Water Quality Monitoring Report For:

Snyder Roofing, Inc.

20203 Broadway Ave. Snohomish, Washington Tax Account # 242705-1-004

Sno. Co. Project File #: 98-108940-LU

July 18, 2001

Prepared By:

Catalyst

Design - Planning - Permitting P.O. Box 865, Marysville, Wa. 98270 Phone: (360) 658-7949 Fax: (360) 658-4639

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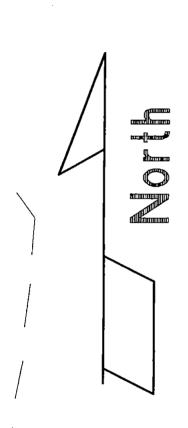
"Bringing All The Elements Together For A Successful Project"

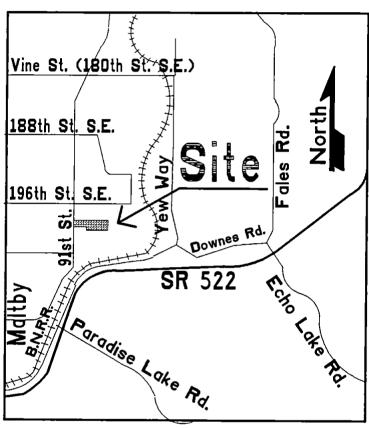
Design Planning Engineering Environmental Permitting

OFFICE + INDUSTRIAL + RETAIL + MULTI-FAMILY

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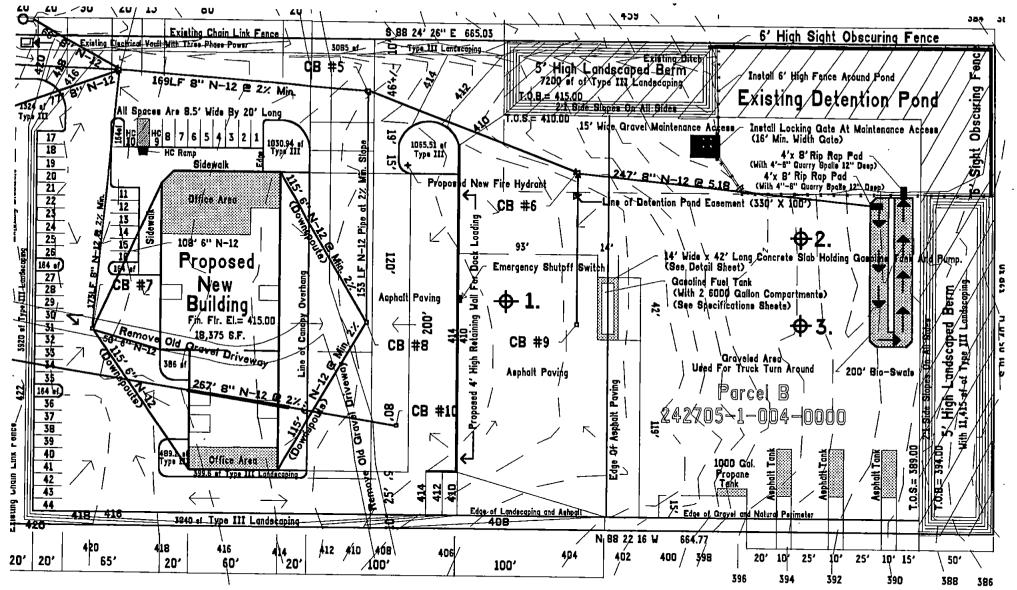
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Vicinity Map

Plate 1.



Site Plan

+ = WELL BORING LOCATIONS

Plate 2.

Summary

In the fall of 1998, Snyder Roofing, Inc. purchased a five acre industrial lot in Maltby, Snohomish County, Washington to build a new office and warehouse facility for themselves with the associated parking and landscaping areas.

The previous owner, Doug Hendel, had voluntarily begun a clean up file with the Washington State Department of Ecology under the Model Toxic Control Act (MTCA). Unpermitted fill dirt and construction debris had been dumped on the property by the previous owner Harry West. For a more detailed history of the process, see page 7 of this report.

Snyder Roofing, Inc. retained Catalyst in August of 1998 to design the site, prepare the civil engineering plans and calculations, the landscaping plans and to coordinate and obtain site work and building permits for the project. In August of 1999, Snohomish County Planning and Development Services issued a commercial building and grading/drainage permit for the project and work was begun on the site (Sno Co Project File #: 98-108940-LU).

Alden Environmental Inc. was retained by Mr. Hendel to oversee and evaluate the removal of the old fill and debris during the site work and to prepare a report for the Department of Ecology to review. During the course of the construction and site work inspection, Alden Environmental, Inc., changed their name to Environmental Resource Management (ERM).

As a result of it's review of the report prepared by Environmental Resource Management, the Department of Ecology issued a "No Further Action" letter to Snyder Roofing, Inc. dated August 28, 2000.

In their letter, the Department of Ecology stated that ... "at this time, the releases of total petroleum hydrocarbons (TPH) and BTEX (benzene, toluene, ethylbenzene, xylene), metals, polynuclear aromatic hydrocarbons (PAH), and volatile organic compounds (VOC) into soil and groundwater no longer poses a threat to human health or the environment."

However, as a condition of the "No Further Action" letter, the Department of Ecology requested that Snyder Roofing, Inc. conduct further groundwater monitoring until compliance with MTCA was shown. To comply with Ecologys' request, Snyder Roofing again hired Catalyst to coordinate the monitoring and testing program.

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Catalyst arranged to have Cascade Drilling of Woodinville drill three borings on May 16, 2001, in the locations requested by Ron Timm of the Department of Ecology as shown on the attached site plan (See plate 2 on page 4 of this report). Catalyst also arranged to have Robin Hamlet, RPG, CEI, CRS, manager of environmental services for Earth Consultants, Inc. of Bellevue, Washington, on hand to oversee the borings and to take samples.

During the drilling process, each boring was continued to a depth of 35' below existing grade (see boring logs in Appendix "A" on page 10). No groundwater at all was encountered in any of the well borings. Soil samples were taken from each boring for analysis and since no water was encountered in any hole, well casings were not installed and the borings were sealed to comply with State law.

All soil samples were taken to CCI labs in Everett, Washington for lab analysis. The analytical results for all samples were non-detectable below DOE thresholds for all compounds. (see certified lab results in appendix "B" on page 20).

History:

In 1997, Douglas Hendel, the previous owner of the Snyder Roofing property, voluntarily contacted the Washington State Department of Ecology (DOE) about cleaning up some old unpermitted fill and construction debris on his property located in Snohomish County at 20209 Broadway Ave., in Snohomish, Washington (Maltby).

Mr. Hendel had inherited the old fill and debris from the former owner, Mr. Harry West, who had placed it there. The fill consisted mainly of construction site dirt with pieces of gypsum wall board, 2x4's, general jobsite debris and some chunks of asphalt dumped over the center of the site in varying depths from 1'-6' deep.

Mr. Hendel retained Environmental Partners, Inc. (EPI) of Bellevue, Wa. and Cascade Drilling of Woodinville, Wa. to perform a preliminary investigation of the fill. As a result, a memorandum was prepared for Mr. Hendel by EPI titled: "Maltby Property Analytical Results: EPI Project No. 17302.0" dated July 3, 1997.

A letter was then prepared by EPI titled "Proposal for a Phase II Environmental Site Assessment, Maltby Property, Maltby, Washington" for Cascade Drilling and dated July 18, 1997.

Mr. Hendel then proceeded to hire Nelson-Couvrette & Associates, Inc. (NCA) of Woodinville, Wa. to prepare a report titled "Preliminary Geotechnical Consultation Services: 5 Acre Fill Site- 20209 Broadway Avenue-Maltby, Snohomish County, Washington, NCA File No. 226898" dated January 27, 1998.

The Department of Ecology then sent a letter to Doug Hendel titled "Request for Technical Assistance: Voluntary Cleanup Program-Hendel Property in Maltby" dated July 2, 1998.

After the request for technical assistance was sent to Mr. Hendel, he retained Alden Environmental Management, Inc. (AEMI) to send a letter to the Dept. Ecology titled "Hendel Property, Rear of 20209 Broadway, Maltby, Snohomish County, Washington" on July 23, 1998 explaining that they had been hired to investigate the fill on the property and would be preparing a report.

Alden Environmental Management, Inc. then proceeded to investigate the fill and debris on site and prepared a report titled "Investigation Summary, Hendel Property, Maltby, Washington" dated August 17, 1998.

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Based upon the findings in the report by Alden Environmental, Inc. and their proposed method of clean up, the Department of Ecology then prepared a letter that it sent to Snohomish County Planning and Development Services titled "Proposed Development at the Hendel Property, Property Adjacent to 20209 Broadway Ave., Maltby, Washington" dated September 14, 1998. This letter basically stated that the DOE would be prepared to issue a "No Further Action" letter in regards to the Snyder property assuming that the clean-up procedures outlined in the report prepared by Alden Environmental, Inc. were followed and there were no further contaminants found.

Snyder Roofing purchased the property in the fall of 1998 and hired Catalyst to design and permit the site and building construction. A building/grading permit was issued by Snohomish County Planning and Development Services (Project File #: 98-108940-LU) in the summer of 1999 and as a part of the project grading, the old fill was removed. Alden Environmental Services was on site during the grading operation to inspect and evaluate the old fill as it was removed. During the course of the construction and site work inspection, Alden Environmental, Inc., changed the name of their firm to Environmental Resource Management (ERM).

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The above referenced memorandums, letters and reports can be found in the Central Files of the Northwest Regional Office (NWRO) of Ecology and may be viewed by appointment only.

As a condition of the "No Further Action" letter, the Department of Ecology requested that Snyder Roofing, Inc. conduct further groundwater monitoring until compliance with MTCA was shown. To comply with Ecologys' request, Snyder Roofing again hired Catalyst to coordinate the monitoring and testing program.

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page 8 of 38

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Appendix A

Letter from Earth Consultants with Boring Logs



June 8, 2001

E-9695

CATALYST 13318 11th Avenue Northeast Marysville, WA 98271

Attention:

Mr. Alan Gillard

Subject:

Phase II ESA Oversight

Dear Mr. Gillard,

On May 16, 2001, Earth Consultants, Inc. (ECI) provided oversight services for the drilling of three monitoring wells at the Synder Roofing facility in Maltby. The three borings were all drilled to a total depth of 31 feet below top of ground. The subsurface geology consisted of glacial Till overlain with fill materials of sand, gravels and clays. No groundwater was encountered during the drilling of the borings.

Two subsurface soil samples were collected for boring SR-1 at depths of 15 feet and 25 feet, respectfully. One composite soil sample was collected from the drill cuttings from boring SRMW-2 and one from the drill cuttings from boring SRMW-3. No hydrocarbon compounds were detected in any of the samples or cuttings collected from any of the borings.

All samples were sent to CCI Laboratories in Everett for analysis. The two samples collected from boring SR-1 were analyzed for the following compounds:

- 1) Gasoline Range Organics: NWTPH-Gx
- 2) Volatile Organics: EPA Method 8260
- 3) Polyaromatic Hydrocarbons: EPA Method 8270

The two composite samples collected from borings SRMW-2 and SRMW-3 were analyzed for hydrocarbon identification by Ecology Method NWTPH-HCID.

Analytical results were non-detects on all samples and all compounds. The results did indicate the detection of Methylene Chloride. Methylene Chloride is an extraction solvent used in the extraction process and is known as a common laboratory contaminate.

Copies of the boring logs are present in Appendix A and the laboratory results are presented in Appendix B.

We would like to thank you for your business and if we can be of further assistance on your projects, please do not hesitate to contact us. If there are any questions, please call me at (425) 643-3780.

Respectfully Submitted,

EARTH CONSULTANTS, INC.

Robin Hamlet, RPG, CEI, CRS

Manager of Environmental Services

APPENDIX A BORING LOGS

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			-			-	Proj.	No.		Date		Plate

Appendix B

Certified Laboratory Analysis of Soil Samples

APPENDIX B FINAL LABORATORY ANALYSIS

E-9695

RECEIVED

JUN 0 4 2001



CERTIFICATE OF ANALYSIS

CLIENT: EARTH CONSULTANTS, INC.

1805 136TH PLACE NE, SUITE 201

BELLEVUE, WA 98005

DATE: 5/31/01

CCIL JOB #:

105074

CCIL SAMPLE #:

1

DATE RECEIVED:

. . 1

WDOE ACCREDITATION #:

5/17/01 C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SR1-15 5/16/01

DATA RESULTS											
				ACTION	ANALYSIS	ANALYSIS					
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	ВУ					
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG		5/18/01	LAH					
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG		E/20/01	DAI					
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG		5/30/01 5/30/01	RAL RAL					
ACENAPHATHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL RAL					
FLUORENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL RAL					
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL.					
PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
BENZO[A]ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
CHRYSENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
BENZO[B]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
BENZO[K]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
BENZO(A)PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL					
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
ACETONE	EPA-8260A	ND(<150)	UG/KG		5/29/01	RAL					
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
METHYLENE CHLORIDE	EPA-8260A	46****	UG/KG		5/29/01	RAL					
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL					
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL					



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01 CCIL JOB #:

1805 136TH PLACE NE, SUITE 201

105074

BELLEVUE, WA 98005

CCIL SAMPLE #:

1

DATE RECEIVED:

5/17/01

WDOE ACCREDITATION #:

C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SR1-15 5/16/01

DATA RESULTS											
ANALYTE	METHOD	DEC. 11 704		ACTION	ANALYSIS	ANALYSIS					
ANALTIE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY					
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
/ BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL					
·/ TOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL					
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
TETRACHLOROETHYLENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
er ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		5/29/01	RAL					
STYRENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
~ "O-XYLENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL					



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01

1805 136TH PLACE NE, SUITE 201

CCIL JOB #:

105074

BELLEVUE, WA 98005

CCIL SAMPLE #:

75077

DATE RECEIVED:

1

WDOE ACCREDITATION #:

5/17/01 C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SR1-15 5/16/01

	DA	ATA RESUL	TS			
				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL

^{&#}x27; "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 5 MG/KG

APPROVED BY: # Stage

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.

^{.....}RESULT DUE TO LABORATORY CONTAMINATION



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01

CCIL JOB #:

105074

1805 136TH PLACE NE, SUITE 201 BELLEVUE, WA 98005

CCIL SAMPLE #:

2

DATE RECEIVED:

5/17/01

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SR1-25 5/16/01

	D	ATA RESUL	TS			
				 ACTION	ANALYCIC	ANIALVOYO
ANALYTE	METHOD	RESULTS*	UNITS**		ANALYSIS	ANALYSIS
AND LIFE	MEINOD	KESUL15*	UNIIS++	LEVEL***	DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG		5/18/01	LAH
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
ACENAPHATHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
FLUORENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
BENZO[A]ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
CHRYSENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
BENZO[B]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
BENZO[K]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
BENZO(A)PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL
		, ,	,		3,30,01	IOAL
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		5/29/01	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
METHYLENE CHLORIDE	EPA-8260A	25****	UG/KG		5/29/01	RAL '
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL
			·		-,,	



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01 CCIL IOB #: 105074

 $1805\ 136 \mathrm{TH}$ PLACE NE, SUITE 201

CCIL JOB #: 105074 L SAMPLE #: 2

BELLEVUE, WA 98005

CCIL SAMPLE #:
DATE RECEIVED: 5/17/0

WDOE ACCREDITATION #:

5/17/01 C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SR1-25 5/16/01

DATA RESULTS

				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
TETRACHLOROETHYLENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		5/29/01	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL '
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
		• •	•		-,,	1012



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/3

5/31/01

1805 136TH PLACE NE, SUITE 201 BELLEVUE, WA 98005

CCIL JOB #:

105074

CCIL SAMPLE #:

2

DATE RECEIVED:

5/17/01

WDOE ACCREDITATION #:

C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SR1-25 5/16/01

DATA RESULTS

				ACTION	ANALYSIS	ANALYSIS
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL

^{· &}quot;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 5 MG/KG

APPROVED BY: Jak Bay

^{..} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

^{...} ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.

[&]quot;"RESULT DUE TO LABORATORY CONTAMINATION



CLIENT: EARTH CONSULTANTS, INC. DATE: 5/31/01

1805 136TH PLACE NE, SUITE 201

CCIL JOB #:

BELLEVUE, WA 98005

CCIL SAMPLE #:

105074

DATE RECEIVED:

WDOE ACCREDITATION #:

5/17/01 C142

CLIENT CONTACT: ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SRMW-2 5/16/01

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	NWTPH-HCID	ND(<20)	MG/KG GAS		KAS	5/24/01
HCID-DIESEL RANGE	NWTPH-HCID	ND(<50)	MG/KG DSL		KAS	5/24/01
HCID-OIL RANGE	NWTPH-HCID	ND(<100)	MG/KG OIL		KAS	5/24/01

[&]quot; "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

APPROVED BY: _______

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

^{...} ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01

1805 136TH PLACE NE, SUITE 201

CCIL JOB #:

105074

BELLEVUE, WA 98005

CCIL SAMPLE #:

DATE RECEIVED:

WDOE ACCREDITATION #:

5/17/01

C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

SRMW-3 5/16/01

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
HCID-GAS RANGE	NWTPH-HCID	ND(<20)	MG/KG GAS		KAS	5/24/01
HCID-DIESEL RANGE HCID-OIL RANGE	NWTPH-HCID	ND(<50) ND(<100)	MG/KG DSL MG/KG OIL		KAS KAS	5/24/01 5/24/01

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

APPROVED BY: Allay

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

^{***} ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.



CLIENT: EARTH CONSULTANTS, INC.

DATE:

5/31/01

1805 136TH PLACE NE, SUITE 201

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105074

BELLEVUE, WA 98005

DATE RECEIVED:

5/17/01

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C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	. ANALYTE	SUR ID	% RECV
105074-01	NWTPH-GX	TFT	87
105074-01	EPA-8270	TERPHENYL-d14	95
105074-01	EPA-8260A	1,2-DCE-d4	88
105074-01	EPA-8260A	TOLUENE-d8	95
105074-01	EPA-8260A	4-BFB	91
105074-02	NWTPH-GX	TFT	77
105074-02	EPA-8270	TERPHENYL-d14	109
105074-02	EPA-8260A	1,2-DCE-d4	92
105074-02	EPA-8260A	TOLUENE-d8	95
105074-02	EPA-8260A	4-BFB	88
105074-03	NWTPH-HCID	ВСВ	96
105074-03	NWTPH-DX	C25	98
105074-04	NWTPH-HCID	BCB	59
105074-04	NWTPH-DX	C25	69



CLIENT: EARTH CONSULTANTS, INC.

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C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

QUALITY CONTROL RESULTS

BLANK AND DUPLICATE RESULTS

METHOD	BLK RESULT	ASSOC SMPLS	DUP RESULT	ORIG RESULT	%RDP	ASSOC SMPLS
NWTPH-GX	ND(<5)	105074-01 TO 02	ND(<5)	ND(<5)	****	SAME
NWTPH-HCID(GAS)	ND(<20)	105074-03 TO 04	ND(<20)	ND(<20)		SAME
NWTPH-HCID(DSL)	ND(<50)	105074-03 TO 04	ND(<50)	ND(<50)		SAME
NWTPH-HCID(OIL)	ND(<100)	105074-03 TO 04	ND(<100)	ND(<100)		SAME
EPA-8260A	SEE BLANK REPO	ORT				
EPA-8270	SEE BLANK REPO	ORT				

SPIKE/ SPIKE DUPLICATE RESULTS

		ASSOCIATED	% SPIKE	% SPIKE DUP	
METHOD	SPIKE ID	SAMPLES	RECOVERY	RECOVERY	REL % DIFF
EPA-8270	ACENAPHTHENE	105074-01 TO 02	76	81	7
EPA-8270	PYRENE	105074-01 TO 02	83	94	13
EPA-8260A	1,1 DICHLOROETHENE	105074-01 TO 02	84	97	14
EPA-8260A	BENZENE	105074-01 TO 02	98	101	4
EPA-8260A	TRICHLOROETHENE	105074-01 TO 02	90	90	0
EPA-8260A	TOLUENE	105074-01 TO 02	93	102	9
EPA-8260A	CHLOROBENZENE	105074-01 TO 02	93	100	8



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01 CCIL JOB #: 105074

1805 136TH PLACE NE, SUITE 201

CCIL SAMPLE #: BLK

BELLEVUE, WA 98005 CCIL SAMPLE #

DATE RECEIVED: 5/17/01

WDOE ACCREDITATION #: C142

CLIENT CONTACT: ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

METHOD BLANK FOR EPA-8260 AND EPA-8270

	DATA RESULTS													
	-													
				ACTION	ANALYSIS	ANALYSIS								
ANALYTE	METHOD	RESULTS*	UNITS**	LEVEL***	DATE	BY								
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
ACENAPHATHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
FLUORENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
BENZO[A]ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
CHRYSENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
BENZO[B]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
BENZO[K]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
BENZO(A)PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<100)	UG/KG		5/30/01	RAL								
		` ,	-,		0,00,01	IVAL								
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
ACETONE	EPA-8260A	ND(<150)	UG/KG		5/29/01	RAL								
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
METHYLENE CHLORIDE	EPA-8260A	21	UG/KG		5/29/01	RAL								
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL								
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL '								
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		5/29/01	RAL								
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		5/29/01	RAL								



CLIENT: EARTH CONSULTANTS, INC. DATE:

5/31/01

1805 136TH PLACE NE, SUITE 201

CCIL JOB #:

105074

BELLEVUE, WA 98005

CCIL SAMPLE #:

BLK

DATE RECEIVED:

5/17/01

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

METHOD BLANK FOR EPA-8260 AND EPA-8270

DATA RESULTS ACTION ANALYSIS ANALYSIS ANALYTE METHOD RESULTS* UNITS** LEVEL*** DATE BY **CHLOROFORM** EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,1,1-TRICHLOROETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,1-DICHLOROPROPENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL CARBON TETRACHLORIDE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2-DICHLOROETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL BENZENE EPA-8260A ND(<10) UG/KG RAL 5/29/01 TRICHLOROETHENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2-DICHLOROPROPANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL DIBROMOMETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL **BROMODICHLOROMETHANE** EPA-8260A ND(<10) UG/KG 5/29/01 RAL TRANS-1,3-DICHLOROPROPENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 4-METHYL-2-PENTANONE EPA-8260A ND(<50) UG/KG 5/29/01 RAL **TOLUENE** EPA-8260A ND(<10) UG/KG 5/29/01 RAL CIS-1,3-DICHLOROPROPENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,1,2-TRICHLOROETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 2-HEXANONE EPA-8260A ND(<50) UG/KG 5/29/01 RAL 1,3-DICHLOROPROPANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL **TETRACHLOROETHYLENE** ND(<10) EPA-8260A UG/KG 5/29/01 RAL DIBROMOCHLOROMETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2-DIBROMOETHANE ND(<10) EPA-8260A UG/KG 5/29/01 RAL CHLOROBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,1,1,2-TETRACHLOROETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL ETHYLBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL M+P XYLENE EPA-8260A ND(<20) UG/KG 5/29/01 RAL STYRENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL O-XYLENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL BROMOFORM EPA-8260A ND(<10) UG/KG 5/29/01 RAL ISOPROPYLBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,1,2,2-TETRACHLOROETHANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2,3-TRICHLOROPROPANE EPA-8260A ND(<10) UG/KG 5/29/01 RAL **BROMOBENZENE** EPA-8260A ND(<10) UG/KG 5/29/01 RAL N-PROPYL BENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 2-CHLOROTOLUENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,3,5-TRIMETHYLBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL



CLIENT: EARTH CONSULTANTS, INC.

DATE: 5/31/01

1805 136TH PLACE NE, SUITE 201

CCIL JOB #:

105074

BELLEVUE, WA 98005

CCIL SAMPLE #:

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DATE RECEIVED:

BLK

WDOE ACCREDITATION #:

5/17/01 C142

CLIENT CONTACT:

ROBIN HAMLET

CLIENT PROJECT ID:

E-9695

CLIENT SAMPLE ID:

METHOD BLANK FOR EPA-8260 AND EPA-8270

DATA RESULTS ACTION ANALYSIS ANALYSIS ANALYTE METHOD RESULTS* UNITS** LEVEL*** DATE BY 4-CHLOROTOLUENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL T-BUTYL BENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2,4-TRIMETHYL BENZENE EPA-8260A ND(<10) UG/KG 5/29/01 **RAL** S-BUTYL BENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL P-ISOPROPYLTOLUENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,3 DICHLOROBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 **RAL** 1,4-DICHLOROBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL N-BUTYLBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2-DICHLOROBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2-DIBROMO 3-CHLOROPROPANE EPA-8260A ND(<50) UG/KG 5/29/01 RAL 1,2,4-TRICHLOROBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL **HEXACHLORO1,3-BUTADIENE** EPA-8260A ND(<10) UG/KG 5/29/01 RAL NAPHTHALENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL 1,2,3-TRICHLOROBENZENE EPA-8260A ND(<10) UG/KG 5/29/01 RAL

APPROVED BY: Blag

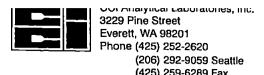
^{· &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

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

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Appendix C

Chain of Custody / Laboratory Analysis Request



Chain Of Custody/ Laboratory Analysis Request

	CCI Job#	(Laboratory Use Only)	
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(425) 259	-0209 Fax								1								Date	5//	10/0	,	Dag	_	/		Of	/		
PROJECT ID: E-9695																	Pale	2.,,	470		гау	e		•	_ 01.			
REPORT TO COMPANY: ECI			· -		ANALYSIS REQUESTED							OTHER (Specify)																
PROJECT ROBIN HAN	LET				1			,			<u> </u>	1			-				40)	City	7)	. 1	$\overline{\cdot}$		-	Т	$\neg \tau$	ᅱ
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SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-GX	BTEX	NWTPH-DX	NWTPH-HCID	EPA 8021 □	EPA 8010 □	EPA 8260,12	EPA 8270 🜠 (EPA 8081/8082 608	Metals Priority Pollutant □	Metals Other (Specify)	TCLP-Metals 🗆 VOA 🖯											NUMBER	RECEIVED IN GOOD CONDITION?
1. SRI-15	5/14/01		Soil		X						X	Ż			_	 -							-	\neg	_		2	
2. SR1-25	5/14/4)		X						χ	γ															2	\neg
3. SRMW-2	5/16/01				'-			X							_										\dashv			
4. SPMW -3	5/1401	·	(1			\Diamond																		1		\exists
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Appendix D

Cascade Well Drilling Daily Work Report

CLIENT:	4/2		364.0		PROJE		RK REP		マ			DATE	Portland, OR		
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PORT TRUCK #		COMPR	ESSOR/JAI	CK HAMM	IER		10 FT. SCREEN	╁┼		SAND 10 X 20			WELL COVER	12"	
ON TRAILER		SERVICI					5 FT. SCREEN	╁┼	+	SAND 2 / 12 X	20		MONUMENT C	ASING	
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CAT		+	LTIC PUMI				10 FT. BLANK	$\vdash \downarrow$	- -	QUICK SET			SOIL DRUMS		7
KLIFT		HYDROP			-+		5 FT. BLANK	\dashv	+-	PORTLAND			DEVELOPMENT	DRUMS	
DRE CUTS		1			-+		SLIP CAP	++	+	BENTONITE GR			DECON DRUMS		
W CUTS		 					THREADED CAP	├-	-	BENTONITE CHI	+	10	HOLE COVER P	LATES	
	— ——	LABO	 R				LOCKING CAPS	-+	+-	BENTONITE PO			TRAFFIC CONTI	ROL	
/ WITH			ABLE EXT	RA LABOS	HBS.		DRIVE SHOE	+	+-	BENTONITE PEL			PLASTIC SHEET	ING	
NAME	Sign	ATURE	SHOP HRS.	DRILL	OTHER	TOTAL	Dillac Sunt	_	+-	SAMPLER TUBE	<u>s</u>		L.B. LINERS		
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701			7		4,5	<u> </u>	 	+	+	GW PROBE POIN	ITS	;	SOIL SAMPLE	s	_
			- ``>		75			+-	+	MACRO LINERS		!	WATER SAMP	LES	
			<u> </u>		<u> </u>					SAMPLER SHOE			HYDROPUNCH SA	MPLES	
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