		73.2	30-150			

LCS (0L04002-BS1)

Extractable Petroleum Hydrocarbons	137		mg/kg wet	167		82.0	30-120			
Surrogate: 2-FBP	10.8		"	12.1		89.3	50-150			
Surrogate: Octacosane	11.0		"	12.3		89.4	50-150			
Surrogate: Undecane	11.5		"	13.2		87.1	30-150			

LCS Dup (0L04002-BSD1)

Extractable Petroleum Hydrocarbons	142		mg/kg wet	167		85.0	30-120	3.58	40	
Surrogate: 2-FBP	11.4		"	12.1		94.2	50-150			
Surrogate: Octacosane	11.1		"	12.3		90.2	50-150			
Surrogate: Undecane	10.4		"	13.2		78.8	30-150			

Matrix Spike (0L04002-MS1)

Source: B0K0345-01

Extractable Petroleum Hydrocarbons	2510		mg/kg dry	199	2240	136	30-120			Q-03
Surrogate: 2-FBP	13.6		"	14.5		93.8	50-150			
Surrogate: Octacosane	14.4		"	14.7		98.0	50-150			
Surrogate: Undecane	16.8		"	15.8		106	30-150			

North Creek Analytical - Bothell

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Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L01037: Prepared 12/01/00 Using EPA 3050B										
Blank (0L01037-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0L01037-BS1)										
Lead	25.3	0.500	mg/kg wet	25.0		101	80-120			
Matrix Spike (0L01037-MS1) Source: B0K0574-01										
Lead	21.5	0.347	mg/kg dry	20.3	3.19	90.2	70-130			
Matrix Spike Dup (0L01037-MSD1) Source: B0K0574-01										
Lead	24.2	0.347	mg/kg dry	20.3	3.19	103	70-130	11.8	20	
Batch 0L01039: Prepared 12/01/00 Using EPA 3050B										
Blank (0L01039-BLK1)										
Lead	ND	0.500	mg/kg wet							
LCS (0L01039-BS1)										
Lead	26.5	0.500	mg/kg wet	25.0		106	80-120			
Matrix Spike (0L01039-MS1) Source: B0K0574-19										
Lead	22.6	0.331	mg/kg dry	19.7	3.86	95.1	70-130			
Matrix Spike Dup (0L01039-MSD1) Source: B0K0574-19										
Lead	22.0	0.331	mg/kg dry	19.7	3.86	92.1	70-130	2.69	20	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K29027: Prepared 11/29/00 Using EPA 3550B										
Blank (0K29027-BLK1)										
Pentachlorophenol	ND	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.26		"	1.67		75.4	30-150			
LCS (0K29027-BS1)										
Pentachlorophenol	0.559	0.0500	mg/kg wet	0.667		83.8	30-150			
Surrogate: 2,4,6-TBP	1.16		"	1.67		69.5	30-150			
Matrix Spike (0K29027-MS1) Source: B0K0574-02										
Pentachlorophenol	0.720	0.0500	mg/kg dry	0.827	0.108	74.0	25-200			
Surrogate: 2,4,6-TBP	1.55		"	2.07		74.9	30-150			
Matrix Spike Dup (0K29027-MSD1) Source: B0K0574-02										
Pentachlorophenol	0.787	0.0500	mg/kg dry	0.827	0.108	82.1	25-200	8.89	50	
Surrogate: 2,4,6-TBP	1.44		"	2.07		69.6	30-150			
Batch 0L05012: Prepared 12/05/00 Using EPA 3550B										
Blank (0L05012-BLK1)										
Pentachlorophenol	ND	0.0500	mg/kg wet							
Surrogate: 2,4,6-TBP	1.08		"	1.67		64.7	30-150			
LCS (0L05012-BS1)										
Pentachlorophenol	0.321	0.0500	mg/kg wet	0.667		48.1	30-150			
Surrogate: 2,4,6-TBP	1.42		"	1.67		85.0	30-150			
Matrix Spike (0L05012-MS1) Source: B0L0075-01										
Pentachlorophenol	2.01	0.250	mg/kg dry	0.739	1.96	6.77	25-200			Q-03
Surrogate: 2,4,6-TBP	1.10		"	1.85		59.5	30-150			

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L05012: Prepared 12/05/00 Using EPA 3550B										
Matrix Spike Dup (0L05012-MSD1) Source: B0L0075-01										
Pentachlorophenol	2.09	0.250	mg/kg dry	0.739	1.96	17.6	25-200	3.90	50	Q-
Surrogate: 2,4,6-TBP	1.10		"	1.85		59.5	30-150			

North Creek Analytical - Bothell

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 Amar Gill, Project Manager



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

**Carcinogenic Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0K29027: Prepared 11/29/00 Using EPA 3550B

Blank (0K29027-BLK1)

Benzo (a) anthracene	ND	0.0100	mg/kg wet							
Benzo (a) pyrene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Dibenz (a,h) anthracene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Surrogate: 2-FBP	1.14		"	1.67		68.3	13-140			
Surrogate: Nitrobenzene-d5	1.33		"	1.67		79.6	10-138			
Surrogate: p-Terphenyl-d14	1.53		"	1.67		91.6	19-137			

MS (0K29027-BS1)

Chrysene	0.264	0.0100	mg/kg wet	0.333		79.3	51-124			
Indeno (1,2,3-cd) pyrene	0.305	0.0100	"	0.333		91.6	27-148			
Surrogate: 2-FBP	1.12		"	1.67		67.1	13-140			
Surrogate: Nitrobenzene-d5	1.33		"	1.67		79.6	10-138			
Surrogate: p-Terphenyl-d14	1.44		"	1.67		86.2	19-137			

Matrix Spike (0K29027-MS1)

Source: B0K0574-02

Chrysene	0.310	0.0100	mg/kg dry	0.413	ND	75.1	15-147			
Indeno (1,2,3-cd) pyrene	0.365	0.0100	"	0.413	ND	88.4	10-179			
Surrogate: 2-FBP	1.44		"	2.07		69.6	13-140			
Surrogate: Nitrobenzene-d5	1.63		"	2.07		78.7	10-138			
Surrogate: p-Terphenyl-d14	1.77		"	2.07		85.5	19-137			

Matrix Spike Dup (0K29027-MSD1)

Source: B0K0574-02

Chrysene	0.345	0.0100	mg/kg dry	0.413	ND	83.5	15-147	10.7	37	
Indeno (1,2,3-cd) pyrene	0.414	0.0100	"	0.413	ND	100	10-179	12.6	53	
Surrogate: 2-FBP	1.51		"	2.07		72.9	13-140			
Surrogate: Nitrobenzene-d5	1.71		"	2.07		82.6	10-138			
Surrogate: p-Terphenyl-d14	1.90		"	2.07		91.8	19-137			

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9280
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/11/00 16:49
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**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K28052: Prepared 11/28/00 Using Dry Weight										
Blank (0K28052-BLK1)										
Dry Weight	100	1.00	%							
Batch 0K28053: Prepared 11/28/00 Using Dry Weight										
Blank (0K28053-BLK1)										
Dry Weight	100	1.00	%							
Batch 0K29008: Prepared 11/29/00 Using Dry Weight										
Blank (0K29008-BLK1)										
Dry Weight	100	1.00	%							

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/11/00 16:49

Notes and Definitions

- D-09 Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
- G-01 Results reported for the gas range are primarily due to overlap from diesel range hydrocarbons.
- Q-03 The percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte already present in the sample.
- Q-07 The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- S-03 The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- S-05 Due to interference from coeluting organic compounds with the primary surrogate, results of the secondary surrogate have been used to control the analysis.
- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0574**

CLIENT: <u>TIME OIL COMPANY / FOSTER WHEELER</u> REPORT TO: <u>SCOTT SLOAN COPY TO BRYAN GRAHAM</u> ADDRESS: <u>12100 NE 195TH ST STE 200</u> <u>BOTHELL WA 98011</u> PHONE: <u>425 482 7865</u> FAX: <u>425.482.7676</u>	INVOICE TO: <u>TIME OIL COMPANY</u> <u>ATTN: SCOTT SLOAN</u> P.O. NUMBER:	TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER _____ Please Specify <small>*Turnaround Requests less than standard may incur Rush Charges.</small>
---	---	--

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES										MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
		Bx/BTEX	NWTRH/Dx	TOTAL Pb	Penta (10/20)	Sim	BZ, 70-Sim								
SB. 26. 2	11.21.00 0835	X	X	X		X						Soil	2	BZ70-sim	01
SB. 26. 4	0840	X	X	X		X								includes	02
SB. 26. 9	0850	X	X	X		X								carcinogen	03
SB. 26. 14	0858	X	X	X										PAHs and	04
SB. 26. 19	0902	X	X	X										Penta only	05
SB. 27. 2	0955	X	X	X		X									06
SB. 27. 5	1005	X	X	X		X									07
SB. 27. 10	1011	X	X	X		X									08
SB. 27. 15	1020	X	X	X											09
SB. 27. 20	1025	X	X	X											10
SB. 28. 2	1115	X	X	X											11
SB. 28. 5	1124	X	X	X											12
SB. 28. 10	1134	X	X	X											13
SB. 28. 15	1140	X	X	X											14
SB. 28. 20	1150	X	X	X											15

RELINQUISHED BY: <u>D. M. Dink</u> PRINT NAME: <u>JEFF SPECK</u> FIRM: <u>FOSTER WHEELER</u>	DATE: <u>11.21.00</u> TIME: <u>10:45</u>	RECEIVED BY: <u>S. YAKAMWILD</u> PRINT NAME: _____ FIRM: <u>MCA</u>	DATE: <u>11/21/00</u> TIME: <u>18:45</u>
RELINQUISHED BY: _____ PRINT NAME: _____ FIRM: _____	DATE: _____ TIME: _____	RECEIVED BY: _____ PRINT NAME: _____ FIRM: _____	DATE: _____ TIME: _____



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 East 11115 Montgomery, Suite B, Spokane, WA 99216-4777
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 FAX 420-9210
 (509) 906-0000 FAX 9210
 (503) 906-9200 FAX 9210
 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0574**

CLIENT: _____
 REPORT TO: _____
 ADDRESS: **SEE PAGE 1**
 PHONE: _____ FAX: _____
 PROJECT NAME: _____
 PROJECT NUMBER: _____
 SAMPLED BY: _____
 INVOICE TO: _____
 P.O. NUMBER: _____

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 <1

STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. Please Specify **OTHER** _____

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES																		
		GV/BTEX	NWTPH/Dx	TOTAL Pb	BZFO - SIM	UPH	SPH	Methyl BTEX/MTOS												
1. SB-29-2	11.21.00 1325	X	X	X	X															
2. SB-29-5	1329	X	X	X	X	X	X	X												
3. SB-29-10	1332	X	X	X	X															
4. SB-29-15	1348	X	X	X																
5. SB-29-20	1350	X	X	X																
6. SB-29-25	1355	X	X	X																
7. SB-30-2	1459	X	X	X	X	X	X	X												
8. SB-30-5	1502	X	X	X	X															
9. SB-30-10	1510	X	X	X	X															
10. SB-30-15	1515	X	X	X																
11. SB-30-20	1520	X	X	X																
12. SB-30-25	1525	X	X	X																
13.																				
14.																				
15.																				

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
Soil	2	BZFO INCLUDES	16
		CARCINOGENIC	17
		PAH'S AND	18
		TENTA ONLY	19
			20
			21
			22
			23
			24
			25
			26
			27

RELINQUISHED BY: JEFF SPECK FIRM: FOSTER WITCO DATE: 11.21.00 TIME: 10:15
 RECEIVED BY: S. AKAMAI FIRM: NCA DATE: 11.21.00 TIME: 18:45
 RELINQUISHED BY: _____ FIRM: _____ DATE: _____ TIME: _____
 RECEIVED BY: _____ FIRM: _____ DATE: _____ TIME: _____

ADDITIONAL REMARKS: _____
 TEMP: 4.2° PAGE 2 OF 2



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/15/00 12:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01MW06	BOL0028-01	Water	11/30/00 15:30	11/30/00 18:20
02MW06	BOL0028-02	Water	11/30/00 16:15	11/30/00 18:20
Trip Blank	BOL0028-03	Water	11/30/00 15:15	11/30/00 18:20

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/15/00 12:11

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
01MW06 (BOL0028-01) Water Sampled: 11/30/00 15:30 Received: 11/30/00 18:20									
Gasoline Range Hydrocarbons	87.4	50.0	ug/l	1	0L07007	12/07/00	12/07/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	114 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	104 %	50-150			"	"	"	"	
02MW06 (BOL0028-02) Water Sampled: 11/30/00 16:15 Received: 11/30/00 18:20									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	0L07007	12/07/00	12/07/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	101 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	102 %	50-150			"	"	"	"	
Trip Blank (BOL0028-03) Water Sampled: 11/30/00 15:15 Received: 11/30/00 18:20									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	0L07007	12/07/00	12/07/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	98.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	102 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amanda Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham


Reported:
 12/15/00 12:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW06 (B0L0028-01) Water Sampled: 11/30/00 15:30 Received: 11/30/00 18:20									
Diesel Range Hydrocarbons	0.764	0.250	mg/l	1	0L05008	12/05/00	12/06/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	78.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.9 %	50-150			"	"	"	"	
02MW06 (B0L0028-02) Water Sampled: 11/30/00 16:15 Received: 11/30/00 18:20									
Diesel Range Hydrocarbons	1.00	0.250	mg/l	1	0L05008	12/05/00	12/06/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	78.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.7 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/15/00 12:11
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW06 (BOL0028-01) Water Sampled: 11/30/00 15:30 Received: 11/30/00 18:20									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/13/00	EPA 6020	
02MW06 (BOL0028-02) Water Sampled: 11/30/00 16:15 Received: 11/30/00 18:20									
Lead	ND	0.00100	mg/l	1	0L12014	12/12/00	12/13/00	EPA 6020	

North Creek Analytical - Bothell

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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/15/00 12:11
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**Pentachlorophenol by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW06 (BOL0028-01) Water Sampled: 11/30/00 15:30 Received: 11/30/00 18:20									
Pentachlorophenol	1.80	0.500	ug/l	1	0L06003	12/06/00	12/07/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	77.6 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/15/00 12:11

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW06 (BOL0028-01) Water Sampled: 11/30/00 15:30 Received: 11/30/00 18:20									
Acenaphthene	0.171	0.100	ug/l	1	0L06003	12/06/00	12/07/00	GCMS-SIM	
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 (ghi) perylene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Chrysene	ND	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	ND	0.100	"	"	"	"	"	"	
Fluorene	0.285	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	
Naphthalene	0.626	0.100	"	"	"	"	"	"	
Phenanthrene	0.474	0.100	"	"	"	"	"	"	
Pyrene	ND	0.100	"	"	"	"	"	"	
Surrogate: 2-FBP	60.5 %	12-107			"	"	"	"	
Surrogate: Nitrobenzene-d5	66.5 %	10-115			"	"	"	"	
Surrogate: p-Terphenyl-d14	104 %	28-103			"	"	"	"	S-02

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/15/00 12:11
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L07007: Prepared 12/07/00 Using EPA 5030B (P/T)										
Blank (0L07007-BLK1)										
Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	48.0		"	48.0		100	50-150			
Surrogate: 4-BFB (PID)	49.4		"	48.0		103	50-150			
LCS (0L07007-BS1)										
Gasoline Range Hydrocarbons	429	50.0	ug/l	500		85.8	70-130			
Surrogate: 4-BFB (FID)	51.3		"	48.0		107	50-150			
Duplicate (0L07007-DUP1) Source: B0K0709-03										
Gasoline Range Hydrocarbons	12900	100	ug/l		13100			1.54	25	
Surrogate: 4-BFB (FID)	43.7		"	48.0		91.0	50-150			
Duplicate (0L07007-DUP2) Source: B0K0709-10										
Gasoline Range Hydrocarbons	ND	50.0	ug/l		ND			20.3	25	
Surrogate: 4-BFB (FID)	47.7		"	48.0		99.4	50-150			
Matrix Spike (0L07007-MS1) Source: B0K0709-01										
Benzene	9.33	0.500	ug/l	10.0	ND	91.7	70-130			
Toluene	10.1	0.500	"	10.0	ND	98.5	70-130			
Ethylbenzene	10.5	0.500	"	10.0	ND	104	70-130			
Xylenes (total)	31.1	1.00	"	30.0	ND	102	70-130			
Surrogate: 4-BFB (PID)	49.7		"	48.0		104	50-150			
Matrix Spike Dup (0L07007-MSD1) Source: B0K0709-01										
Benzene	9.25	0.500	ug/l	10.0	ND	90.9	70-130	0.861	15	
Toluene	10.1	0.500	"	10.0	ND	98.5	70-130	0	15	
Ethylbenzene	10.5	0.500	"	10.0	ND	104	70-130	0	15	
Xylenes (total)	30.9	1.00	"	30.0	ND	102	70-130	0.645	15	
Surrogate: 4-BFB (PID)	50.4		"	48.0		105	50-150			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/15/00 12:11

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L05008: Prepared 12/05/00 Using EPA 3510C/600 Series										
Blank (0L05008-BLK1)										
Diesel Range Hydrocarbons	ND	0.250	mg/l							
Lube Oil Range Hydrocarbons	ND	0.500	"							
Surrogate: 2-FBP	0.231		"	0.320		72.2	50-150			
Surrogate: Octacosane	0.246		"	0.320		76.9	50-150			
LCS (0L05008-BS1)										
Diesel Range Hydrocarbons	1.56	0.250	mg/l	2.00		78.0	60-140			
Surrogate: 2-FBP	0.226		"	0.320		70.6	50-150			
LCS Dup (0L05008-BSD1)										
Diesel Range Hydrocarbons	1.80	0.250	mg/l	2.00		90.0	60-140	14.3	40	
Surrogate: 2-FBP	0.268		"	0.320		83.8	50-150			



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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/15/00 12:11
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Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L12014: Prepared 12/12/00 Using EPA 3020A										
Blank (0L12014-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (0L12014-BS1)										
Lead	0.191	0.00100	mg/l	0.200		95.5	80-120			
Matrix Spike (0L12014-MS1) Source: B0L0028-02										
Lead	0.203	0.00100	mg/l	0.200	ND	101	75-125			
Matrix Spike Dup (0L12014-MSD1) Source: B0L0028-02										
Lead	0.192	0.00100	mg/l	0.200	ND	95.9	75-125	5.57	20	

North Creek Analytical - Bothell

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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/15/00 12:11
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**Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L06003: Prepared 12/06/00 Using EPA 3520C/600 Series										
Blank (0L06003-BLK1)										
Pentachlorophenol	ND	0.500	ug/l							
Surrogate: 2,4,6-TBP	40.5		"	50.0		81.0	30-150			
LCS (0L06003-BS1)										
Pentachlorophenol	6.44	0.500	ug/l	20.0		32.2	30-150			
Surrogate: 2,4,6-TBP	36.7		"	50.0		73.4	30-150			
LCS Dup (0L06003-BSD1)										
Pentachlorophenol	8.04	0.500	ug/l	20.0		40.2	30-150	22.1	50	
Surrogate: 2,4,6-TBP	39.7		"	50.0		79.4	30-150			



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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/15/00 12:11
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L06003: Prepared 12/06/00 Using EPA 3520C/600 Series

Blank (0L06003-BLK1)

Acenaphthene	ND	0.100	ug/l							
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 (ghi) perylene	ND	0.100	"							
Benzo (k) fluoranthene	ND	0.100	"							
Chrysene	ND	0.100	"							
Dibenz (a,h) anthracene	ND	0.100	"							
Fluoranthene	ND	0.100	"							
Indene	ND	0.100	"							
Indeno (1,2,3-cd) pyrene	ND	0.100	"							
Naphthalene	ND	0.100	"							
Phenanthrene	ND	0.100	"							
Pyrene	ND	0.100	"							
Surrogate: 2-FBP	31.6		"	50.0		63.2	12-107			
Surrogate: Nitrobenzene-d5	38.3		"	50.0		76.6	10-115			
Surrogate: p-Terphenyl-d14	54.8		"	50.0		110	28-103			S-03

LCS (0L06003-BS1)

Chrysene	7.86	0.100	ug/l	10.0		78.6	50-123			
Fluorene	6.50	0.100	"	10.0		65.0	31-132			
Indeno (1,2,3-cd) pyrene	7.16	0.100	"	10.0		71.6	27-146			
Surrogate: 2-FBP	32.0		"	50.0		64.0	12-107			
Surrogate: Nitrobenzene-d5	34.2		"	50.0		68.4	10-115			
Surrogate: p-Terphenyl-d14	49.3		"	50.0		98.6	28-103			

North Creek Analytical - Bothell

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Page 11 of 13



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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/15/00 12:11

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L06003: Prepared 12/06/00 Using EPA 3520C/600 Series										
LCS Dup (0L06003-BSD1)										
Chrysene	8.06	0.100	ug/l	10.0		80.6	50-123	2.51	27	
Fluorene	6.38	0.100	"	10.0		63.8	31-132	1.86	36	
Indeno (1,2,3-cd) pyrene	6.86	0.100	"	10.0		68.6	27-146	4.28	31	
Surrogate: 2-FBP	32.0		"	50.0		64.0	12-107			
Surrogate: Nitrobenzene-d5	35.4		"	50.0		70.8	10-115			
Surrogate: p-Terphenyl-d14	49.6		"	50.0		99.2	28-103			

North Creek Analytical - Bothell

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Foster Wheeler Environmental Corporation
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Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/15/00 12:11

Notes and Definitions

- S-03 The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham


Reported:
 12/03/00 16:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-02-W	B0K0456-01	Water	11/16/00 16:00	11/16/00 20:10
02MW-01	B0K0456-02	Water	11/16/00 08:50	11/16/00 20:10
02MW-02	B0K0456-03	Water	11/16/00 07:45	11/16/00 20:10
02MW-03	B0K0456-04	Water	11/16/00 15:33	11/16/00 20:10
02MW-04	B0K0456-05	Water	11/16/00 15:10	11/16/00 20:10
02MW-05	B0K0456-06	Water	11/16/00 12:25	11/16/00 20:10
01MW-01	B0K0456-07	Water	11/16/00 17:55	11/16/00 20:10
01MW-02	B0K0456-08	Water	11/16/00 13:35	11/16/00 20:10
01MW-03	B0K0456-09	Water	11/16/00 14:00	11/16/00 20:10
01MW-04	B0K0456-10	Water	11/16/00 14:30	11/16/00 20:10
02MW-04A	B0K0456-11	Water	11/16/00 15:10	11/16/00 20:10

North Creek Analytical - Bothell

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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II

Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-W (B0K0456-01) Water Sampled: 11/16/00 16:00 Received: 11/16/00 20:10									
Gasoline Range Hydrocarbons	134	50.0	ug/l	1	OK25009	11/25/00	11/26/00	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	103 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	105 %	50-150			"	"	"	"	
02MW-01 (B0K0456-02) Water Sampled: 11/16/00 08:50 Received: 11/16/00 20:10									
Gasoline Range Hydrocarbons	79.0	50.0	ug/l	1	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	19.6	0.500	"	"	"	"	"	"	
Toluene	1.04	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	2.35	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	86.5 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	93.3 %	50-150			"	"	"	"	
02MW-02 (B0K0456-03) Water Sampled: 11/16/00 07:45 Received: 11/16/00 20:10									
Gasoline Range Hydrocarbons	55.0	50.0	ug/l	1	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	ND	0.580	"	"	"	"	"	"	R-
Toluene	1.63	0.500	"	"	"	"	"	"	
Ethylbenzene	0.598	0.500	"	"	"	"	"	"	
Xylenes (total)	3.28	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	88.7 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	94.8 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/03/00 16:25
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
02MW-03 (B0K0456-04) Water Sampled: 11/16/00 15:33 Received: 11/16/00 20:10										
Gasoline Range Hydrocarbons	241	125		ug/l	2.5	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	118	1.25		"	"	"	"	"	"	
Toluene	2.05	1.25		"	"	"	"	"	"	
Ethylbenzene	ND	1.25		"	"	"	"	"	"	
Xylenes (total)	ND	2.50		"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	82.1 %	50-150				"	"	"	"	
Surrogate: 4-BFB (PID)	94.2 %	50-150				"	"	"	"	
02MW-04 (B0K0456-05) Water Sampled: 11/16/00 15:10 Received: 11/16/00 20:10										
Gasoline Range Hydrocarbons	9020	1250		ug/l	25	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	ND	22.2		"	"	"	"	11/21/00	"	R-03
Toluene	972	12.5		"	"	"	"	11/19/00	"	
Ethylbenzene	617	12.5		"	"	"	"	"	"	
Xylenes (total)	1840	25.0		"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	100 %	50-150				"	"	"	"	
Surrogate: 4-BFB (PID)	110 %	50-150				"	"	"	"	
02MW-05 (B0K0456-06) Water Sampled: 11/16/00 12:25 Received: 11/16/00 20:10										
Gasoline Range Hydrocarbons	64.0	50.0		ug/l	1	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	ND	0.500		"	"	"	"	"	"	
Toluene	ND	0.500		"	"	"	"	"	"	
Ethylbenzene	ND	0.500		"	"	"	"	"	"	
Xylenes (total)	1.17	1.00		"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	86.5 %	50-150				"	"	"	"	
Surrogate: 4-BFB (PID)	98.5 %	50-150				"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
01MW-01 (B0K0456-07) Water Sampled: 11/16/00 17:55 Received: 11/16/00 20:10									
Gasoline Range Hydrocarbons	75.2	50.0	ug/l	1	0K25009	11/25/00	11/26/00	NWTPH-Gx/8021B	
Benzene	0.924	0.500	"	"	"	"	"	"	
Toluene	1.46	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	1.93	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	114 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	103 %	50-150			"	"	"	"	
01MW-02 (B0K0456-08) Water Sampled: 11/16/00 13:35 Received: 11/16/00 20:10									
Gasoline Range Hydrocarbons	12700	2500	ug/l	50	0K25009	11/25/00	11/26/00	NWTPH-Gx/8021B	
Benzene	3300	25.0	"	"	"	"	"	"	
Toluene	1010	25.0	"	"	"	"	"	"	
Ethylbenzene	331	25.0	"	"	"	"	"	"	
Xylenes (total)	1510	50.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	112 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	100 %	50-150			"	"	"	"	
01MW-03 (B0K0456-09) Water Sampled: 11/16/00 14:00 Received: 11/16/00 20:10									
Gasoline Range Hydrocarbons	3620	500	ug/l	10	0K25009	11/25/00	11/26/00	NWTPH-Gx/8021B	
Benzene	1020	5.00	"	"	"	"	"	"	
Toluene	26.9	5.00	"	"	"	"	"	"	
Ethylbenzene	63.6	5.00	"	"	"	"	"	"	
Xylenes (total)	210	10.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	108 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	101 %	50-150			"	"	"	"	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II

Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Result	Limit							
01MW-04 (BOK0456-10) Water Sampled: 11/16/00 14:30 Received: 11/16/00 20:10										
Gasoline Range Hydrocarbons	7930	1000		ug/l	20	OK25009	11/25/00	11/26/00	NWTPH-Gx/8021B	
Benzene	71.2	10.0		"	"	"	"	"	"	"
Toluene	402	10.0		"	"	"	"	"	"	"
Ethylbenzene	570	10.0		"	"	"	"	"	"	"
Xylenes (total)	2840	20.0		"	"	"	"	"	"	"
Surrogate: 4-BFB (FID)	108 %	50-150				"	"	"	"	"
Surrogate: 4-BFB (PID)	110 %	50-150				"	"	"	"	"
02MW-04A (BOK0456-11) Water Sampled: 11/16/00 15:10 Received: 11/16/00 20:10										
Gasoline Range Hydrocarbons	9650	2500		ug/l	50	OK18007	11/18/00	11/19/00	NWTPH-Gx/8021B	
Benzene	ND	25.0		"	"	"	"	11/21/00	"	"
Toluene	996	25.0		"	"	"	"	11/19/00	"	"
Ethylbenzene	627	25.0		"	"	"	"	"	"	"
Xylenes (total)	1850	50.0		"	"	"	"	"	"	"
Surrogate: 4-BFB (FID)	94.2 %	50-150				"	"	"	"	"
Surrogate: 4-BFB (PID)	101 %	50-150				"	"	"	"	"



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223
 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation Project: West Commodore Way Phase II
 12100 NE 195th Street Project Number: n/a
 Bothell WA, 98011 Project Manager: Bryan Graham Reported: 12/03/00 16:25

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-W (B0K0456-01) Water Sampled: 11/16/00 16:00 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	3.60	1.25	mg/l	5	OK20008	11/20/00	11/21/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	2.50	"	"	"	"	"	"	
Surrogate: 2-FBP	70.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	76.0 %	50-150			"	"	"	"	
02MW-01 (B0K0456-02) Water Sampled: 11/16/00 08:50 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	0.488	0.250	mg/l	1	OK18001	11/18/00	11/20/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	77.7 %	50-150			"	"	"	"	
02MW-02 (B0K0456-03) Water Sampled: 11/16/00 07:45 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	0.666	0.250	mg/l	1	OK18001	11/18/00	11/19/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	86.5 %	50-150			"	"	"	"	
02MW-03 (B0K0456-04) Water Sampled: 11/16/00 15:33 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	0.534	0.250	mg/l	1	OK18001	11/18/00	11/19/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	67.1 %	50-150			"	"	"	"	
02MW-04 (B0K0456-05) Water Sampled: 11/16/00 15:10 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	1.07	0.250	mg/l	1	OK18001	11/18/00	11/19/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	102 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
02MW-05 (B0K0456-06) Water Sampled: 11/16/00 12:25 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	0.536	0.250	mg/l	1	0K18001	11/18/00	11/19/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	65.6 %	50-150			"	"	"	"	
01MW-01 (B0K0456-07) Water Sampled: 11/16/00 17:55 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	1.65	0.250	mg/l	1	0K20008	11/20/00	11/25/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	102 %	50-150			"	"	"	"	
Surrogate: Octacosane	113 %	50-150			"	"	"	"	
01MW-02 (B0K0456-08) Water Sampled: 11/16/00 13:35 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	5.00	1.25	mg/l	5	0K20008	11/20/00	11/22/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	2.50	"	"	"	"	"	"	
Surrogate: 2-FBP	64.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	74.3 %	50-150			"	"	"	"	
01MW-03 (B0K0456-09) Water Sampled: 11/16/00 14:00 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	1.65	0.250	mg/l	1	0K20008	11/20/00	11/25/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	89.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	102 %	50-150			"	"	"	"	
01MW-04 (B0K0456-10) Water Sampled: 11/16/00 14:30 Received: 11/16/00 20:10									
Diesel Range Hydrocarbons	1.86	0.250	mg/l	1	0K20008	11/20/00	11/25/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	101 %	50-150			"	"	"	"	
Surrogate: Octacosane	102 %	50-150			"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

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

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
02MW-04A (B0K0456-11) Water Sampled: 11/16/00 15:10 Received: 11/16/00 20:10										
Diesel Range Hydrocarbons	1.23	0.250		mg/l	1	0K18001	11/18/00	11/19/00	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500		"	"	"	"	"	"	
Surrogate: 2-FBP	102 %	50-150				"	"	"	"	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
02MW-01 (B0K0456-02) Water	Sampled: 11/16/00 08:50 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K18011	11/18/00	11/20/00	EPA 6020	
02MW-02 (B0K0456-03) Water	Sampled: 11/16/00 07:45 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K18011	11/18/00	11/20/00	EPA 6020	
02MW-03 (B0K0456-04) Water	Sampled: 11/16/00 15:33 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K18011	11/18/00	11/20/00	EPA 6020	
02MW-04 (B0K0456-05) Water	Sampled: 11/16/00 15:10 Received: 11/16/00 20:10								A-01
Lead	0.00466	0.00100	mg/l	1	0K18011	11/18/00	11/20/00	EPA 6020	
02MW-05 (B0K0456-06) Water	Sampled: 11/16/00 12:25 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K18011	11/18/00	11/20/00	EPA 6020	
01MW-01 (B0K0456-07) Water	Sampled: 11/16/00 17:55 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K27064	11/27/00	11/29/00	EPA 6020	
01MW-02 (B0K0456-08) Water	Sampled: 11/16/00 13:35 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K27064	11/27/00	11/29/00	EPA 6020	
01MW-03 (B0K0456-09) Water	Sampled: 11/16/00 14:00 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K27064	11/27/00	11/29/00	EPA 6020	
01MW-04 (B0K0456-10) Water	Sampled: 11/16/00 14:30 Received: 11/16/00 20:10								A-01
Lead	ND	0.00100	mg/l	1	0K27064	11/27/00	11/29/00	EPA 6020	

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/03/00 16:25
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**Total Metals by EPA 6000/7000 Series Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
02MW-04A (B0K0456-11) Water Sampled: 11/16/00 15:10 Received: 11/16/00 20:10									
Lead	0.00512	0.00100	mg/l	1	0K18011	11/18/00	11/20/00	EPA 6020	A-

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 509.924.9200 fax 509.924.9290
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Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-W (B0K0456-01) Water Sampled: 11/16/00 16:00 Received: 11/16/00 20:10									
Pentachlorophenol	1.64	0.500	ug/l	1	0K21013	11/21/00	11/29/00	GCMS-SIM	
Surrogate: 2,4,6-TBP	109 %	30-150			"	"	"	"	

North Creek Analytical - Bothell

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
 12100 NE 195th Street
 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-W (B0K0456-01) Water Sampled: 11/16/00 16:00 Received: 11/16/00 20:10									
Acenaphthene	0.597	0.100	ug/l	1	0K21013	11/21/00	11/29/00	GCMS-SIM	
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 (ghi) perylene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Chrysene	ND	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	ND	0.100	"	"	"	"	"	"	
Fluorene	1.58	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	
Naphthalene	0.231	0.100	"	"	"	"	"	"	
Phenanthrene	0.943	0.100	"	"	"	"	"	"	
Pyrene	0.154	0.100	"	"	"	"	"	"	
Surrogate: 2-FBP	74.8 %	12-107			"	"	"	"	
Surrogate: Nitrobenzene-d5	86.9 %	10-115			"	"	"	"	
Surrogate: p-Terphenyl-d14	83.8 %	28-103			"	"	"	"	

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/03/00 16:25
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Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K18007: Prepared 11/18/00 Using EPA 5030B (P/T)

Blank (0K18007-BLK1)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	37.9		"	48.0		79.0	50-150			
Surrogate: 4-BFB (PID)	40.4		"	48.0		84.2	50-150			

Blank (0K18007-BLK2)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	40.2		"	48.0		83.8	50-150			
Surrogate: 4-BFB (PID)	44.0		"	48.0		91.7	50-150			

LCS (0K18007-BS1)

Gasoline Range Hydrocarbons	475	50.0	ug/l	500		95.0	70-130			
Surrogate: 4-BFB (FID)	46.0		"	48.0		95.8	50-150			

LCS (0K18007-BS2)

Gasoline Range Hydrocarbons	502	50.0	ug/l	500		100	70-130			
Surrogate: 4-BFB (FID)	48.4		"	48.0		101	50-150			

Duplicate (0K18007-DUP1)

Source: B0K0342-52

Gasoline Range Hydrocarbons	ND	50.0	ug/l		ND			18.8	25	
Surrogate: 4-BFB (FID)	41.6		"	48.0		86.7	50-150			

North Creek Analytical - Bothell

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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 541.383.9310 fax 541.382.7588

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K18007: Prepared 11/18/00 Using EPA 5030B (P/T)

Duplicate (0K18007-DUP2)				Source: B0K0342-51						
Gasoline Range Hydrocarbons	ND	50.0	ug/l	ND				32.3	25	Q-
Surrogate: 4-BFB (FID)	39.0		"	48.0		81.3	50-150			

Matrix Spike (0K18007-MS1)				Source: B0K0304-03						
Benzene	10.7	0.500	ug/l	10.0	ND	106	70-130			
Toluene	10.4	0.500	"	10.0	ND	102	70-130			
Ethylbenzene	10.3	0.500	"	10.0	ND	103	70-130			
Xylenes (total)	30.7	1.00	"	30.0	ND	102	70-130			
Surrogate: 4-BFB (PID)	45.7		"	48.0		95.2	50-150			

Matrix Spike Dup (0K18007-MSD1)				Source: B0K0304-03						
Benzene	10.6	0.500	ug/l	10.0	ND	105	70-130	0.939	15	
Toluene	10.5	0.500	"	10.0	ND	103	70-130	0.957	15	
Ethylbenzene	10.6	0.500	"	10.0	ND	106	70-130	2.87	15	
Xylenes (total)	31.2	1.00	"	30.0	ND	103	70-130	1.62	15	
Surrogate: 4-BFB (PID)	46.9		"	48.0		97.7	50-150			

Batch 0K25009: Prepared 11/25/00 Using EPA 5030B (P/T)

Blank (0K25009-BLK1)										
Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	48.9		"	48.0		102	50-150			
Surrogate: 4-BFB (PID)	49.8		"	48.0		104	50-150			



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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/03/00 16:25
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K25009: Prepared 11/25/00 Using EPA 5030B (P/T)

LCS (0K25009-BS1)

Gasoline Range Hydrocarbons	473	50.0	ug/l	500		94.6	70-130			
Surrogate: 4-BFB (FID)	57.3		"	48.0		119	50-150			

Duplicate (0K25009-DUP1)

Source: B0K0351-08

Gasoline Range Hydrocarbons	ND	50.0	ug/l		ND			21.4	25	
Surrogate: 4-BFB (FID)	47.0		"	48.0		97.9	50-150			

Duplicate (0K25009-DUP2)

Source: B0K0456-10

Gasoline Range Hydrocarbons	7150	2500	ug/l		7930			10.3	25	
Surrogate: 4-BFB (FID)	47.3		"	48.0		98.5	50-150			

Matrix Spike (0K25009-MS1)

Source: B0K0351-04

Benzene	9.96	0.500	ug/l	10.0	ND	99.6	70-130			
Toluene	9.88	0.500	"	10.0	ND	97.1	70-130			
Ethylbenzene	10.4	0.500	"	10.0	ND	103	70-130			
Xylenes (total)	31.0	1.00	"	30.0	ND	102	70-130			
Surrogate: 4-BFB (PID)	49.5		"	48.0		103	50-150			

Matrix Spike Dup (0K25009-MSD1)

Source: B0K0351-04

Benzene	9.68	0.500	ug/l	10.0	ND	96.8	70-130	2.85	15	
Toluene	9.74	0.500	"	10.0	ND	95.7	70-130	1.43	15	
Ethylbenzene	10.2	0.500	"	10.0	ND	101	70-130	1.94	15	
Xylenes (total)	30.3	1.00	"	30.0	ND	99.6	70-130	2.28	15	
Surrogate: 4-BFB (PID)	49.5		"	48.0		103	50-150			

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7588

Foster Wheeler Environmental Corporation
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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K18001: Prepared 11/18/00 Using EPA 3520C/600 Series										
Blank (0K18001-BLK1)										
Diesel Range Hydrocarbons	ND	0.250	mg/l							
Lube Oil Range Hydrocarbons	ND	0.500	"							
Surrogate: 2-FBP	0.289		"	0.320		90.3	50-150			
LCS (0K18001-BS1)										
Diesel Range Hydrocarbons	1.44	0.250	mg/l	2.00		72.0	60-140			
Surrogate: 2-FBP	0.222		"	0.320		69.4	50-150			
LCS Dup (0K18001-BSD1)										
Diesel Range Hydrocarbons	1.65	0.250	mg/l	2.00		82.5	60-140	13.6	40	
Surrogate: 2-FBP	0.295		"	0.320		92.2	50-150			
Batch 0K20008: Prepared 11/20/00 Using EPA 3520C/600 Series										
Blank (0K20008-BLK1)										
Diesel Range Hydrocarbons	ND	0.250	mg/l							
Lube Oil Range Hydrocarbons	ND	0.500	"							
Surrogate: 2-FBP	0.303		"	0.320		94.7	50-150			
LCS (0K20008-BS1)										
Diesel Range Hydrocarbons	1.70	0.250	mg/l	2.00		85.0	60-140			
Surrogate: 2-FBP	0.236		"	0.320		73.8	50-150			
LCS Dup (0K20008-BSD1)										
Diesel Range Hydrocarbons	1.95	0.250	mg/l	2.00		97.5	60-140	13.7	40	
Surrogate: 2-FBP	0.356		"	0.320		111	50-150			

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 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
 541.383.9310 fax 541.382.7568

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 Bothell WA, 98011

Project: West Commodore Way Phase II
 Project Number: n/a
 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K18011: Prepared 11/18/00 Using EPA 3020A										
Blank (0K18011-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (0K18011-BS1)										
Lead	0.200	0.00100	mg/l	0.200		100	80-120			
Matrix Spike (0K18011-MS1) Source: B0K0456-03										
Lead	0.206	0.00100	mg/l	0.200	ND	103	75-125			
Matrix Spike Dup (0K18011-MSD1) Source: B0K0456-03										
Lead	0.206	0.00100	mg/l	0.200	ND	103	75-125	0	20	
Batch 0K27064: Prepared 11/27/00 Using EPA 3020A										
Blank (0K27064-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (0K27064-BS1)										
Lead	0.197	0.00100	mg/l	0.200		98.5	80-120			
Matrix Spike (0K27064-MS1) Source: B0K0456-07										
Lead	0.201	0.00100	mg/l	0.200	ND	100	75-125			
Matrix Spike Dup (0K27064-MSD1) Source: B0K0456-07										
Lead	0.201	0.00100	mg/l	0.200	ND	100	75-125	0	20	

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 425.420.9200 fax 425.420.9210
 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 509.924.9200 fax 509.924.9290
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
 503.906.9200 fax 503.906.9210
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Foster Wheeler Environmental Corporation 12100 NE 195th Street Bothell WA, 98011	Project: West Commodore Way Phase II Project Number: n/a Project Manager: Bryan Graham	Reported: 12/03/00 16:25
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Pentachlorophenol by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K21013: Prepared 11/21/00 Using EPA 3510C/600 Series										
Blank (0K21013-BLK1)										
Pentachlorophenol	ND	0.500	ug/l							
Surrogate: 2,4,6-TBP	44.1		"	50.0		88.2	30-150			
LCS (0K21013-BS1)										
Pentachlorophenol	15.2	0.500	ug/l	20.0		76.0	30-150			
Surrogate: 2,4,6-TBP	43.3		"	50.0		86.6	30-150			
LCS Dup (0K21013-BSD1)										
Pentachlorophenol	15.2	0.500	ug/l	20.0		76.0	30-150	0	50	
Surrogate: 2,4,6-TBP	46.1		"	50.0		92.2	30-150			

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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0K21013: Prepared 11/21/00 Using EPA 3510C/600 Series

Blank (0K21013-BLK1)

Acenaphthene	ND	0.100	ug/l							
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 (ghi) perylene	ND	0.100	"							
Benzo (k) fluoranthene	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	"							
Naphthalene	ND	0.100	"							
Phenanthrene	ND	0.100	"							
Pyrene	ND	0.100	"							
Surrogate: 2-FBP	31.8		"	50.0		63.6	12-107			
Surrogate: Nitrobenzene-d5	39.6		"	50.0		79.2	10-115			
Surrogate: p-Terphenyl-d14	46.6		"	50.0		93.2	28-103			

LCS (0K21013-BS1)

Chrysene	7.86	0.100	ug/l	10.0		78.6	50-123			
Fluorene	6.88	0.100	"	10.0		68.8	31-132			
Indeno (1,2,3-cd) pyrene	8.90	0.100	"	10.0		89.0	27-146			
Surrogate: 2-FBP	30.6		"	50.0		61.2	12-107			
Surrogate: Nitrobenzene-d5	38.6		"	50.0		77.2	10-115			
Surrogate: p-Terphenyl-d14	42.8		"	50.0		85.6	28-103			

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 Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
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Project: West Commodore Way Phase II
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 Project Manager: Bryan Graham

Reported:
 12/03/00 16:25

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K21013: Prepared 11/21/00 Using EPA 3510C/600 Series										
LCS Dup (0K21013-BSD1)										
Chrysene	8.24	0.100	ug/l	10.0		82.4	50-123	4.72	27	
Fluorene	7.44	0.100	"	10.0		74.4	31-132	7.82	36	
Indeno (1,2,3-cd) pyrene	8.96	0.100	"	10.0		89.6	27-146	0.672	31	
Surrogate: 2-FBP	33.4		"	50.0		66.8	12-107			
Surrogate: Nitrobenzene-d5	39.6		"	50.0		79.2	10-115			
Surrogate: p-Terphenyl-d14	43.9		"	50.0		87.8	28-103			

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 Project Number: n/a
 Project Manager: Bryan Graham


Reported:
 12/03/00 16:25

Notes and Definitions

- A-01 Samples were field filtered then filtered in the lab and run as Total Pb by EPA 6020.
- Q-05 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


 Ammar Gill, Project Manager



11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 FAX 420-9210
 (509) 924-9200 FAX 924-9290
 (503) 906-9200 FAX 906-9210
 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **BOK0456**

CLIENT: *Tino Oil Company*
 REPORT TO: *Scott Sloan Copy to Bryan Graham*
 ADDRESS: *Foster Wheeler*
12100 NW 145th, Suite 200
Bothell WA 98011
 PHONE: *425-487-7602* FAX: *425-482-7676*

INVOICE TO: *TOC*
Scott Sloan
2737 West Commacke Way
Seattle WA 98109
 P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 <1

STD. Petroleum Hydrocarbon Analyses
 5 4 3 2 1 <1

STD. OTHER Please Specify _____

*Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:	REQUESTED ANALYSES									
	6x/STEX	Na/PH 4x	0270 Pentn 51x	Total Lead						
PROJECT NUMBER:										
SAMPLED BY: <i>Bryan Graham</i>										
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME									
1. <i>SB-02-W</i>	<i>11/16/00 1600</i>	X	X	X						<i>BOK0456-01</i>
2. <i>02MW-01</i>	<i>0850</i>	X	X		X					<i>02</i>
3. <i>02MW-02</i>	<i>0745</i>	X	X		X					<i>03</i>
4. <i>02MW-03</i>	<i>1533</i>	X	X		X					<i>04</i>
5. <i>02MW-04</i>	<i>1510</i>	X	X		X					<i>05</i>
6. <i>02MW-05</i>	<i>1225</i>	X	X		X					<i>06</i>
7. <i>01MW-01</i>	<i>1755</i>	X	X		X					<i>07</i>
8. <i>01MW-02</i>	<i>1335</i>	X	X		X					<i>08</i>
9. <i>01MW-03</i>	<i>1400</i>	X	X		X					<i>09</i>
10. <i>01MW-04</i>	<i>1430</i>	X	X		X					<i>10</i>
11. <i>02MW-04A</i>	<i>1510</i>	X	X		X					<i>11</i>
12. <i>Trip Blank (CW)</i>										<i>12</i>
13.										
14.										
15.										

MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
<i>Water</i>	<i>4</i>	<i>Filter all lead</i>	
	<i>5</i>	<i>Samples</i>	

RELINQUISHED BY: *Jeff Speck* DATE: *11.16.00*
 PRINT NAME: *JEFF SPECK* FIRM: *FOSTER WHEELER* TIME: *2010*

RELINQUISHED BY: _____ DATE: _____
 PRINT NAME: _____ FIRM: _____ TIME: _____

RECEIVED BY: *S. Takanavich* DATE: *11.16.00*
 PRINT NAME: _____ FIRM: *NCA* TIME: *2010*

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