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July 19, 2005

Ms. Jennifer Bariska
Weyerhaeuser Company
33663 Weyerhaeuser Way South
Federal Way, Washington 98003

**Re: Supplemental ESA for Former UST/AST Area
Weyerhaeuser Cascade Lumber Mill
Snoqualmie, Washington**

Dear Jennifer:

This letter presents the results of the supplemental environmental site assessment (ESA) completed by Delta Environmental Consultants (Delta) at the Weyerhaeuser Cascade Mill in Snoqualmie, Washington. The scope of the ESA was to collect supplemental soil and groundwater data near the former location of the underground storage tank (UST)/aboveground storage tanks (ASTs). Groundwater in monitoring well A1-9 has consistently contained benzene concentrations above the Washington Department of Ecology (Ecology) preliminary screening level of 5 micrograms per liter ($\mu\text{g/l}$). The goal of this assessment was to identify the source of groundwater impacts and to collect sufficient soil and groundwater data to estimate remedial excavation soil removal volumes in and around UST monitoring well A1-9 (see Figure 1).

The data summarized in this report should be used to supplement previous site investigation work conducted in and around the former UST/AST area. It should be used, along with previous site investigation information to prepare and submit a No Further Action (NFA) request to Ecology.

SCOPE OF WORK

Work was completed on March 31 and April 1, 2005 consistent with the project scope of work described in the February 24, 2005 Proposal for O&M Projects (Various Sites) and included the following:

- Collecting depth-discrete soil samples (18 borings) and groundwater samples (two borings) from soil borings using direct push sampling methods (see Figure 1).

- Analyzing select soil and groundwater samples for total petroleum hydrocarbons as gasoline (TPH-G) by Method NWTPH-Gx and benzene, toluene, ethylbenzene, total xylenes (BTEX) by EPA Method 8021. Soil samples were selected for analytical testing based on field screening results and location of the boring. The selection goals were to first identify and confirm the presence of impacted soil and second to evaluate the extent of impacted soil. As a result, it was not necessary to analytically test each soil sample from each soil boring. Sample nomenclature follows previous work completed at the site (e.g. SB2-2-4 represents area 2, boring 2, at four feet below ground surface (bgs)).
- Preparing this letter report summarizing the data and estimating the remedial excavation volumes.

SOIL ANALYTICAL RESULTS

Gasoline impacted soil was identified primarily south and west of the former UST excavation. Detected TPH-G concentrations ranged from 570 milligrams per kilograms (mg/kg) in SB2-5-4 collected at four feet bgs to 28.0 mg/kg in SB2-2-4 collected at a depth of four feet bgs. Detected benzene concentrations ranged from 5.9 mg/kg in SB2-5-4 collected at four feet bgs to 0.2 mg/kg in SB2-2-4 and 15 in SB2-15-4 collected at a depth of four feet bgs. Analytical results are summarized in Table 1 and shown on Figure 2. Copies of the laboratory reports are present in Attachment A.

GROUNDWATER ANALYTICAL RESULTS

Groundwater samples were collected from SB2-11, which is located hydraulically upgradient of monitoring well A1-9 and SB2-6, which is located hydraulically downgradient of monitoring well A1-9. Groundwater flow near the former UST/AST area has historically been toward the southwest (see Figure 1). Groundwater samples were collected from temporary wells screens using a single-use dedicated bailer. TPH-G and benzene were detected in the groundwater sample collected from SB2-11 at 1,500 µg/l and 230 µg/l respectively. TPH-G and BTEX were not detected in the groundwater sample collected from SB2-6. Groundwater results are summarized in Table 2 and shown on Figure 2.

ESTIMATED REMEDIAL EXCAVATION EXTENT AND VOLUMES

Delta estimates that approximately 1,900 cubic yards of soil will need to be excavated to remove the residual TPH source which is impacting the groundwater near monitoring well A1-9. The estimate was calculated based on a combination of the laboratory data, the field screening observations, and the Ecology benzene soil leaching standard of 0.03 mg/kg. Boring logs summarizing the field observations are included in Attachment B. The footprint of the proposed excavation is presented on Figure 2. The estimated depth of the excavation is anticipated to be eight feet bgs. The proposed excavation includes the removal of impacted monitoring well A1-9.

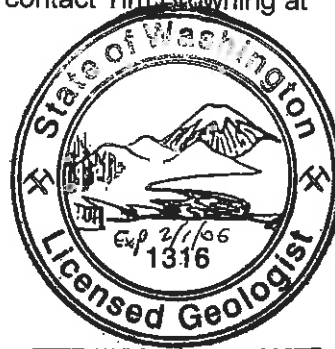
After remedial activities are completed, Delta recommends installing a new monitoring well south or southwest (downgradient) of the excavation for closure monitoring of the groundwater. Ecology typically requires four (4) consecutive quarters of groundwater analytical results that show benzene concentrations do not exceed MTCA cleanup levels before issuing an NFA determination

Delta appreciates the opportunity to provide environmental services to Weyerhaeuser. If you have any questions or comments, please contact Tim Browning at (503) 639-8098.

Sincerely,
Delta Environmental Consultants, Inc.



Timothy Browning, LG
Project Manager



Timothy D. Browning

Attachments: Table 1 – Former UST/AST Soil Analytical Results
Table 2 – Former UST/AST Groundwater Analytical Results
Figure 1 – Former UST Area Site Map
Figure 2 – Former UST Area Soil and Groundwater
TPH Concentration Map
Attachment A – Laboratory Analytical Reports
Attachment B – Boring Logs

cc: John North, Delta

TABLE 1
FORMER UST/AST SOIL ANALYTICAL RESULTS
Weyerhaeuser Cascade Mill
Snoqualmie, Washington

Sample I.D.	Sample Date	Sample Depth (feet)	TPH-Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)
SB2-2-4	31-Mar-05	4	28.0	0.2	<0.05	0.1	0.3
SB2-2-8	31-Mar-05	8	80.0	0.3	<0.1	0.2	0.7
SB2-4-4	31-Mar-05	4	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-4-8	31-Mar-05	8	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-5-4	31-Mar-05	4	570.0	5.9	9.6	8.3	46.0
SB2-5-8	31-Mar-05	8	530.0	5.5	<2.5	8.7	49.0
SB2-6-8	31-Mar-05	8	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-8-8	31-Mar-05	8	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-9-6	31-Mar-05	6	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-10-4	1-Apr-05	4	290.0	1.4	4.1	3.4	16.0
SB2-10-8	1-Apr-05	8	90.0	1.5	1.8	1.4	6.8
SB2-10-12	1-Apr-05	12	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-13-4	1-Apr-05	4	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-13-8	1-Apr-05	8	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-14-4	1-Apr-05	4	<3.0	0.05	<0.05	<0.05	<0.2
SB2-14-8	1-Apr-05	8	<3.0	<0.03	<0.05	<0.05	<0.2
SB2-15-4	1-Apr-05	4	240.0	0.2	<0.03	0.4	<0.8
SB2-17-4	1-Apr-05	4	<3.0	<0.03	<0.05	<0.05	<0.2

Notes:
mg/kg = milligram per kilogram
MTCA benzene level of 0.03 mg/kg based on protection of groundwater.
TPH as Gasoline - Analysis by Method NWTPH-Gx
BTEX Compounds - Analysis by EPA Method 8021

TABLE 2
FORMER UST/AST GROUNDWATER ANALYTICAL RESULTS
Weyehaeuser Cascade Mill
Snoqualmie, Washington

Sample I.D.	Sample Date	TPH-Gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)
SB2-6	31-Mar-05	<50	<1	<1	<1	<3
SB2-11	1-Apr-05	1,500	230	300	43	170
MTCA Method B Standard		na	0.795	2.92	800	1,600
Notes: µg/l = micrograms per liter TPH as Gasoline - Analysis by Method NWTPH-Gx BTEX Compounds - Analysis by EPA Method 8021						

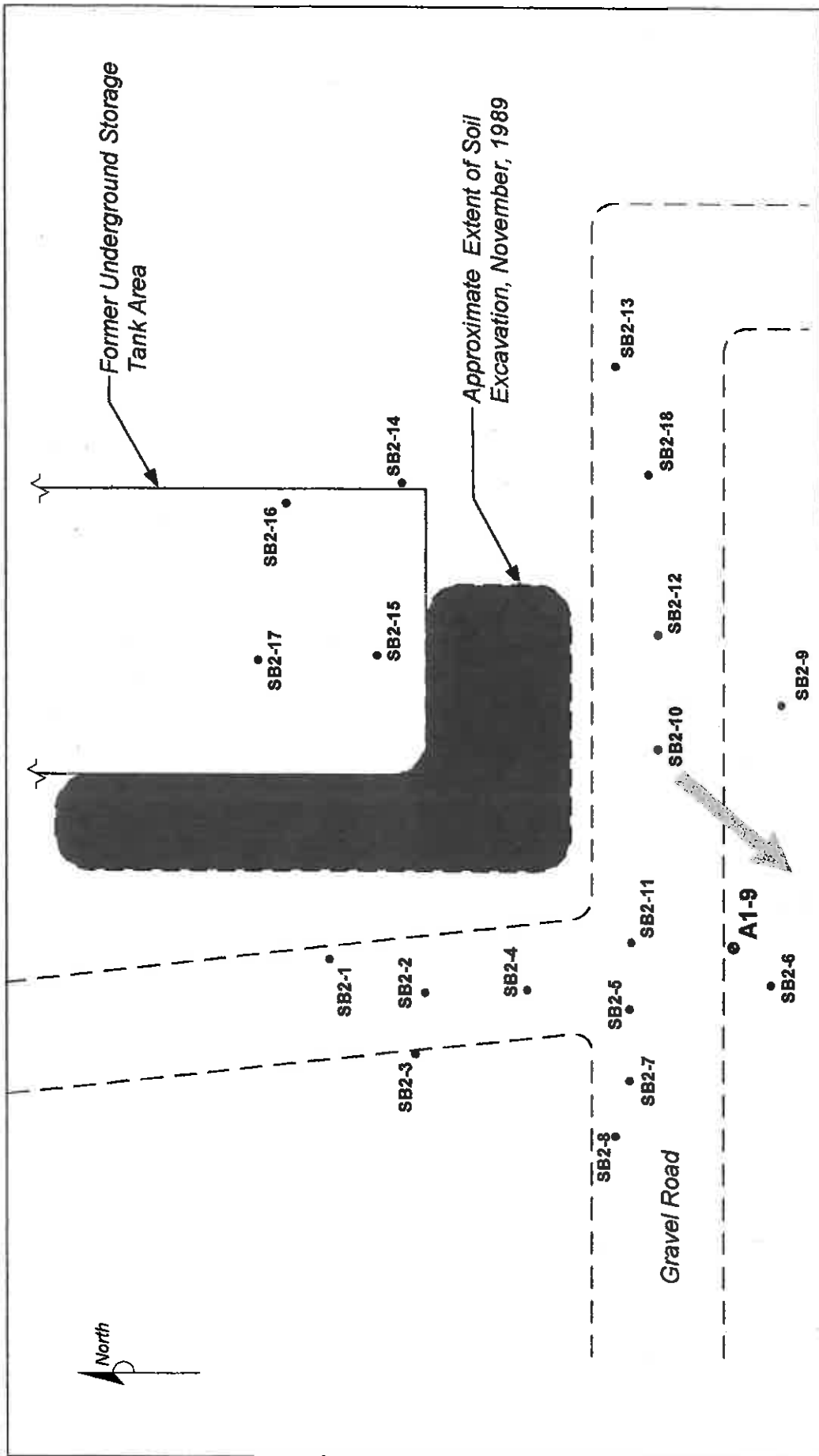


FIGURE 1

FORMER UST AREA SITE MAP

Weyerhaeuser Cascade Lumber Mill
Snoqualmie, Washington

PROJECT NO.	DRAWN BY
PT05-300.5	CRE 1/13/05
FILE NO.	PREPARED BY
	CRE 7/1/05
REVISION NO.	REVIEWED BY

0 30 FT

APPROX. SCALE

- LEGEND**
- SB2-9 • Soil Borings Completed by Delta, March/April 2005
 - A1-9 • Existing Monitoring Well
 - Historic Groundwater Flow Direction



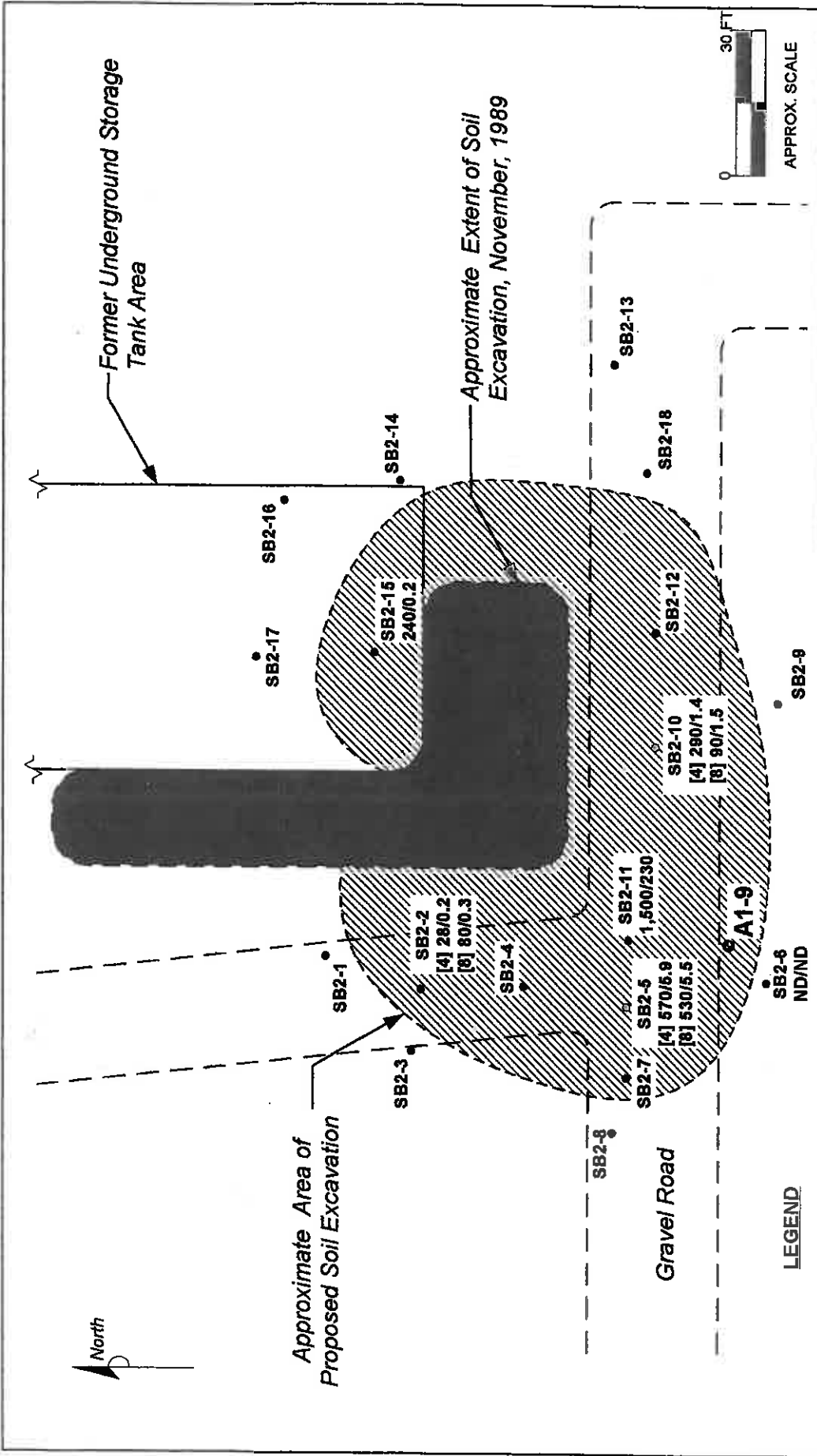


FIGURE 2

FORMER UST AREA SOIL AND GROUNDWATER TPH CONCENTRATION MAP

Weyerhaeuser Cascade Lumber Mill
Snoqualmie, Washington

PROJECT NO.	DRAWN BY
PT05-308-6	CRE 1/13/05
FILE NO.	PREPARED BY
	CRE 7/1/06
REVISION NO.	REVIEWED BY

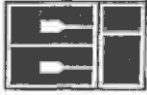
SB5-9 • Soil Borings Completed by Delta, March/April 2005

A1-9 ◉ Existing Monitoring Well

[4] 240/0.2 [8] 80/0.3 [4] 280/0.2 [8] 80/0.3 [4] 570/5.9 [8] 530/5.5 [4] 290/1.4 [8] 90/1.5 [4] 290/1.4 [8] 90/1.5

1,500/230 Dissolved TPH-Gasoline /Benzene Concentrations in Groundwater (µg/L), sampled on April 1, 2005

Delta
Environmental Consultants, Inc.



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194
CCIL SAMPLE #: 1
DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-6 3/31/05 13:00

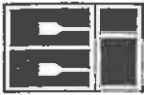
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	UG/L	4/1/05	LAP
BENZENE	EPA-8021	ND(<1)	UG/L	4/1/05	LAP
TOLUENE	EPA-8021	ND(<1)	UG/L	4/1/05	LAP
ETHYLBENZENE	EPA-8021	ND(<1)	UG/L	4/1/05	LAP
XYLENES	EPA-8021	ND(<3)	UG/L	4/1/05	LAP

* **ND* INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194
CCIL SAMPLE #: 7
DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-4-4 3/31/05 11:50

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/1/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/1/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/1/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/1/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/1/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194
CCIL SAMPLE #: 8
DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-4-8 3/31/05 12:00

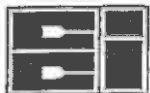
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/4/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/4/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/4/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/4/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/4/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194
CCIL SAMPLE #: 9
DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-5-4 3/31/05 12:20

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	570	MG/KG	4/4/05	LAP
BENZENE	EPA-8021	5.9	MG/KG	4/4/05	LAP
TOLUENE	EPA-8021	9.6	MG/KG	4/4/05	LAP
ETHYLBENZENE	EPA-8021	8.3	MG/KG	4/4/05	LAP
XYLENES	EPA-8021	46	MG/KG	4/4/05	LAP

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY WEATHERED GASOLINE

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 60 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194
CCIL SAMPLE #: 10
DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-5-8 3/31/05 12:30

DATA RESULTS

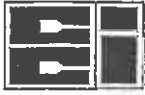
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	530	MG/KG	4/4/05	LAP
BENZENE	EPA-8021	5.5	MG/KG	4/4/05	LAP
TOLUENE	EPA-8021	ND(<2.5)	MG/KG	4/4/05	LAP
ETHYLBENZENE	EPA-8021	8.7	MG/KG	4/4/05	LAP
XYLENES	EPA-8021	49	MG/KG	4/4/05	LAP

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED GASOLINE

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 150 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



DETECTIVE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194
CCIL SAMPLE #: 11
DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-6-8 3/31/05 12:50

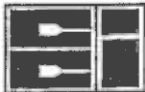
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/1/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/1/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/1/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/1/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/1/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC. DATE: 4/7/05
 17720 NE 65TH #201 CCIL JOB #: 503194
 REDMOND, WA 98052 CCIL SAMPLE #: 13
 DATE RECEIVED: 3/31/05
 WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
 CLIENT SAMPLE ID: SB2-9-6 3/31/05 14:20

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/1/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/1/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/1/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/1/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/1/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
 GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194

DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

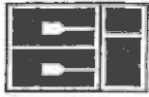
CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
503194-01	NWTPH-GX	TFT	109
503194-01	EPA-8021	TFT	107
503194-03	NWTPH-GX	TFT	61
503194-03	EPA-8021	TFT	61
503194-04	NWTPH-GX	TFT	73
503194-04	EPA-8021	TFT	74
503194-07	NWTPH-GX	TFT	112
503194-07	EPA-8021	TFT	118
503194-08	NWTPH-GX	TFT	105
503194-08	EPA-8021	TFT	110
503194-09	NWTPH-GX	TFT	*
503194-09	EPA-8021	TFT	*
503194-10	NWTPH-GX	TFT	*
503194-10	EPA-8021	TFT	*
503194-11	NWTPH-GX	TFT	99
503194-11	EPA-8021	TFT	103
503194-12	NWTPH-GX	TFT	50
503194-12	EPA-8021	TFT	55
503194-13	NWTPH-GX	TFT	41
503194-13	EPA-8021	TFT	46



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194

DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5

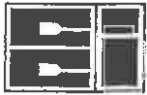
QUALITY CONTROL RESULTS

BLANK AND DUPLICATE RESULTS

METHOD	BLK RESULT	ASSOC SIMPLS
NWTPH-GX (GAS)	ND(<50)	503194-01
EPA-8021(BENZENE)	ND(<1)	503194-01
EPA-8021(TOLUENE)	ND(<1)	503194-01
EPA-8021(ETHYLBENZ)	ND(<1)	503194-01
EPA-8021(XYLENE)	ND(<3)	503194-01
NWTPH-GX (GAS)	ND(<3)	503194-03, 04, 07, 11, 12, 13
EPA-8021(BENZENE)	ND(<0.03)	503194-03, 04, 07, 11, 12, 13
EPA-8021(TOLUENE)	ND(<0.05)	503194-03, 04, 07, 11, 12, 13
EPA-8021(ETHYLBENZ)	ND(<0.05)	503194-03, 04, 07, 11, 12, 13
EPA-8021(XYLENE)	ND(<0.2)	503194-03, 04, 07, 11, 12, 13
NWTPH-GX (GAS)	ND(<3)	503194-08, 09, 10
EPA-8021(BENZENE)	ND(<0.03)	503194-08, 09, 10
EPA-8021(TOLUENE)	ND(<0.05)	503194-08, 09, 10
EPA-8021(ETHYLBENZ)	ND(<0.05)	503194-08, 09, 10
EPA-8021(XYLENE)	ND(<0.2)	503194-08, 09, 10

SPIKE/ SPIKE DUPLICATE RESULTS

METHOD	SPIKE ID	ASSOCIATED SAMPLES	% SPIKE RECOVERY	% SPIKE DUP RECOVERY	REL % DIFF
NWTPH-GX	GASOLINE	503194-01	112	117	4
EPA-8021	BENZENE	503194-01	94	94	0
EPA-8021	TOLUENE	503194-01	95	94	1
EPA-8021	ETHYLBENZENE	503194-01	95	93	2
EPA-8021	XYLENE	503194-01	96	95	1
NWTPH-GX	GASOLINE	503194-03, 04, 07, 11, 12, 13	73	73	0
EPA-8021	BENZENE	503194-03, 04, 07, 11, 12, 13	99	101	2
EPA-8021	TOLUENE	503194-03, 04, 07, 11, 12, 13	98	100	2
EPA-8021	ETHYLBENZENE	503194-03, 04, 07, 11, 12, 13	96	98	2
EPA-8021	XYLENE	503194-03, 04, 07, 11, 12, 13	97	99	2
NWTPH-GX	GASOLINE	503194-08, 09, 10	84	81	4
EPA-8021	BENZENE	503194-08, 09, 10	103	108	5



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/7/05
CCIL JOB #: 503194

DATE RECEIVED: 3/31/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5

QUALITY CONTROL RESULTS

EPA-8021	TOLUENE	503194-08, 09, 10	104	108	4
EPA-8021	ETHYLBENZENE	503194-08, 09, 10	102	106	4
EPA-8021	XYLENE	503194-08, 09, 10	102	107	5

* SURROGATE DILUTED OUT OF CALIBRATION RANGE

APPROVED BY:



Everett, WA 98208
 Phone (425) 356-2600
 (206) 292-9059 Seattle
 (425) 356-2626 Fax
 http://www.cclilabs.com

Laboratory Analysis Request

503194

Date 3/31/05 Page 1 of 2

PROJECT ID: PT-05-500-5 USF
 REPORT TO COMPANY: Delta
 PROJECT MANAGER: Tim Brownning
 ADDRESS: 17720 NE 65th St, #201
 PHONE: 368-0134 FAX: _____
 PO. NUMBER: _____ E-MAIL: _____
 INVOICE TO COMPANY: Delta / CO Weyerhaeuser
 ATTENTION: _____
 ADDRESS: _____

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 <input type="checkbox"/> EPA-8260 <input type="checkbox"/>	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	Ethylene dibromide (EDB) by EPA-8260 <input type="checkbox"/> EPA-504.1 <input type="checkbox"/>	1,2 Dichloroethene (EDC) by EPA-8260	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM <input type="checkbox"/>	PCB <input type="checkbox"/> Pesticides <input type="checkbox"/> by EPA 8081/8082	Metals-MTCA-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> Pri Pol <input type="checkbox"/> TAL <input type="checkbox"/>	Metals Other (Specify)	TCLP-Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herbs <input type="checkbox"/>	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SB2-6	3/31/05	13:00	water	1			X	X													
2. SB2-1-4		10:20	soil	2														place on hold			
3. SB2-2-4		10:40		3														place on hold			
4. SB2-2-8		10:50		4														place on hold			
5. SB2-3-4		11:10		5														place on hold			
6. SB2-3-8		11:20		6														place on hold			
7. SB2-4-4		11:50		7														place on hold			
8. SB2-4-8		12:00		8														place on hold			
9. SB2-5-4		12:20		9														place on hold			
0. SB2-5-8		12:30		10														place on hold			

0 = Add per Olig

SPECIAL INSTRUCTIONS: _____
 CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.
 SIGNATURES (Name, Company, Date, Time): _____
 Relinquished By: _____
 Received By: _____
 Relinquished By: _____

TURNAROUND REQUESTED in Business Days*
 Organic, Metals & Inorganic Analysis
 Fuels & Hydrocarbon Analysis

Standard 10 5 3 2 1 SAME DAY
 Standard 5 3 1 SAME DAY

Specify: _____
 Per 5035A

round, less the 1st day, 1st day



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC,
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 1
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-10-4 4/1/05 7:20

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	290	MG/KG	4/6/05	LAP
BENZENE	EPA-8021	1.4	MG/KG	4/6/05	LAP
TOLUENE	EPA-8021	4.1	MG/KG	4/6/05	LAP
ETHYLBENZENE	EPA-8021	3.4	MG/KG	4/6/05	LAP
XYLENES	EPA-8021	16	MG/KG	4/6/05	LAP

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY WEATHERED GASOLINE

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 30 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 2
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-10-8 4/1/05 7:30

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	90	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	1.5	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	1.8	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	1.4	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	6.8	MG/KG	4/5/05	LAP

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY WEATHERED GASOLINE

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 12 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 3
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-10-12 4/1/05 7:40

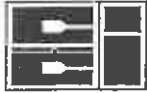
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/5/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 7
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-11 4/1/05 8:30

DATA RESULTS

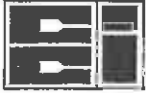
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	1500	UG/L	4/8/05	LAP
BENZENE	EPA-8021	230	UG/L	4/8/05	LAP
TOLUENE	EPA-8021	300	UG/L	4/8/05	LAP
ETHYLBENZENE	EPA-8021	43	UG/L	4/8/05	LAP
XYLENES	EPA-8021	170	UG/L	4/8/05	LAP

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY WEATHERED GASOLINE

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 10
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-13-4 4/1/05 9:00

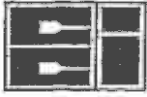
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/5/05	LAP

*"ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 11
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-13-8 4/1/05 9:10

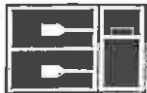
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/5/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 12
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-14-4 4/1/05 9:20

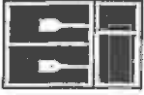
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	0.05	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/5/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 13
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-14-8 4/1/05 9:30

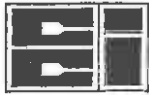
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/5/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 14
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-15-4 4/1/05 10:10

DATA RESULTS

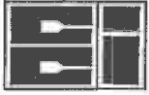
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	240	MG/KG	4/6/05	LAP
BENZENE	EPA-8021	0.2	MG/KG	4/6/05	LAP
TOLUENE	EPA-8021	ND(<0.3)	MG/KG	4/6/05	LAP
ETHYLBENZENE	EPA-8021	0.4	MG/KG	4/6/05	LAP
XYLENES	EPA-8021	ND(<0.8)	MG/KG	4/6/05	LAP

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED GASOLINE VOLATILE RANGE RESULT BIASED HIGH DUE TO SEMIVOLATILE RANGE PRODUCT

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 12 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011
CCIL SAMPLE #: 16
DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5
CLIENT SAMPLE ID: SB2-17-4 4/1/05 10:50

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	4/5/05	LAP
BENZENE	EPA-8021	ND(<0.03)	MG/KG	4/5/05	LAP
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	4/5/05	LAP
XYLENES	EPA-8021	ND(<0.2)	MG/KG	4/5/05	LAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011

DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

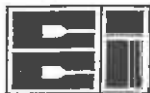
CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
504011-01	NWTPH-GX	TFT	*
504011-01	EPA-8021	TFT	*
504011-02	NWTPH-GX	TFT	74
504011-02	EPA-8021	TFT	117
504011-03	NWTPH-GX	TFT	66
504011-03	EPA-8021	TFT	65
504011-07	NWTPH-GX	TFT	111
504011-07	EPA-8021	TFT	100
504011-10	NWTPH-GX	TFT	82
504011-10	EPA-8021	TFT	79
504011-11	NWTPH-GX	TFT	81
504011-11	EPA-8021	TFT	83
504011-12	NWTPH-GX	TFT	59
504011-12	EPA-8021	TFT	62
504011-13	NWTPH-GX	TFT	79
504011-13	EPA-8021	TFT	79
504011-14	NWTPH-GX	TFT	73
504011-14	EPA-8021	TFT	91
504011-16	NWTPH-GX	TFT	75
504011-16	EPA-8021	TFT	73



CERTIFICATE OF ANALYSIS

CLIENT: DELTA ENVIRONMENTAL CONSULTANTS, INC.
17720 NE 65TH #201
REDMOND, WA 98052

DATE: 4/11/05
CCIL JOB #: 504011

DATE RECEIVED: 4/4/05
WDOE ACCREDITATION #: C142

CLIENT CONTACT: TIM BROWNING

CLIENT PROJECT ID: PT-05-300-5

QUALITY CONTROL RESULTS

BLANK AND DUPLICATE RESULTS

METHOD	BLK RESULT	ASSOC SMPLS
NWTPH-GX (GAS)	ND(<3)	504011-01 TO 03, 10 TO 14, 16
EPA-8021 (BENZENE)	ND(<0.03)	504011-01 TO 03, 10 TO 14, 16
EPA-8021 (TOLUENE)	ND(<0.05)	504011-01 TO 03, 10 TO 14, 16
EPA-8021 (ETHYLBENZ)	ND(<0.05)	504011-01 TO 03, 10 TO 14, 16
EPA-8021 (XYLENE)	ND(<0.2)	504011-01 TO 03, 10 TO 14, 16
NWTPH-GX (GAS)	ND(<50)	504011-07
EPA-8021 (BENZENE)	ND(<1)	504011-07
EPA-8021 (TOLUENE)	ND(<1)	504011-07
EPA-8021 (ETHYLBENZ)	ND(<1)	504011-07
EPA-8021 (XYLENE)	ND(<3)	504011-07

SPIKE/ SPIKE DUPLICATE RESULTS

METHOD	SPIKE ID	ASSOCIATED SAMPLES	% SPIKE RECOVERY	% SPIKE DUP RECOVERY	REL % DIFF
NWTPH-GX	GASOLINE	504011-01 TO 03, 10 TO 14, 16	84	81	4
EPA-8021	BENZENE	504011-01 TO 03, 10 TO 14, 16	103	108	5
EPA-8021	TOLUENE	504011-01 TO 03, 10 TO 14, 16	104	108	4
EPA-8021	ETHYLBENZENE	504011-01 TO 03, 10 TO 14, 16	102	106	4
EPA-8021	XYLENE	504011-01 TO 03, 10 TO 14, 16	102	107	5
NWTPH-GX	GASOLINE	504011-07	104	102	2
EPA-8021	BENZENE	504011-07	104	104	0
EPA-8021	TOLUENE	504011-07	104	104	0
EPA-8021	ETHYLBENZENE	504011-07	104	103	1
EPA-8021	XYLENE	504011-07	103	103	0

* SURROGATE DILUTED OUT OF CALIBRATION RANGE

APPROVED BY:



Laboratory Analysis Request

50401

PROJECT ID: PT-05-300-5 UGT ANALYSIS REQUESTED: NWTPH-GX / BTEX ^{Meta} ₅₀₃₈

REPORT TO COMPANY: Delta OTHER (Specify):

PROJECT MANAGER: Tim Browning

ADDRESS: 17720 NE 65th St, #201

Redmond WA 98052

PHONE: 508-0134 FAX: 869-7494

PO. NUMBER: _____ EMAIL: _____

INVOICE TO COMPANY: Delta / c. Weyerhaeuser

ATTENTION: John Nishik

ADDRESS: _____

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX / BTEX	BTEX by EPA-8021	MTBE by EPA-8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	Ethylene dibromide (EDB) by EPA-8260	1,2 Dichloroethene (EDC) by EPA-8260	Semivolatle Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PCB	Pesticides	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. <u>SB2-10-4</u>	<u>04-01-05</u>	<u>7:20</u>	<u>Soil</u>	<u>1</u>			<input checked="" type="checkbox"/>																						
2. <u>SB2-10-8</u>		<u>7:30</u>		<u>2</u>			<input checked="" type="checkbox"/>																						
3. <u>SB2-10-12</u>		<u>7:40</u>		<u>3</u>			<input checked="" type="checkbox"/>																						
4. <u>SB2-11-4</u>		<u>7:50</u>		<u>4</u>			<input checked="" type="checkbox"/>																						
5. <u>SB2-11-8</u>		<u>8:00</u>		<u>5</u>			<input checked="" type="checkbox"/>																						
6. <u>SB2-11-10</u>		<u>8:10</u>		<u>6</u>			<input checked="" type="checkbox"/>																						
7. <u>SB2-11</u>		<u>8:30</u>	<u>Water</u>	<u>7</u>			<input checked="" type="checkbox"/>																						
8. <u>SB2-12-4</u>		<u>8:40</u>	<u>Soil</u>	<u>8</u>			<input checked="" type="checkbox"/>																						
9. <u>SB2-12-8</u>		<u>8:50</u>	<u>Soil</u>	<u>9</u>			<input checked="" type="checkbox"/>																						
10. <u>SB2-13-4</u>		<u>9:00</u>	<u>Soil</u>	<u>10</u>			<input checked="" type="checkbox"/>																						

SPECIAL INSTRUCTIONS

COI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [Signature] CCENL 4/4/05 2:00

2. Relinquished By: _____

Received By: _____

Date 04/01/05 Page 1 of 2

TURNAROUND REQUESTED in Business Days*
 OTHER:

Organic, Metals & Inorganic Analysis

Fuels & Hydrocarbon Analysis

PCB Pesticides

Amount: _____ T/less \$: _____ Yard m: _____ Rush C: _____



Everett, WA 98208
 Phone (425) 356-2600
 (206) 292-9059 Seattle
 (425) 356-2626 Fax
 http://www.cclabs.com

Laboratory Analysis Request

54011

Date 04/05/05 Page 2 of 2

See page 1,

PROJECT ID: _____
 REPORT TO COMPANY: _____
 PROJECT MANAGER: _____
 ADDRESS: _____
 PHONE: _____ FAX: _____
 P.O. NUMBER: _____ E-MAIL: _____
 INVOICE TO COMPANY: _____
 ATTENTION: _____
 ADDRESS: _____

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX/BTEX	BTEX by EPA-8021	MTBE by EPA-8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	Ethylene dibromide (EDB) by EPA-8260	1,2 Dichloroethene (EDC) by EPA-8260	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PCB	Pesticides	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SB2-13-8	04-01-05	9:10	Soil	11			X	X																					
2. SB2-14-4		9:20		12			X																						
3. SB2-14-8		9:30		13			X																						
4. SB2-15-4		10:10		14			X																						
5. SB2-16-4		10:30		15			X																						
6. SB2-17-4		10:50		16			X																						
7. SB2-18-4		11:10		17			X																						
8. SB2-18-8		11:20		18			X																						
9. SB2-19		11:30	water	19			X																						

SPECIAL INSTRUCTIONS

CCL Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

Relinquished By: _____

Received By: Paul Bay CCL \$4/4/05 2:00

Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED IN BUSINESS DAYS*

Organic, Metals & Inorganic Analysis

Fuels & Hydrocarbon Analysis

10 5 3 2 1
 5 3 1
 10 5 3 2 1
 5 3 1

Specify: 5 Samples taken by 5035A

OTHER:


















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* Turnaround requested in business days. Not valid for samples received after 5:00 PM.

ATTACHMENT B

BORING LOGS

SOIL CLASSIFICATION GRAPHIC SYMBOLS

MAJOR DIVISIONS	SYMBOLS	TYPICAL SOIL DESCRIPTIONS
GRAVELS	GW 	Well graded gravels or gravel-sand mixtures, little or no fines
	GP 	Poorly graded gravels or gravel-sand mixtures, little or no fines
	GM 	Silty gravels, gravel-sand-silt mixtures
	GC 	Clayey gravels, gravel-sand-clay mixtures
SANDS	SW 	Well graded sands or gravelly sands, little or no fines
	SP 	Poorly graded sands or gravelly sands, little or no fines
	SM 	Silty sands, sand-silt mixtures
	SC/SM 	Clayey sands with a touch of gravel
	SC 	Clayey sands, sand-clay mixtures
SILTS & CLAYS LL<50	ML 	Inorganic silts and very fine sands, rock flour, silty or clayey sands or clayey silts with slight plasticity
	CL 	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL 	Organic silts and organic silty clays of low plasticity
SILTS & CLAYS LL>50	MH 	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils elastic silts
	CH 	Inorganic clays of high plasticity, fat clays
	OH 	Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS	PT	Peat and other highly organic soils
FILL MATERIAL	FILL 	
	ASPHALT 	

Delta

Environmental Consultants, Inc.

PROJECT NO:	PT05-300-5	CLIENT:	Weyerhaeuser	BORING/WELL NO:	SB2-1
LOGGED BY:	Olga Popova	LOCATION:	7001, 396 th Dr, SE, Snoqualmie, WA	PAGE	1 OF 1
DRILLER:	Cascade	DATE DRILLED:	3/31/2005	Location Map	
DRILLING METHOD:	Geoprobe	HOLE DIAMETER:	2"		
SAMPLING METHOD:	Macrocore	HOLE DEPTH:	8'		
CASING TYPE:	N/A	WELL DIAMETER:	N/A		
SLOT SIZE:	N/A	WELL DEPTH:	N/A		
GRAVEL PACK:	N/A	CASING STICKUP:	N/A		

ELEVATION	NORTHING	EASTING
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Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill Casing	1.0'bgs				1			Hand auger 0-3'
BENTONITE CHIPS		Wet	0.0		2		GM	Sandy GRAVEL, gray, loose, moist to wet
					3			(inside excavation)
					4			
					5			
					6			
					7			
		Wet	0.0		8			Bottom of Boring at 8 feet bgs
					9			
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-2
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 3/31/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 8'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION	
Backfill	Casing									
BENTONITE CHIPS		▽ 2.0'bgs				1			Hand auger 0-3'	
						2		GM	Sandy GRAVEL, gray, loose, moist to wet	
			Mst/ Wet		13.0		3		CL	Silty C (inside excavation) fined grained sand, stiff, plastic, moist to wet
						4				
						5				
						6				
						7			ML	Clayey SILT, light brown, with orange banding and staining, 5-105% vary fine grained sand, stiff, low plastic, wet
			Wet		24.0		8			Bottom of Boring at 8 feet bgs
						9				
						10				
						11				
						12				
						13				
						14				
						15				
						16				
						17				
						18				
						19				
						20				
						21				
						22				

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5 CLIENT: Weyerhaeuser
 LOGGED BY: Olga Popova LOCATION: 7001, 398 th Dr, SE, Snoqualmie, WA
 DRILLER: Cascade DATE DRILLED: 3/31/2005
 DRILLING METHOD: Geoprobe HOLE DIAMETER: 2"
 SAMPLING METHOD: Macrocore HOLE DEPTH: 12'
 CASING TYPE: N/A WELL DIAMETER: N/A
 SLOT SIZE: N/A WELL DEPTH: N/A
 GRAVEL PACK: N/A CASING STICKUP: N/A

BORING/WELL NO: SB2-3
 PAGE 1 OF 1

Location Map

ELEVATION NORTHING EASTING

Well Completion Backfill Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
	3.0'bgs	Mst/ Wet	0.7		1			Hand auger 0-3'
					2		GM	Sandy GRAVEL, gray, loose, moist to wet
					3			
					4			
					5		CL	Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet
					6			
					7			
		Wet	1.7		8			
					9			
					10		ML	Clayey SILT, light brown, with orange banding and staining, 5-10% very fine grained sand, stiff, low plastic, wet
		Wet	1.2		11			
					12			Bottom of Boring at 12 feet bgs
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			

BENTONITE CHIPS

[fill]

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-5
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 3/31/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 8'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill	Casing								
BENTONITE CHIPS		▽ 3.0'bgs	Mst/ Wet	180		1			Hand auger 0-3'
						2	GM	Sandy GRAVEL, gray, loose, moist to wet	
			Wet	225		3		CL	Silty CLAY, grayish brown to greenish gray, trace very
						4		finned grained sand, stiff, plastic, moist to wet	
						5			
						6			
						7			
						8			
						9			
						10			
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						
			21						
			22						

Bottom of Boring at 8 feet bgs

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-6
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 3/31/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 8'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill	Casing								
									Hand auger 0-3'
						1			
						2		GM	Sandy GRAVEL, gray, loose, moist to wet
						3			
			Mst	2.4		4		CL	Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet
		5.0' bgs				5			
						6			
						7			
			Wet	6.7		8			Bottom of Boring at 8 feet bgs
						9			
						10			
						11			
						12			
						13			
						14			
						15			
						16			
						17			
						18			
						19			
						20			
						21			
						22			

BENTONITE CHIPS

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-8
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 3/31/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 12'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION		
Backfill	Casing										
BENTONITE CHIPS	4.0' bgs	▽	Mst/ Wet	1.4		1	[Shaded]	GM	Hand auger 0-3'		
						2			Sandy GRAVEL, gray, loose, moist to wet		
						3			(seen on core)		
						4			CL	5	Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet
						6					
						7					
						8					
						9			ML	10	Clayey SILT, light brown, with orange banding and staining, 5-10% very fine grained sand, stiff, low plastic, wet
						11					
						12					Bottom of Boring at 12 feet bgs
						13					
						14					
						15					
						16					
						17					
						18					
						19					
						20					
						21					
						22					

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[fill]

Delta

Environmental Consultants, Inc.

PROJECT NO:	PT05-300-5	CLIENT:	Weyerhaeuser	BORING/WELL NO:	SB2-10
LOGGED BY:	Olga Popova	LOCATION:	7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1	
DRILLER:	Cascade	DATE DRILLED:	4/1/2005	Location Map	
DRILLING METHOD:	Geoprobe	HOLE DIAMETER:	2"		
SAMPLING METHOD:	Macrocore	HOLE DEPTH:	12'		
CASING TYPE:	N/A	WELL DIAMETER:	N/A		
SLOT SIZE:	N/A	WELL DEPTH:	N/A		
GRAVEL PACK:	N/A	CASING STICKUP:	N/A		

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill	Casing								
BENTONITE CHIPS		3.0'bgs	Mst/ Wet	69	-	1	-	GM	Hand auger 0-3'
						2			Sandy GRAVEL, gray, loose, moist to wet
						3			
						4			Silty CLAY, grayish brown, trace silt, scattered wood debris in the top, stiff, plastic, wet
						5			
						6			
						7			
						8			
						9			
						10			
						11			Silty SAND, gray, 20/5 very fine to fine grained sand, loose to medium dense, wet
						12			
						13			
						14			
						15			
						16			
						17			
						18			
						19			
						20			
						21			
						22			

Bottom of Boring at 12 feet bgs

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-11
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 4/1/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 12'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill Casing								Hand auger 0-3'
	5.0'bgs	Mst	150		1			
					2		GM	Sandy GRAVEL, gray, loose, moist to wet
					3			(seen on core)
					4		CL	Silty CLAY, grayish brown, trace silt, scattered wood debris in the top, stiff, plastic, wet
		Wet	69		5			
					6			
					7			
					8			
					9			
		Wet	1.2		10		ML	Clayey SILT, light brown, with orange banding and staining, 5-10% vary fine grained sand, stiff, low plastic, wet
					11			
					12			Bottom of Boring at 12 feet bgs
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			

BENTONITE CHIPS

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5 CLIENT: Weyerhaeuser BORING/WELL NO: SB2-14
 LOGGED BY: Olga Popova LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA PAGE 1 OF 1
 DRILLER: Cascade DATE DRILLED: 4/1/2005
 DRILLING METHOD: Geoprobe HOLE DIAMETER: 2" Location Map
 SAMPLING METHOD: Macrocore HOLE DEPTH: 8'
 CASING TYPE: N/A WELL DIAMETER: N/A
 SLOT SIZE: N/A WELL DEPTH: N/A
 GRAVEL PACK: N/A CASING STICKUP: N/A

ELEVATION NORTHING EASTING

Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill Casing					1			Hand auger 0-3'
					2		GM	Sandy GRAVEL, gray, loose, moist to wet
					3			
		Mst	15.0		4			
	5.0' bgs				5		CL	Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet
					6			
					7			
		Wet	4.8		8			Bottom of Boring at 8 feet bgs
					9			
					10			
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			

Delta

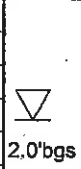
Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-15
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 4/1/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 8'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill Casing	2.0' bgs	Mst/Wet	70.0		1		GM	Hand auger 0-3'
					2			Sandy GRAVEL, gray, loose, moist to wet
					3			
					4			
					5			
					6		CL	Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet
					7			
					8			Bottom of Boring at 8 feet bgs
					9			
					10			
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			

BENTONITE CHIPS



Moisture Content: Mst/Wet (2-5 ft), Wet (6-8 ft)

PID Reading (ppm): 70.0 (2-5 ft), 25.0 (6-8 ft)

Penetration (blows/6"): (Empty)

Depth (feet): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

Sample Recovery Interval: (Empty)

Soil Type: GM (2-5 ft), CL (6-8 ft)

LITHOLOGY / DESCRIPTION: Hand auger 0-3', Sandy GRAVEL, gray, loose, moist to wet, Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet, Bottom of Boring at 8 feet bgs

Delta

Environmental Consultants, Inc.

PROJECT NO:	PT05-300-5	CLIENT:	Weyerhaeuser	BORING/WELL NO:	SB2-16
LOGGED BY:	Olga Popova	LOCATION:	7001, 396 th Dr, SE, Snoqualmie, WA	PAGE	1 OF 1
DRILLER:	Cascade	DATE DRILLED:	4/1/2005	Location Map	
DRILLING METHOD:	Geoprobe	HOLE DIAMETER:	2"		
SAMPLING METHOD:	Macrocore	HOLE DEPTH:	12'		
CASING TYPE:	N/A	WELL DIAMETER:	N/A		
SLOT SIZE:	N/A	WELL DEPTH:	N/A		
GRAVEL PACK:	N/A	CASING STICKUP:	N/A		

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill	Casing								
BENTONITE CHIPS		▽ 3.0'bgs	Mst/ Wet	1.6					Hand auger 0-3'
						1			
						2		GM	Sandy GRAVEL, gray, loose, moist to wet
						3			
						4			
						5		CL	Silty CLAY, grayish brown, trace silt, scattered wood debris in the top, stiff, plastic, wet
						6			
						7			
						8			
						9			
						10			
						11			
						12			
						13			
						14			
						15			
						16			
						17			
						18			
						19			
						20			
					21				
					22				

Bottom of Boring at 12 feet bgs

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-17
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 4/1/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 8'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION	
Backfill	Casing									
BENTONITE CHIPS		▽ 2.0'bgs	Wet	2.1		1		GM	Hand auger 0-3'	
						2			Sandy GRAVEL, gray, loose, moist to wet	
						3			(inside excavation)	
						4				
						5				
						6				
						7				
				Wet	0.0		8			Bottom of Boring at 8 feet bgs
						9				
						10				
						11				
						12				
						13				
						14				
						15				
						16				
						17				
						18				
						19				
						20				
						21				
						22				

Delta

Environmental Consultants, Inc.

PROJECT NO: PT05-300-5	CLIENT: Weyerhaeuser	BORING/WELL NO: SB2-18
LOGGED BY: Olga Popova	LOCATION: 7001, 396 th Dr, SE, Snoqualmie, WA	PAGE 1 OF 1
DRILLER: Cascade	DATE DRILLED: 4/1/2005	Location Map
DRILLING METHOD: Geoprobe	HOLE DIAMETER: 2"	
SAMPLING METHOD: Macrocore	HOLE DEPTH: 8'	
CASING TYPE: N/A	WELL DIAMETER: N/A	
SLOT SIZE: N/A	WELL DEPTH: N/A	
GRAVEL PACK: N/A	CASING STICKUP: N/A	

ELEVATION	NORTHING	EASTING
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Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill Casing	2.0' bgs				1			Hand auger 0-3'
					2		GM	Sandy GRAVEL, gray, loose, moist to wet
		Wet	15.0		3		CL	Silty CLAY, grayish brown to greenish gray, trace very fine grained sand, stiff, plastic, moist to wet
					4			
					5			
					6			
					7			
		Wet	1.4		8			Bottom of Boring at 8 feet bgs
					9			
					10			
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			

BENTONITE CHIPS