



Barg French cleaners
WAD053813085
H2W 5.4.1 contained out Determination

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000

December 14, 2004

CERTIFIED MAIL

7003 1010 0005 0446 7118

Mr. Jerry Everard
1925 Third LLC
300 East Pine
Seattle, WA 98122

Dear Mr. Everard:

RE: Disposal of Soils Contaminated with F002-Listed Dangerous Waste Constituents

The Department of Ecology (Ecology) has received and reviewed the soil analytical data report dated November 18, 2004, regarding F002-listed waste-contaminated soil located at the former Barg French Cleaners located at 1925, 1927, and 1929 Third Avenue, Seattle, Washington 98101. This data was submitted by your environmental consultant, Parametrix. The analytical data were submitted to Ecology to determine if these F002-listed waste-contaminated soils, once excavated, should be managed as listed dangerous wastes in accordance with the principles of the RCRA "contained-in" policy. Ecology understands that these specific soils do not designate under Federal characteristics (WAC 173-303-090) or State-only criteria (WAC 173-303-100).

Based on the data reviewed in the above mentioned report, Ecology has determined that the F002-listed waste soils beneath and 3.0 feet around the 6-foot by 9-foot concrete pad down to the 2.0-foot planned excavation depth (refer to Figure 1 of the November 18, 2004 report) shall be managed as F002-listed dangerous wastes in accordance with Chapter 173-303 WAC, and sent to a RCRA permitted dangerous waste treatment, storage and disposal facility (TSDF) for disposal within 90 days after these soils are excavated. This represents approximately 14 cubic yards of F002-listed dangerous waste-contaminated soils. In addition, the concrete pad contaminated with F002-listed dangerous wastes shall also be managed as a dangerous waste in accordance with Chapter 173-303 WAC and sent to a RCRA permitted dangerous waste TSDF for disposal¹.

The remaining soils, within the footprint of the former Barg French Cleaners property delineated by soil samples C-5, C-6, and C-7 down to the planned excavation depth of 2.0 feet contain F002-listed dangerous waste constituents at concentrations that do not warrant management as dangerous wastes², and Ecology will not require disposal of these soils as listed wastes at a RCRA permitted dangerous waste treatment, storage, and disposal (TSD) facility, provided ALL of the conditions below are implemented:

1. These specific perchloroethylene (PCE) contaminated soils shall be sent directly to and disposed at the Roosevelt Regional Landfill, per the recommendation of your environmental consultant, Parametrix. Please also be aware that local solid waste agencies have the authority to impose additional requirements on solid waste streams;

¹ Parametrix stated that the disposal option was preferred over additional chemical testing of soil and decontamination of the concrete pad.

² February 19, 1993, Ecology Contained-In Policy Memo

2. If these specific PCE contaminated soils are loaded directly into a truck or railcar, the delivery truck or railcar shall be plastic-lined, and during transport, all loads must be covered to prevent wind dispersion. During transport, all other adequate measures shall be taken to prevent spills and dispersion due to wind or rain erosion. Measures shall also be taken to prevent unauthorized contact with these soils at all times;
3. These specific PCE contaminated soils shall be placed directly in the landfill cell, and are not to be used for daily, intermediate, or final cover;
4. These specific PCE contaminated soils shall not be sent to any incinerator, thermal desorption unit, or recycling facility unless that facility is a RCRA Subtitle C permitted hazardous waste TSD facility; and
5. Forward copies of all bills of lading/weight (scale) tickets and signed solid waste landfill receipt records for these contaminated soils, *within 10 days of your receipt*, to the Ecology - Northwest Regional Office, Attention: Dean Yasuda.

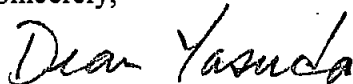
In addition, submit copies of the signed dangerous waste manifests for the approximately 14 cubic yards of F002-listed dangerous waste-contaminated soil, *within 10 days of your receipt*, to the Ecology - Northwest Regional Office, Attention: Dean Yasuda.

Please note that the contents of this letter are specific for the data submitted and reviewed. This written decision does not apply to any other environmental media or other sites. Furthermore, the intent of this letter is to address the procedures for disposal of excavated contaminated soils and concrete in accordance with the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC) only. Regulatory decisions regarding the applicable soil and groundwater cleanup levels and appropriate exposure pathways will be addressed by the Ecology Toxics Cleanup Program project manager assigned under the Voluntary Cleanup Program.

Be advised that failure to comply with the terms of this letter may result in the issuance of an administrative order and/or penalty as provided by the Revised Code of Washington, Sections 70.105.080 and/or .095 (Hazardous Waste Management Act).

If you have any questions regarding this letter, please feel free to contact me at (425) 649-7264 or by e-mail at dyas461@ecy.wa.gov.

Sincerely,



Dean Yasuda, P.E.

Environmental Engineer

Hazardous Waste and Toxics Reduction Program

DY:ct

cc: Mike Warfel, Parametrix
Julie Sellick, NWRO-HWTR
Kay Seiler, SWRO-HWTR
Lisa Brown, ERO-HWTR
Byung Maeng, NWRO-HWTR
Greg Caron, CRO-HWTR
Brian Sato, NWRO-TCP
WAD053813085 HZW 5.4.1

7003 1010 0005 0446 7118

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Sent To
MR JERRY EVERARD
 1925 3RD LLC
 300 EAST PINE
 SEATTLE WA 98122
 PS Form 3800, June 2002 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>C. Sammons</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>	<p>C. Date of Delivery</p>
<p>1. Article Addressed to: <i>Hw - Dean Yasuda</i></p> <p>MR JERRY EVERARD 1925 THIRD LLC 300 EAST PINE SEATTLE WA 98122</p>	<p>B. Received by (Printed Name) <i>C. SAMMONS</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>

2. Article Number (Transfer from service label) 7003 1010 0005 0446 7118

GROFF MURPHY TRACHTENBERG & EVERARD PLLC
LAWYERS
300 East Pine
Seattle, Washington 98122
(206) 628-9500 Fax: (206) 628-9506

**MULTIPLE-RECIPIENT
FAX COVER SHEET**

TO: Jeff Kray, Esq.
Marten Law Group LLC
Fax No. (206) 292-2601

FROM: Steve Parkinson

DATE: March 29, 2004

Steven J. Thiele
Attorney General of Washington
Fax No. (360) 586-6760

Brian S. Sato
Department of Ecology
Fax No. (425) 649-7098

RE: 1925 Third LLC / WA State Dept. of Ecology

THIS TRANSMITTAL CONTAINS 2 PAGES, INCLUDING THIS COVER PAGE

COMMENTS / SPECIAL INSTRUCTIONS:

Time Sent _____ **am/pm** **Operator:** _____

**DELIVER THE FOLLOWING MATERIAL AS SOON AS POSSIBLE.
PLEASE NOTIFY US IMMEDIATELY AT (206) 628-9500
IF NOT RECEIVED PROPERLY.**

The information contained in this facsimile message may be privileged and confidential information intended only for the use of the individual or entity named above. If you have received this communication in error, please notify us immediately and return the original message to us at the above address via the U.S. mail.

GROFF MURPHY
LAWYERS

Steve Parkinson

E-Mail: sparkinson@groffmurphy.com

March 29, 2004

Via Facsimile: (206) 292-2601

Jeff Kray, Esq.
Marten Law Group LLC
1191 Second Avenue, Suite 2200
Seattle, WA 98101

Re: 1925 Third LLC / WA State Dept. of Ecology

Dear Jeff:

We understand from your March 23, 2004 letter that you forwarded our letter to your client advising that 1925 Third LLC needed an executed settlement agreement and site access agreement by Friday, March 26, 2004 or we would have to proceed with the existing Cleanup Action Plan (CAP) under the Consent Decree. We have heard nothing from you or your client since receiving your letter.

This letter is to advise you that we have authorized our consultant to proceed with the CAP under the Consent Decree without the addition of any wells on the Minaglia property.

Very truly yours,

GROFF MURPHY TRACHTENBERG
& EVERARD, PLLC



Steve Parkinson

SP:ddd

cc: Steven J. Thiele
Brian Sato

GROFF MURPHY TRACHTENBERG & EVERARD PLLC

300 LAST PINE STREET SEATTLE WASHINGTON 98122

(206) 628-9500 www.groffmurphy.com (206) 628-9506 FACSIMILE

4636 E. Marginal Way S
Suite 215
Seattle, WA 98134
206.763.7364
Fax 206.763.4189



November 14, 2000

Mr. Dean Yasuda
Environmental Engineer, P.E.
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, Washington 98008-5452

Clayton Project No.75-00319.00

Subject: Request for Soil Disposal Variance For Cuttings Generated During the
September 2000 Drilling of Soil Vapor Extraction Points at the
Former Barg French Dry Cleaning Facility, 1929 3rd Avenue, Seattle, WA

Mr. Yasuda:

Per our November 13, 2000 telephone conversation, please find attached:

- A Table summarizing the September 2000 soil sampling results.
- A map showing the September 2000 sampling locations.
- The laboratory analytical reports for soil samples collected from the site during September 2000.
- The soil data tables from the 1999 Kleinfelder reports summarizing the lab data for additional samples collected at the site, as well as a map indicating the Kleinfelder sampling locations.

During September 2000, Clayton began installing a soil vapor extraction system (SVE) at the former Barg French Dry Cleaning Facility, 1929 3rd Avenue, Seattle, Washington. During installation of the SVE system, soil drums were generated while drilling the SVE points. It is Clayton's opinion that the data presented above are representative of soil concentrations detected in or near the source area for tetrachloroethylene (PCE) at the site, the former dry cleaner machine.

Mr. Dean Yasuda
Department of Ecology
November 14, 2000

Page 2
Clayton Project No. 75-00319.00

Historically, PCE soil concentrations detected at the site range from non-detect (ND) to 8.9 mg/kg, below the State of Washington Department of Ecology Model Toxics Control Act (MTCA) Cleanup Levels and Risk Calculations (CLARC II) Method B Cleanup Level of 19.6 mg/kg. Based on review of the soil analytical results, soil PCE concentrations at the facility do not exceed the MTCA CLARC II Method B Cleanup Level.

It is the Union Bank of California's opinion that the soil generated during September 2000 does not warrant management as dangerous waste. On behalf of the Union Bank of California, Clayton requests a 'contained-out' variance for the treatment and disposal of the soil drums.

Also, Clayton has proposed installing monitoring wells around the edge of groundwater plume to delineate the horizontal extent of PCE in the perched groundwater beneath the facility. Additional soil drums will be generated during future site activities that should contain lower PCE concentrations than those detected from samples collected near the source area. Clayton requests that these additional future soil drums also be included in the 'contained-out' variance. Clayton is aware that the variance may include a concentration limit, and if that limit is exceeded, the variance requested here may not cover the disposal of those materials.

If you have any questions or comments, please feel free to call me at (206) 763-7364.

Sincerely,



Greg Ferris, MS
Project Geologist
Environmental Services
Seattle Regional office

Attachments

Cc: Ms. Cynthia Wagner
Environmental Risk Management
Union Bank of California
500 South Main Street, #320
Orange, California 92868
(714) 565-5635 Fax (714) 565-5690

TABLE 1. SOIL SAMPLING RESULTS SUMMARY.

Union Bank of California - Barg French Dry Cleaners, 1929 3rd Avenue, Seattle, Washington.

				<u>Trichloroethene</u> (mg/kg)	<u>Tetrachloroethylene</u> (mg/kg)	<u>Methylene Chloride</u> (mg/kg)	<u>PID</u> (ppm)
				0.5	0.5	0.5	-
				90.9	19.6	-	-
<u>Vapor Point</u>	<u>Date</u>	<u>Sample ID</u>	<u>Depth</u>				
VP-1	09/12/00	VP1-091200-S1	10'	<0.010	0.045	<0.050	0
VP-2	09/12/00	VP2-091200-S1	10'	<0.010	0.033	<0.050	0
VP-2	09/12/00	VP2-091200-S2	19'	<0.010	<0.010	<0.050	0
VP-5	09/12/00	VP5-091200-S1	10'	<0.010	3.2	<0.050	45.2
VP-6	09/13/00	VP6-091300-S1	12'	<0.010	0.150	<0.020	0
VP-9	09/14/00	VP9-091400-S1	20'	<0.010	0.110	0.06*	0
VP-10	09/12/00	VP10-091200-S1	10'	<0.010	0.031	<0.050	0
VP-11	09/12/00	VP11-091200-S1	8'	<0.010	0.120	0.07*	1.1
VP-11	09/12/00	VP11-091200-S2	11'	<0.010	<0.010	0.025*	0
VP-12	09/12/00	VP12-091200-S1	10'	<0.010	0.230	0.02*	1.6
VP-13	09/12/00	VP13-091200-S1	7'	<0.010	0.035	<0.020	0
VP-15	09/13/00	VP15-091300-S1	7'	<0.010	0.067	<0.020	0

MTCA = Model Toxics Control Act

CLARC II = Cleanup Levels and Risk Calculations

mg/kg = milligrams per kilogram or parts per million (ppm)

ppm = parts per million

PID = photo-ionization detector

* = result likely due to laboratory contamination (see lab report)

Third Avenue

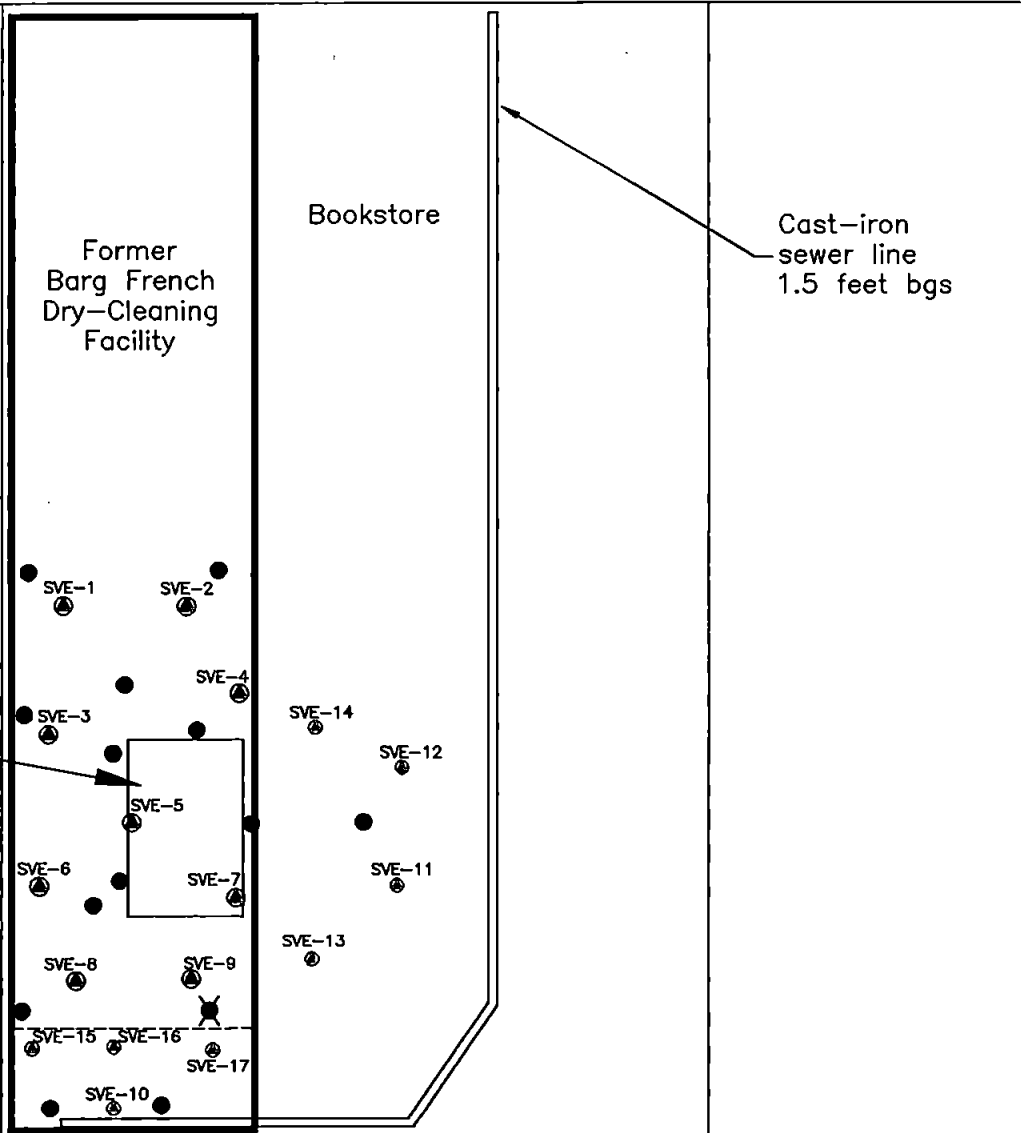
Bookstore

Former
Barg French
Dry-Cleaning
Facility

Cast-iron
sewer line
1.5 feet bgs

Parking
Garage

Location of
Former
Dry-Cleaning
Machine



Alley

LEGEND

- - Kleinfelder Boring
- ⊗ - Kleinfelder Monitoring Well
- ⊙ - Location of SVE Point



0 20
Approximate
Scale
In Feet

Estimated
direction of
groundwater
flow

Figure 1

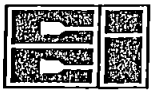
Sample Locations



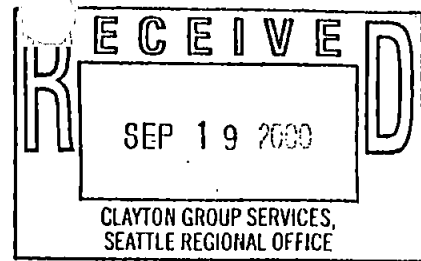
Barg French Dry Cleaning Facility
1929 Third Avenue
Seattle, Washington

Clayton Project 75-00319.00

Union Bank of California



CCI
ANALYTICAL
LABORATORIES, INC.



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 1
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP5-091100-S1 9/11/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/12/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<50)	UG/KG		9/12/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/12/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/12/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/12/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/12/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

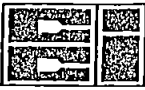
DATE: 9/15/00
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CCIL SAMPLE #: 1
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP5-091100-S1 9/11/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	3200	UG/KG		9/13/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/12/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/12/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/12/00	RAL



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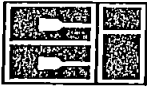
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CLIENT PROJECT ID: 75-00319.00
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TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

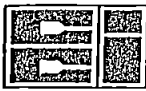
DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 2
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP1-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	45	UG/KG		9/13/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/13/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

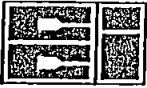
DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 3
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP2-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

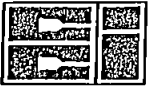
DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 3
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP2-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	33	UG/KG		9/13/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/13/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 3
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP2-091200-S1 9/12/00

DATA RESULTS

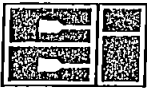
ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
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* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

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

*** ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: CPH



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

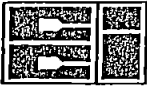
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DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP2-091200-S2 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

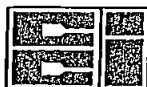
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CCIL JOB #: 009037
CCIL SAMPLE #: 4
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP2-091200-S2 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/13/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

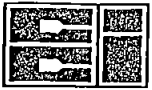
DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 5
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP10-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

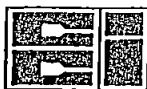
DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 5
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP10-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	31	UG/KG		9/13/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/13/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,4 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

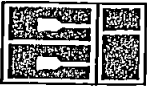
DATE: 9/15/00
CCIL JOB #: 009037
CCIL SAMPLE #: 6
DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP11-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	120	UG/KG		9/13/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/13/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/13/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/13/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/15/00
CCIL JOB #: 009037

DATE RECEIVED: 9/12/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

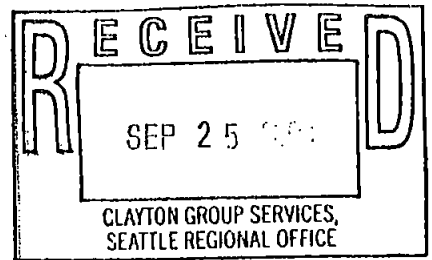
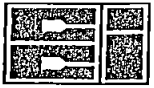
CLIENT PROJECT ID: 75-00319.00

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	METHOD	SUR ID	% RECV
009037-01	EPA-8260A	1,2-DCE-d4	104
009037-01	EPA-8260A	TOLUENE-d8	91
009037-01	EPA-8260A	4-BFB	89
009037-01 TETRACHLOROETHYLENE ONLY	EPA-8260A	1,2-DCE-d4	105
009037-01 TETRACHLOROETHYLENE ONLY	EPA-8260A	TOLUENE-d8	100
009037-01 TETRACHLOROETHYLENE ONLY	EPA-8260A	4-BFB	104
009037-02	EPA-8260A	1,2-DCE-d4	86
009037-02	EPA-8260A	TOLUENE-d8	86
009037-02	EPA-8260A	4-BFB	85
009037-03	EPA-8260A	1,2-DCE-d4	99
009037-03	EPA-8260A	TOLUENE-d8	100
009037-03	EPA-8260A	4-BFB	101
009037-04	EPA-8260A	1,2-DCE-d4	100
009037-04	EPA-8260A	TOLUENE-d8	95
009037-01	EPA-8260A	4-BFB	85
009037-05	EPA-8260A	1,2-DCE-d4	109
009037-05	EPA-8260A	TOLUENE-d8	99
009037-05	EPA-8260A	4-BFB	95
009037-06	EPA-8260A	1,2-DCE-d4	101
009037-06	EPA-8260A	TOLUENE-d8	102
009037-06	EPA-8260A	4-BFB	96

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

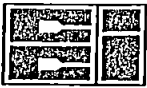
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 1
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP11-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROFUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
METHYLENE CHLORIDE	EPA-8260A	25 ****	UG/KG		9/18/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 1
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP11-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

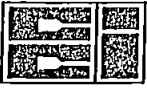
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 2
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP12-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROFUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
METHYLENE CHLORIDE	EPA-8260A	20 ****	UG/KG		9/18/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

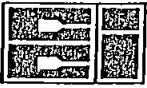
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 2
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP12-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	230	UG/KG		9/18/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 2
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP12-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
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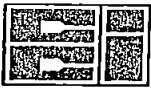
* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

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

*** ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

**** METHYLENE CHLORIDE RESULT DUE TO LABORATORY CONTAMINATION

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

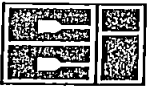
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CCIL JOB #: 009044
CCIL SAMPLE #: 3
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP13-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

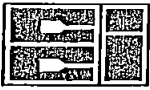
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 3
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP13-091200-S1 9/12/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	35	UG/KG		9/18/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

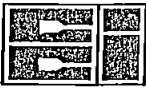
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CCIL JOB #: 009044
CCIL SAMPLE #: 4
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP6-091300-S1 9/13/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

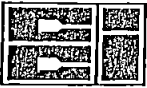
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 4
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP6-091300-S1 9/13/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	150	UG/KG		9/18/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

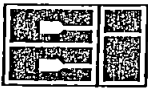
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 5
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP15-091300-S1 9/13/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
METHYLENE CHLORIDE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

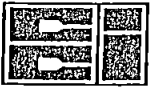
DATE: 9/19/00
CCIL JOB #: 009044
CCIL SAMPLE #: 5
DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP15-091300-S1 9/13/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TETRACHLOROETHYLENE	EPA-8260A	67	UG/KG		9/18/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/18/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/18/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/18/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/19/00
CCIL JOB #: 009044

DATE RECEIVED: 9/13/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MARCEL KHOUW

CLIENT PROJECT ID: 75-00319.00

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	METHOD	SUR ID	% RECV
009044-01	EPA-8260A	1,2-DCE-d4	103
009044-01	EPA-8260A	4-BFB	104
009044-02	EPA-8260A	1,2-DCE-d4	102
009044-02	EPA-8260A	4-BFB	88
009044-03	EPA-8260A	1,2-DCE-d4	104
009044-03	EPA-8260A	4-BFB	99
009044-04	EPA-8260A	1,2-DCE-d4	79
009044-04	EPA-8260A	4-BFB	93
009044-05	EPA-8260A	1,2-DCE-d4	104
009044-05	EPA-8260A	4-BFB	95

APPROVED BY: 



3229 Pine Street
 Everett, WA 98201
 Phone (425) 252-2620
 (206) 292-9059 Seattle
 (425) 259-6289 Fax

Chain Of Custody/ Laboratory Analysis Request

CCI Job# _____ (Laboratory Use Only)

Date _____ Page _____ Of _____

PROJECT ID: 75-00319.00
 REPORT TO COMPANY: CLAYTON
 PROJECT MANAGER: MARCEL KHOUW
 ADDRESS: 4636 E. Marginal Wy S, #215
Seattle 98163
 PHONE: (206) 763-7364 FAX: (206) 763-4189
 INVOICE TO COMPANY:
 ATTENTION:
 ADDRESS:

ANALYSIS REQUESTED OTHER (Specify)

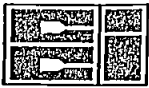
RO. NUMBER	SAMPLE I.D.	DATE	TIME	TYPE	LAB#	ANALYSIS REQUESTED														NUMBER OF CONTAINERS	RECEIVED IN G _____ CONDITION?							
						NWTPH-GX	BTEX	NWTPH-DX	NWTPH-HCID	EPA 8021 <input type="checkbox"/> 602 <input type="checkbox"/>	EPA 8010 <input type="checkbox"/> 601 <input type="checkbox"/>	EPA 8260 <input checked="" type="checkbox"/> 624 <input type="checkbox"/>	EPA 8270 <input type="checkbox"/> 625 <input type="checkbox"/>	EPA 8081/8082 <input type="checkbox"/> 6081 <input type="checkbox"/> PCB only <input type="checkbox"/> 6082 <input type="checkbox"/> Pest only <input type="checkbox"/>	Metals Priority Pollutant <input type="checkbox"/>	RCRA <input type="checkbox"/>	TAL <input type="checkbox"/>	Metals Other (Specify)	PCB <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herbs <input type="checkbox"/>									
	1. <u>VP11-091200-S1</u>	<u>9/12/00</u>		<u>Soil</u>																								
	2. <u>VP12-091200-S1</u>	<u>"</u>		<u>"</u>																								
	3. <u>VP13-091200-S1</u>	<u>"</u>		<u>"</u>																								
	4. <u>VP6-091300-S1</u>	<u>9/13/00</u>		<u>"</u>																								
	5. <u>VP15-091300-S1</u>	<u>"</u>		<u>"</u>																								
	6.																											
	7.																											
	8.																											
	9.																											
	10.																											

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
 1. Relinquished By: [Signature] 9.13.00 1350
 Received By: CCIL 9.13.00 1350
 2. Relinquished By: _____
 Received By: _____

TURNAROUND REQUESTED in Business Days*
 Organic, Metals & Inorganic Analysis
 Standard 5 3 2 1 SAME DAY
 Fuels & Hydrocarbon Analysis
 Standard 5 3 1 SAME DAY
 OTHER: _____
 Specify: _____

* Turnaround request less than standard may incur Rush Charges



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

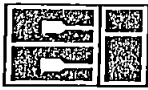
DATE: 9/29/00
CCIL JOB #: 009071
CCIL SAMPLE #: 1
DATE RECEIVED: 9/20/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: GREG FERRIS

CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP9-91400-S1 9/14/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
CHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
VINYL CHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
BROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
CHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
TRICHLOROFLUOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
ACETONE	EPA-8260A	ND(<150)	UG/KG		9/26/00	RAL
1,1-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
METHYLENE CHLORIDE	EPA-8260A	60 ****	UG/KG		9/26/00	RAL
ACRYLONITRILE	EPA-8260A	ND(<50)	UG/KG		9/26/00	RAL
METHYL T-BUTYL ETHER	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
TRANS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,1-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
2-BUTANONE	EPA-8260A	ND(<50)	UG/KG		9/26/00	RAL
CIS-1,2-DICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
2,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
BROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
CHLOROFORM	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,1,1-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,1-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
CARBON TETRACHLORIDE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2-DICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
BENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
TRICHLOROETHENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
DIBROMOMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
BROMODICHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
TRANS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
4-METHYL-2-PENTANONE	EPA-8260A	ND(<50)	UG/KG		9/26/00	RAL
TOLUENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
CIS-1,3-DICHLOROPROPENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,1,2-TRICHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
2-HEXANONE	EPA-8260A	ND(<50)	UG/KG		9/26/00	RAL
1,3-DICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
TETRACHLOROETHYLENE	EPA-8260A	110	UG/KG		9/26/00	RAL
DIBROMOCHLOROMETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/29/00
CCIL JOB #: 009071
CCIL SAMPLE #: 1
DATE RECEIVED: 9/20/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: GREG FERRIS

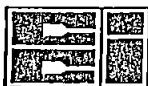
CLIENT PROJECT ID: 75-00319.00
CLIENT SAMPLE ID: VP9-91400-S1 9/14/00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
1,2-DIBROMOETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
CHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,1,1,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
ETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
M+P XYLENE	EPA-8260A	ND(<20)	UG/KG		9/26/00	RAL
STYRENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
O-XYLENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
BROMOFORM	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
ISOPROPYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,1,2,2-TETRACHLOROETHANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2,3-TRICHLOROPROPANE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
BROMOBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
N-PROPYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
2-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,3,5-TRIMETHYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
4-CHLOROTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
T-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2,4-TRIMETHYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
S-BUTYL BENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
P-ISOPROPYLTOLUENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,3 DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,4-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
N-BUTYLBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2-DICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260A	ND(<50)	UG/KG		9/26/00	RAL
1,2,4-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
HEXACHLORO1,3-BUTADIENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
NAPHTHALENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL
1,2,3-TRICHLOROBENZENE	EPA-8260A	ND(<10)	UG/KG		9/26/00	RAL

*"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



CERTIFICATE OF ANALYSIS

CLIENT: CLAYTON ENVIRONMENTAL
4636 E. MARGINAL WAY S. #215
SEATTLE, WA 98134

DATE: 9/29/00
CCIL JOB #: 009071

DATE RECEIVED: 9/20/00
WDOE ACCREDITATION #: C142

CLIENT CONTACT: GREG FERRIS

CLIENT PROJECT ID: 75-00319.00

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

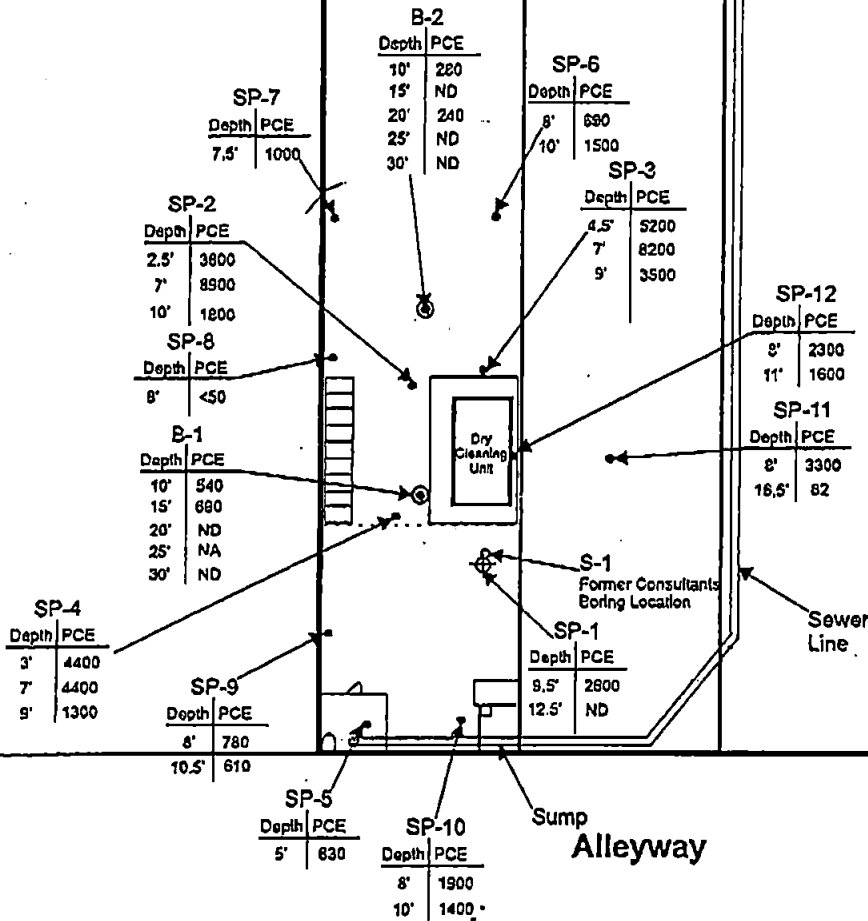
CCIL SAMPLE ID	METHOD	SUR ID	% RECV
009071-01	EPA-8260A	1,2-DCE-d4	77
009071-01	EPA-8260A	TOLUENE-d8	96
009071-01	EPA-8260A	4-BFB	79
009071-02	EPA-8260A	1,2-DCE-d4	98
009071-02	EPA-8260A	TOLUENE-d8	96
009071-02	EPA-8260A	4-BFB	98
009071-03 (9/24/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	113
009071-03 (9/24/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	96
009071-03 (9/24/00 ANALYSIS)	EPA-8260A	4-BFB	100
009071-03 (9/25/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	103
009071-03 (9/25/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	94
009071-03 (9/25/00 ANALYSIS)	EPA-8260A	4-BFB	101
009071-04 (9/24/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	115
009071-04 (9/24/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	96
009071-04 (9/24/00 ANALYSIS)	EPA-8260A	4-BFB	100
009071-04 (9/26/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	90
009071-04 (9/26/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	102
009071-04 (9/26/00 ANALYSIS)	EPA-8260A	4-BFB	98
009071-05 (9/24/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	109
009071-05 (9/24/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	104
009071-05 (9/24/00 ANALYSIS)	EPA-8260A	4-BFB	102
009071-05 (9/25/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	98
009071-05 (9/25/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	99
009071-05 (9/25/00 ANALYSIS)	EPA-8260A	4-BFB	105
009071-06 (9/24/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	115
009071-06 (9/24/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	99
009071-06 (9/24/00 ANALYSIS)	EPA-8260A	4-BFB	106
009071-06 (9/25/00 ANALYSIS)	EPA-8260A	1,2-DCE-d4	99
009071-06 (9/25/00 ANALYSIS)	EPA-8260A	TOLUENE-d8	98
009071-06 (9/25/00 ANALYSIS)	EPA-8260A	4-BFB	102

3rd Ave.

2-Story
Parking
Structure

Dry Cleaning Facility Service Counter

6-Story
Office
Building



Legend

- PCE = Perchloroethylene (ppb)
- ppb = parts per billion (or ug/kg)
- S-1 = Hand Auger by Webster, Inc. June, 1999
- SP-6 = Soil Boring by Kleinfelder Inc. October, 1999
- = Boring Location
- ⊕ = Monitoring Well Location
- ⊗ = Secondary Sample Location

0 20
Approximate Scale
In Feet



PROJECT NO. 60-1996-02 December, 1999

Soil Sample Locations
Barg French Dry - Cleaning Facility
1929 3rd Ave
Seattle, Washington

FIGURE
4

TABLE 1

SUMMARY OF PREVIOUS SOIL SAMPLE ANALYTICAL RESULTS
THE BARG FRENCH DRY-CLEANING FACILITY

SAMPLE ID	DEPTH (feet bgs)	PID Reading	PCE (ug/kg)
SP-1	9 ½	ND	2,600
SP-1	12 ½	ND	<50
SP-2	2 ½	ND	3,800
SP-2	7	500	8,900
SP-2	10	TRACE	1,800
SP-3	4 ½	ND	5,200
SP-3	9	ND	3,500
SP-4	3	300	4,400
SP-4	7	80	4,400
SP-4	9	ND	1,300
SP-5	5	ND	630
SP-6	8	200	690
SP-6	10	ND	1,500
SP-7	7 ½	36	1,000
SP-8	8	15	<50
SP-9	8	38	780
SP-9	10½	23	610
SP-10	8	10	1,900
SP-10	10	6	1,400
SP-11	8	80	3,300
SP-11	16½	ND	82
SP-12	8	97	2,300
SP-12	11	ND	1,600
MTCA Method A Cleanup Level	NA	NA	500
MTCA Method B Cleanup Level	NA	NA	19,600

Notes: The Sample ID consists of the boring designation with the depth of a sample.
PCE = perchlorethylene
Ppb = parts per billion (equivalent to ug/kg)
<50 = PCE was not found at a concentration exceeding the reporting limit shown.
ND = Not Detected
NA = Not Applicable

TABLE 2

**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
THE BARG FRENCH DRY-CLEANING FACILITY**

SAMPLE ID	DEPTH (feet bgs)	PID Reading	PCE (ug/kg)
B-1-1	5	56	NA
B-1-2	10	45	540
B-1-3	15	47	690
B-1-4	20	ND	<50
B-1-5	25 (No Recovery)	NA	NA
B-1-5	30	ND	<50
B-2-1	5	5	NA
B-2-2	10	7	280
B-2-3	15	3	<50
B-2-4	20	ND	240
B-2-5	25	ND	<50
B-2-6	30	ND	<50
MTCA Method A Cleanup Level	NA	NA	500
MTCA Method B Cleanup Level	NA	NA	19,600

Notes: ND = Not Detected
 NA = Not Applicable
 PCE = perchlorethylene
 Ppb = parts per billion (equivalent to ug/kg)
 <50 = PCE was not found at a concentration exceeding the reporting limit shown.



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000

November 9, 2000

CERTIFIED MAIL

7000 0520 0021 6764 6808

Ms. Cindy Wagner
Havers Trust
1929 3rd Avenue South
Seattle, WA 98101

Dear Ms Wagner:

RE: DISPOSAL OF SOILS CONTAMINATED WITH F002 LISTED DANGEROUS WASTE CONSTITUENTS

The Department of Ecology (Ecology) has received and reviewed the cover letter and supporting analytical data dated October 30, 2000, from your environmental consultant, Kleinfelder. This information is in regard to investigative-derived soil contaminated with F002-listed dangerous waste constituents which were generated at the Former Barg French Dry Cleaning facility, located at 1929 3rd Avenue South, Seattle, Washington.

The analytical data were submitted to Ecology to determine if the contaminated soils described above should be managed as listed dangerous wastes in accordance with the principles of the "contained-in" policy.

Ecology believes that the four 55-gallon drums of soil cuttings represented by volatile organic analyses of discrete soil samples obtained from soil borings B-1 and B-2 contain listed dangerous waste constituents at concentrations that DO NOT warrant management as dangerous wastes. Ecology understands that these specific soils do not designate under Federal characteristics (WAC 173-303-090) or State-only criteria (WAC 173-303-100). Therefore Ecology will not require disposal of these soils as listed wastes at a permitted dangerous waste treatment, storage, and disposal (TSD) facility provided that these soils are:

1. Disposed of in a solid waste facility which is regulated under Chapter 173-351 WAC (Criteria for Municipal Solid Waste Landfills) within the State of Washington, or
2. Disposed of in a solid waste facility which is regulated under RCRA Subtitle D outside the State of Washington.

Ms Wagner
 November 9, 2000
 Page 2

Please note that this contained-out determination is specific for the contaminated soils for which data were submitted and reviewed. In addition, this written decision does not apply to any other soils or other sites. Please also be aware that local solid waste agencies have the authority to impose additional requirements on solid waste streams.

If you have any questions regarding this contained-out determination or this letter, please feel free to contact me at (425) 649-7264 or by e-mail at dyas461@ecy.wa.gov.

Sincerely,

Dean Yasuda

Dean Yasuda
 Environmental Engineer, P.E.
 Hazardous Waste and Toxics Reduction Program

DY:dh

cc: John Lillie, Kleinfelder
 Byung Maeng, NWRO-HWTR
 HZW 5.4.1

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	

Postmark Here

MS CINDY WAGNER
 HAVERS TRUST
 1929 3RD AVENUE SOUTH
 SEATTLE WA 98101

PS Form 3800, February 2000 See Reverse for Instructions

7089 4929 1200 0250 0002

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		A. Received by (Please Print Clearly) _____ B. Date of Delivery <u>12/15/00</u>	
1. Article Addressed to: MS CINDY WAGNER UNION BANK 500 SO MAIN ST SUITE 370 ORANGE CA 92868		C. Signature <u>[Signature]</u> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
2. Article Number (Copy from service label) 7000 0520 0021 6764 6808		D. Is delivery address different from item 1? If YES, enter delivery address below: <u>PO Box 1057</u> <u>Orange, CA 92853</u>	
3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.		Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, July 1999		Domestic Return Receipt 102595-99-M-1789	

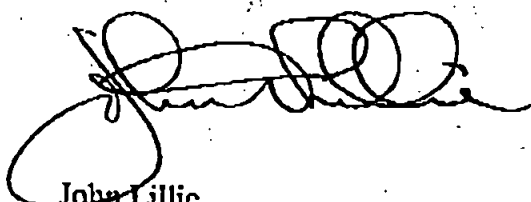
KLEINFELDER MEMORANDUM

TO: Dean Yasuda - Washington Department of Ecology NWRO Hazardous Waste
FROM: John Lillic - Kleinfelder
DATE: 10/25/00
SUBJECT: PCE in soil

Dean,

We have some drilling and Geoprobe cuttings in sealed 55-gallon drums at a former dry cleaner site in Seattle. I have attached the analytical data for the samples collected from the borings at the time of the site investigation. I believe that data represent a worst case scenario for PCE concentrations of the soil, as the drums also contain cuttings from the borings that were not impacted by PCE. Could you review the data and give me a determination as to whether this classifies or not. We would like to properly dispose of the soil at the RABANCO regional landfill in Rosevelt, WA.

Thank you for your time and attention to this matter.



John Lillic
Senior Project Manager

TABLE 1

**SUMMARY OF PREVIOUS SOIL SAMPLE ANALYTICAL RESULTS
THE BARG FRENCH DRY-CLEANING FACILITY**

SAMPLE ID	DEPTH (feet bgs)	PID Reading	PCE (ug/kg)
SP-1	9 ½	ND	2,600
SP-1	12 ½	ND	<50
SP-2	2 ½	ND	3,800
SP-2	7	500	8,900
SP-2	10	TRACE	1,800
SP-3	4 ½	ND	5,200
SP-3	9	ND	3,500
SP-4	3	300	4,400
SP-4	7	80	4,400
SP-4	9	ND	1,300
SP-5	5	ND	630
SP-6	8	200	690
SP-6	10	ND	1,500
SP-7	7 ½	36	1,000
SP-8	8	15	<50
SP-9	8	38	780
SP-9	10 ½	23	610
SP-10	8	10	1,900
SP-10	10	6	1,400
SP-11	8	80	3,300
SP-11	16 ½	ND	82
SP-12	8	97	2,300
SP-12	11	ND	1,600
MTCA Method A Cleanup Level	NA	NA	500
MTCA Method B Cleanup Level	NA	NA	19,600

Notes: The Sample ID consists of the boring designation with the depth of a sample.
PCE = perchlorethylenc
Ppb = parts per billion (equivalent to ug/kg)
<50 = PCE was not found at a concentration exceeding the reporting limit shown.
ND = Not Detected
NA = Not Applicable

TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
THE BARG FRENCH DRY-CLEANING FACILITY

SAMPLE ID	DEPTH (feet bgs)	PID Reading	PCE (ug/kg)
B-1-1	5	56	NA
B-1-2	10	45	540
B-1-3	15	47	690
B-1-4	20	ND	<50
B-1-5	25	NA	NA
	(No Recovery)		
B-1-5	30	ND	<50
B-2-1	5	5	NA
B-2-2	10	7	280
B-2-3	15	3	<50
B-2-4	20	ND	240
B-2-5	25	ND	<50
B-2-6	30	ND	<50
MTCA Method A Cleanup Level	NA	NA	500
MTCA Method B Cleanup Level	NA	NA	19,600

Notes: ND = Not Detected
 NA = Not Applicable
 PCE = perchlorethylene
 Ppb = parts per billion (equivalent to ug/kg)
 <50 = PCE was not found at a concentration exceeding the reporting limit shown.

October 30, 2000
Kleinfelder File Number 60-1996-02

Mr. Dean Yasuda
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

**Subject: Request for Soil Cuttings Disposal
Property Owner: The Havers Trust
Former Barg French Dry Cleaning Facility
1929 3rd Avenue
Seattle, Washington**

Dear Dean:

Pursuant to our recent telephone conversation, please find attached a copy of the analytical results and other pertinent information you requested. Residual levels PCE were detected at several sampling depths between 10 and 20 feet bgs. The shallow soils (0 to 10 feet bgs) and deeper soils (20 to 30 feet bgs) revealed non-detectable levels of PCE (Table 1). Consequently, we believe the PCE levels associated with the soil cuttings are significantly less than levels reported on Table 1. A copy of the analytical results and chain-of-custody forms are attached for your review.

We trust this information meets your current requirements. We would like to remove the soil cuttings from the site as soon as possible to a local treatment/disposal facility. Please do not hesitate to contact us if you have any questions or require additional information.

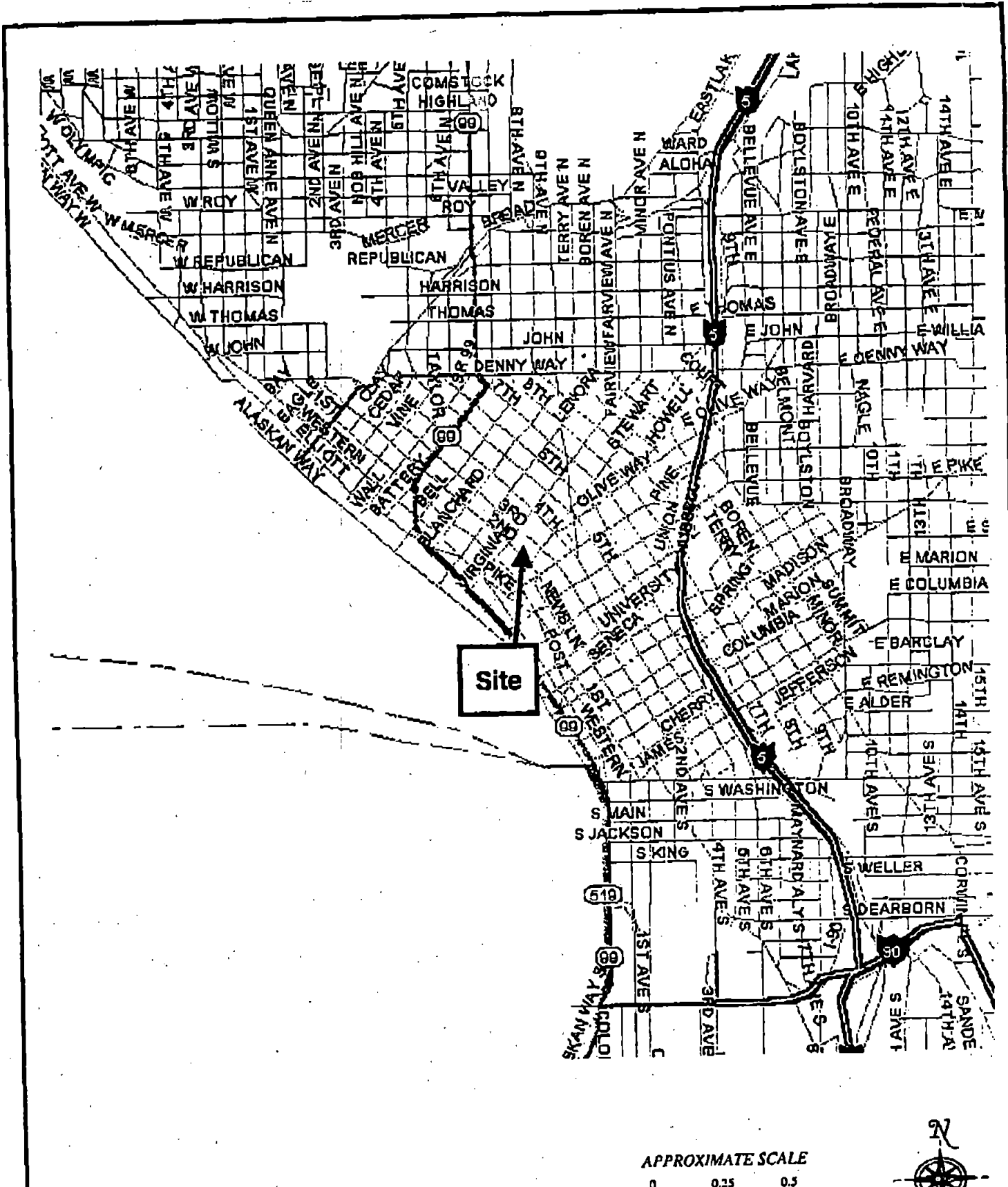
Sincerely,

KLEINFELDER, INC.

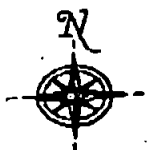
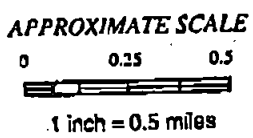


John Dillie
Project Manager

Table 1 Summary of Analytical Results
Attachment Copy of Laboratory Analytical Report and COC



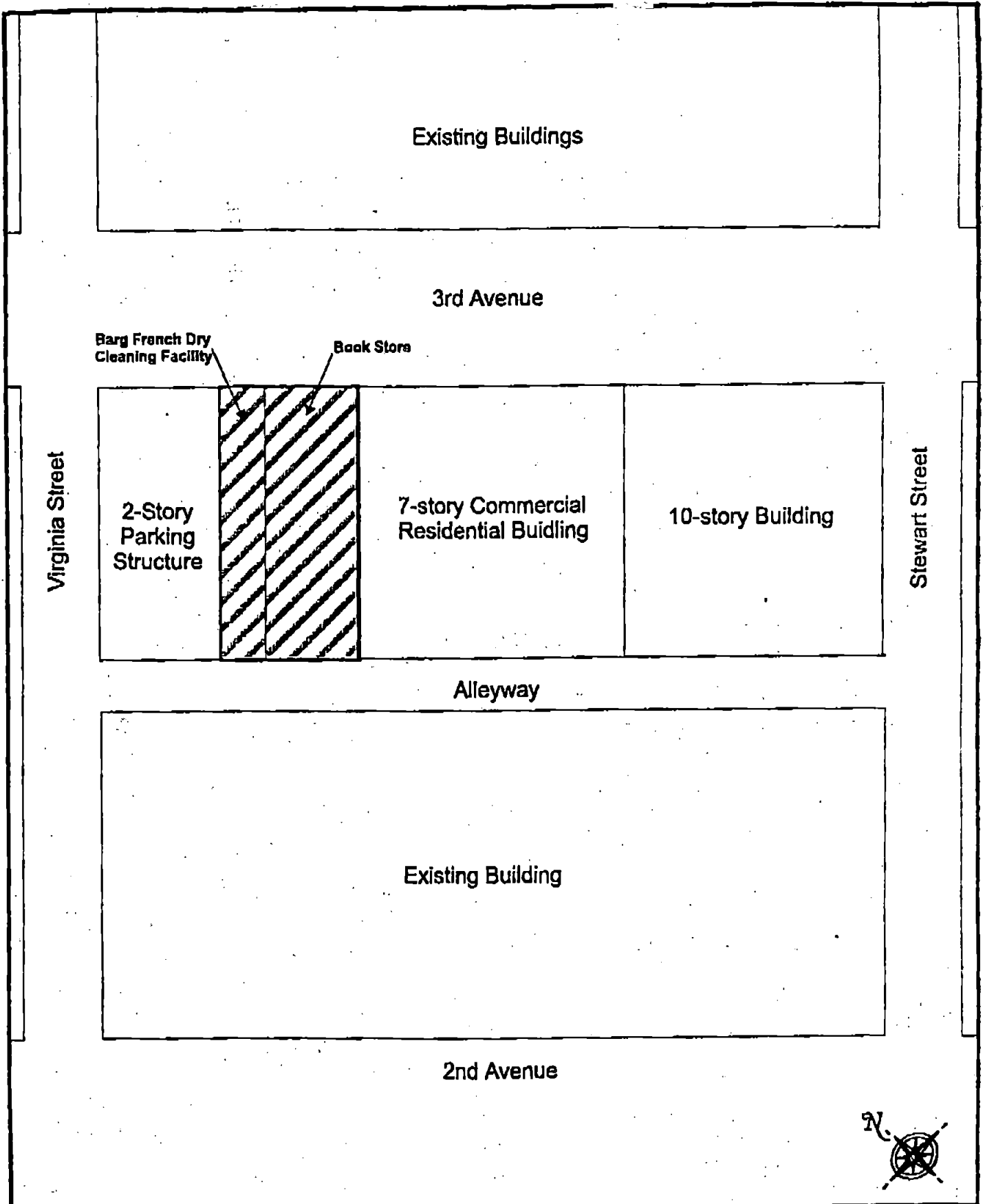
Reference: Delorme Street Atlas USA Version 4.0



KLEINFELDER

Site Location Map
Barg French Dry - Cleaning Facility
 1929 3rd Ave
 Seattle, Washington

FIGURE
 1



KLEINFELDER

Plot Plan
Barg French Dry - Cleaning Facility
1929 3rd Ave
Seattle, Washington

FIGURE

2

TABLE 1

**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
THE BARG FRENCH DRY-CLEANING FACILITY**

SAMPLE ID	DEPTH (feet bgs)	PID Reading	PCE (ug/kg)
B-1-1	5	56	NA
B-1-2	10	45	540
B-1-3	15	47	690
B-1-4	20	ND	<50
B-1-5	25	NA	NA
	(No Recovery)		
B-1-5	30	ND	<50
B-2-1	5	5	NA
B-2-2	10	7	280
B-2-3	15	3	<50
B-2-4	20	ND	240
B-2-5	25	ND	<50
B-2-6	30	ND	<50
MICA Method A Cleanup Level	NA	NA	500
MICA Method B Cleanup Level	NA	NA	19,600

Notes: ND = Not Detected
 NA = Not Applicable
 PCE = perchlorethylene
 ppb = parts per billion (equivalent to ug/kg)
 <50 = PCE was not found at a concentration exceeding the reporting limit shown.

ATTACHMENT A
Laboratory Analytical Reports and Chain of Custody Forms

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.

800 Sleater-Kinney SE, PMB #262
Lacey, Washington 98503-1127

Mobile Environmental Laboratories
Environmental Sampling Services

Telephone: 360-459-4670
Fax: 360-459-3432

November 23, 1999

Dennis O'Neill
Kleinfelder
2405 140th Ave. NE, #A101
Bellevue, WA 98005-1877

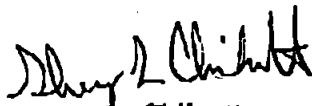
Dear Mr. O'Neill:

Please find enclosed the analytical data report for The Bany Dry Cleaner Project in Washington State. Soil samples were analyzed for Specific Halogenated Hydrocarbons and BTEX by Method 8021B on November 16 & 19, 1999.

The results of these analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed.

TEG Northwest appreciates the opportunity to have provided analytical services to Kleinfelder for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,


Sherry L. Chilcutt
Vice President

QA/QC FOR ANALYTICAL METHODS

GENERAL

The TEG Northwest Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/-accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at 4° C.

ANALYTICAL METHODS

TEG Northwest Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

Purgeable Volatile Halocarbons (Chlorinated Hydrocarbons, EPA 601/8021B)

A calibration standard is run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

TEG NW SEATTLE CHEMISTRY LABORATORY
(425) 957-9872, fax (425) 957-9904

TEG Job Number: S91115-2
Client: Kleinfelder
Client Job Name: The Bary Dry Cleaner
Client Job Number: 80-1995-03

Analytical Results

80218, µg/kg	MTH BLK		LCS	B-1-2	B-1-3	B-1-4	B-1-5	B-2-2
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting		11/18/99	11/18/99	11/16/99	11/16/99	11/16/99	11/16/99
Date analyzed	Limits		11/16/99	11/18/99	11/16/99	11/16/99	11/16/99	11/16/99
Moisture, %				23%	22%	20%	18%	20%
Chloromethane	250	nd		nd	nd	nd	nd	nd
Bromomethane	250	nd		nd	nd	nd	nd	nd
Vinyl chloride	250	nd		nd	nd	nd	nd	nd
Chloroethane	250	nd		nd	nd	nd	nd	nd
cis-1,2-Dichloroethane	250	nd		nd	nd	nd	nd	nd
1,1-Dichloroethane	250	nd	102%	nd	nd	nd	nd	nd
Methylene Chloride	250	nd		nd	nd	nd	nd	nd
trans-1,2-Dichloroethane	250	nd		nd	nd	nd	nd	nd
1,1-Dichloroethane	250	nd		nd	nd	nd	nd	nd
Chloroform	50	nd		nd	nd	nd	nd	nd
1,1,1-Trichloroethane	50	nd		nd	nd	nd	nd	nd
Carbon tetrachloride	50	nd		nd	nd	nd	nd	nd
1,2-Dichloroethane	250	nd		nd	nd	nd	nd	nd
Trichloroethane	50	nd	108%	nd	nd	nd	nd	nd
1,2-Dichloropropane	250	nd		nd	nd	nd	nd	nd
Bromodichloromethane	250	nd		nd	nd	nd	nd	nd
cis-1,3-Dichloropropane	250	nd		nd	nd	nd	nd	nd
trans-1,3-Dichloropropane	250	nd		nd	nd	nd	nd	nd
Chlorobenzene	250	nd	125%	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	50	nd		nd	nd	nd	nd	nd
Tetrachloroethane	50	nd		540	690	nd	nd	280
Dibromochloromethane	250	nd		nd	nd	nd	nd	nd
Bromoform	250	nd		nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	250	nd		nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	250	nd		nd	nd	nd	nd	nd
Bromobenzene	250	nd		nd	nd	nd	nd	nd
1,2,3-Trichloropropane	250	nd		nd	nd	nd	nd	nd
Dibromomethane	250	nd		nd	nd	nd	nd	nd
m-Dichlorobenzene	50	nd		nd	nd	nd	nd	nd
p-Dichlorobenzene	50	nd		nd	nd	nd	nd	nd
o-Dichlorobenzene	50	nd		nd	nd	nd	nd	nd
Benzene	50	nd	108%	nd	nd	nd	nd	nd
Toluene	50	nd	106%	nd	nd	nd	nd	nd
Ethylbenzene	50	nd		nd	nd	nd	nd	nd
Xylenes	50	nd		nd	nd	nd	nd	nd

Surrogate recoveries:

Bromochloromethane	111%	109%	116%	113%	117%	118%	116%
1,4-Dichlorobutane	105%	106%	110%	108%	109%	111%	109%
Bromochloropropane	106%	108%	113%	107%	114%	112%	113%
Trifluorotoluene	94%	115%	97%	95%	95%	97%	93%
Bromofluorobenzene	96%	96%	94%	92%	81%	93%	89%

Data Qualifiers and Analytical Comments

- nd - not detected at listed reporting limits
- na - not analyzed
- C - co-elution with sample peaks
- M - matrix interference
- J - estimated value

Results reported on dry-weight basis
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

TEG NW SEATTLE CHEMISTRY LABORATORY
(425) 957-9872, fax (425) 857-9904

TEG Job Number: S91115-2
Client: Kleinfelder
Client Job Name: The Bany Dry Cleaner
Client Job Number: 60-1998-03

Analytical Results	Dupl							
		B-2-3	B-2-4	B-2-6	MTH BLK	LCS	B-2-5	B-2-5
8021B, µg/kg	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Matrix	Reporting	11/16/99	11/16/99	11/16/99	11/19/99	11/19/99	11/19/99	11/19/99
Date extracted	Limits	11/16/99	11/16/99	11/16/99	11/19/99	11/19/99	11/19/99	11/19/99
Date analyzed								
Moisture, %		18%	22%	26%			24%	24%
Chloromethane	250	nd	nd	nd	nd		nd	nd
Bromomethane	250	nd	nd	nd	nd		nd	nd
Vinyl chloride	250	nd	nd	nd	nd		nd	nd
Chloroethane	250	nd	nd	nd	nd	80%	nd	nd
cis-1,2-Dichloroethane	250	nd	nd	nd	nd		nd	nd
1,1-Dichloroethane	250	nd	nd	nd	nd		nd	nd
Methylene Chloride	250	nd	nd	nd	nd		nd	nd
trans-1,2-Dichloroethane	250	nd	nd	nd	nd		nd	nd
1,1-Dichloroethane	250	nd	nd	nd	nd		nd	nd
Chloroform	50	nd	nd	nd	nd		nd	nd
1,1,1-Trichloroethane	50	nd	nd	nd	nd		nd	nd
Carbon tetrachloride	50	nd	nd	nd	nd	103%	nd	nd
1,2-Dichloroethane	250	nd	nd	nd	nd		nd	nd
Trichloroethane	50	nd	nd	nd	nd		nd	nd
1,2-Dichloropropane	250	nd	nd	nd	nd		nd	nd
Bromodichloromethane	250	nd	nd	nd	nd		nd	nd
cis-1,3-Dichloropropane	250	nd	nd	nd	nd	116%	nd	nd
trans-1,3-Dichloropropane	250	nd	nd	nd	nd		nd	nd
Chlorobenzene	250	nd	nd	nd	nd		nd	nd
1,1,2-Trichloroethane	50	nd	nd	nd	nd		nd	nd
Tetrachloroethane	50	nd	240	nd	nd		nd	nd
Dibromochloromethane	250	nd	nd	nd	nd		nd	nd
Bromoform	250	nd	nd	nd	nd		nd	nd
1,1,2,2-Tetrachloroethane	250	nd	nd	nd	nd		nd	nd
1,1,1,2-Tetrachloroethane	250	nd	nd	nd	nd		nd	nd
Bromobenzene	250	nd	nd	nd	nd		nd	nd
1,2,3-Trichloropropane	250	nd	nd	nd	nd		nd	nd
Dibromomethane	250	nd	nd	nd	nd		nd	nd
m-Dichlorobenzene	50	nd	nd	nd	nd		nd	nd
p-Dichlorobenzene	50	nd	nd	nd	nd		nd	nd
o-Dichlorobenzene	50	nd	nd	nd	nd	89%	nd	nd
Benzene	60	nd	nd	nd	nd	91%	nd	nd
Toluene	50	nd	nd	nd	nd		nd	nd
Ethylbenzene	50	nd	nd	nd	nd		nd	nd
Xylenes	50	nd	nd	nd	nd		nd	nd

Surrogate recoveries:

Bromochloromethane	114%	111%	115%	116%	111%	108%	111%
1,4-Dichlorobutane	107%	112%	110%	113%	115%	116%	120%
Bromochloropropane	110%	108%	108%	119%	110%	98%	71%
Trifluorobutene	92%	96%	96%	96%	95%	95%	97%
Bromofluorobenzene	87%	93%	90%	87%	88%	90%	97%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
na - not analyzed
C - co-elution with sample peaks
M - matrix interference
J - estimated value
Results reported on dry-weight basis
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%