THE CONTENTS OF THIS
DOCUMENT ARE THE HIGHEST
QUALITY OBTAINABLE
INITIAL BAE DATE 10/21/91

APPENDIX B

PART 3

VOLATILE ORGANIC ANALYSIS RESULTS

FIELD SPIKES
FIELD DUPLICATES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP59-V2-B

Lab Name: CEG Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) water Lab Sample ID: 9007009-3

Sample wt/vol: 10 (g/mL) ml Lab File ID: G4094

Level: (low/med) low Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7-9-9

Column: (pack/cap) pack Dilution Factor: _____

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	20.0	B
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	15.9	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	16.2	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	18.7	
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	19.8	
124-48-1	Dibromochloromethane	~~15.7~~ 20.3	
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	18.6	
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	17.0	
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	17.4	
108-88-3	Toluene	18.9	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

[illegible]

Lab Name: CEP Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) water Lab Sample ID: 9007009-3

Sample wt/vol: 10 (g/mL) ml Lab File ID: G4094

Level: (low/med) Low Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7-9-90

Column: (pack/cap) pack Dilution Factor: _____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	110543	1+2xane	21.57	13.2	BJ
2.					BJ
3.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: PNELI Contract: NEL

Lab Code: PNELI Case No.: 2506 SAS No.: _____ SDG No.: CPP59

Matrix: (soil/water) SOIL Lab Sample ID: 2506-11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A4674

Level: (low/med) LOW Date Received: 06/21/90

% Moisture: not dec. 7 Date Analyzed: 06/28/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	J

FORM I VOA

1/87 R

[illegible] SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[illegible] LNEL_____ [illegible] LNEL_____ _____

Lab Code: FNELI__ Case No.: 2506__ SAS No.: _____ SDG No.: CFF59_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2506-11____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4674_____

Level: (low/med) LOW___ Date Received: 06/21/90

% Moisture: not dec. ___7 Date Analyzed: 06/28/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.15	720	BJ

000012

Lab Name: FNELI_____ Contract: NEL_____

Lab Code: FNELI__ Case No.: 2510__ SAS No.: _____ SDG No.: CFP59_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2510-09____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4695_____

Level: (low/med) LOW___ Date Received: 06/23/90

% Moisture: not dec. ___8 Date Analyzed: 07/02/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	2	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: PNELI_____ Contract: PNEL_____

Lab Code: PNELI__ Case No.: 2510__ SAS No.: _____ SDG No.: CPFE9_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2510-09___

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4695_____

Level: (low/med) LOW___ Date Received: 06/23/90

% Moisture: not dec. ___8 Date Analyzed: 07/02/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.20	600	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: PNELI_____ Contract: NEL_____

Lab Code: PNELI__ Case No.: 2510__ SAS No.: _____ SDG No.: CP959_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2510-10____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4696_____

Level: (low/med) LOW___ Date Received: 06/23/90

% Moisture: not dec. ___7 Date Analyzed: 07/02/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	7	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Code: FNELI__ Case No.: 2510__ SAS No.: _____ SDG No.: CFFE9_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2510-10___

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4696_____

Level: (low/med) LOW___ Date Received: 06/23/90

% Moisture: not dec. ___7 Date Analyzed: 07/02/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.23	590	J

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Soil — Lab Sample ID: 9006561-

Sample wt/vol: 3.3 (g/mL) G — Lab File ID: GA065

Level: (low/med) L — Date Received: _____

% Moisture: not dec. 5.2 — Date Analyzed: 7/8/90

Column: (pack/cap) PACK — Dilution Factor: _____

CONCENTRATION UNITS: (ug/L or ug/Kg) _____

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	53	U
74-83-9	Bromomethane	↓	↓
75-01-4	Vinyl Chloride	↓	↓
75-00-3	Chloroethane	↓	↓
75-09-2	Methylene Chloride	38	B
67-64-1	Acetone	53	U
75-15-0	Carbon Disulfide	26	↓
75-35-4	1,1-Dichloroethene	↓	↓
75-34-3	1,1-Dichloroethane	↓	↓
540-59-0	1,2-Dichloroethene (total)	↓	↓
67-66-3	Chloroform	↓	↓
107-06-2	1,2-Dichloroethane	↓	↓
78-93-3	2-Butanone	53	↓
71-55-6	1,1,1-Trichloroethane	26	↓
56-23-5	Carbon Tetrachloride	26	↓
108-05-4	Vinyl Acetate	53	↓
75-27-4	Bromodichloromethane	26	↓
78-87-5	1,2-Dichloropropane	↓	↓
10061-01-5	cis-1,3-Dichloropropene	↓	↓
79-01-6	Trichloroethene	↓	↓
124-48-1	Dibromochloromethane	↓	↓
79-00-5	1,1,2-Trichloroethane	↓	↓
71-43-2	Benzene	↓	↓
10061-02-6	trans-1,3-Dichloropropene	↓	↓
75-25-2	Bromoform	↓	↓
108-10-1	4-Methyl-2-Pentanone	53	↓
591-78-6	2-Hexanone	53	↓
127-18-4	Tetrachloroethene	26	↓
79-34-5	1,1,2,2-Tetrachloroethane	↓	↓
108-88-3	Toluene	↓	↓
108-90-7	Chlorobenzene	↓	↓
100-41-4	Ethylbenzene	↓	↓
100-42-5	Styrene	↓	↓
1330-20-7	Xylene (total)	↓	↓

VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) soil Lab Sample ID: 9001056L-

Sample wt/vol: 3.3 (g/mL) g Lab File ID: G2065

Level: (low/med) ~~med~~ low Date Received: _____

% Moisture: not dec. 5.2 Date Analyzed: 7/8/90

Column: (pack/cap) pack Dilution Factor: _____

Number TICs found: _____ CONCENTRATION UNITS: (ug/L or ug/Kg) _____

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.
1.	dichloromethane	8.59	
2.	trichloromethane	9.13	
3.	unknown	17.79	
4.	unknown	21.71	
5.	unknown	30.03	
6.	unknown	40.00	
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Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Soil — Lab Sample ID: 90065lot

Sample wt/vol: 3.3 (g/mL) g — Lab File ID: GA0166

Level: (low/med) L — Date Received: _____

% Moisture: not dec. 95 — Date Analyzed: 7/8/90

Column: (pack/cap) p — Dilution Factor: _____

CONCENTRATION UNITS: (ug/L or ug/Kg) _____

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	53	U
74-83-9	Bromomethane		
75-01-4	Vinyl Chloride		
75-00-3	Chloroethane		
75-09-2	Methylene Chloride	35	B
67-64-1	Acetone	53	U
75-15-0	Carbon Disulfide	26	
75-35-4	1,1-Dichloroethene		
75-34-3	1,1-Dichloroethane		
540-59-0	1,2-Dichloroethene (total)		
67-66-3	Chloroform		
107-06-2	1,2-Dichloroethane		
78-93-3	2-Butanone	53	
71-55-6	1,1,1-Trichloroethane	26	
56-23-5	Carbon Tetrachloride	26	
108-05-4	Vinyl Acetate	53	
75-27-4	Bromodichloromethane	26	
78-87-5	1,2-Dichloropropane		
10061-01-5	cis-1,3-Dichloropropene		
79-01-6	Trichloroethene		
124-48-1	Dibromochloromethane		
79-00-5	1,1,2-Trichloroethane		
71-43-2	Benzene		
10061-02-6	trans-1,3-Dichloropropene		
75-25-2	Bromoform		
108-10-1	4-Methyl-2-Pentanone	53	
591-78-6	2-Hexanone	53	
127-18-4	Tetrachloroethene	26	
79-34-5	1,1,2,2-Tetrachloroethane		
108-88-3	Toluene		
108-90-7	Chlorobenzene		
100-41-4	Ethylbenzene		
100-42-5	Styrene		
1330-20-7	Xylene (total)		

VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: JEO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Soil Lab Sample ID: 9006561

Sample wt/vol: 3.3 (g/mL) g Lab File ID: G4066

Level: (low/med) l Date Received: 7/8/90

% Moisture: not dec. 5.2 Date Analyzed: 7/8/9

Column: (pack/cap) pack Dilution Factor: _____

Number TICs found: _____ CONCENTRATION UNITS: (ug/L or ug/Kg) _____

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.
1.		dichloromethane	8.57	
2.		unknown	17.67	
3.		unknown	21.64	
4.				
5.				
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30.				

Lab Name: [illegible] Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Soil — Lab Sample ID: 7006561-1

Sample wt/vol: 3.3 (g/mL) g — Lab File ID: GA070

Level: (low/med) L — Date Received: _____

Moisture: not dec. 9.4 — Date Analyzed: 7/8/90

Column: (pack/cap) pack — Dilution Factor: _____

CONCENTRATION UNITS: (ug/L or ug/Kg) _____

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	55	U
74-83-9	Bromomethane		
75-01-4	Vinyl Chloride		
75-00-3	Chloroethane		
75-09-2	Methylene Chloride	69	B
67-64-1	Acetone	27	U
75-15-0	Carbon Disulfide		
75-35-4	1,1-Dichloroethene		
75-34-3	1,1-Dichloroethane		
540-59-0	1,2-Dichloroethene (total)		
67-66-3	Chloroform		
107-06-2	1,2-Dichloroethane		
78-93-3	2-Butanone	55	
71-55-6	1,1,1-Trichloroethane	27	
56-23-5	Carbon Tetrachloride		
108-05-4	Vinyl Acetate		
75-27-4	Bromodichloromethane		
78-87-5	1,2-Dichloropropane		
10061-01-5	cis-1,3-Dichloropropene		
79-01-6	Trichloroethene		
124-48-1	Dibromochloromethane		
79-00-5	1,1,2-Trichloroethane		
71-43-2	Benzene		
10061-02-6	trans-1,3-Dichloropropene		
75-25-2	Bromoform		
108-10-1	4-Methyl-2-Pentanone	55	
591-78-6	2-Hexanone	55	
127-18-4	Tetrachloroethene	27	
79-34-5	1,1,2,2-Tetrachloroethane	27	
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	27	U
100-41-4	Ethylbenzene		
100-42-5	Styrene		
1330-20-7	Xylene (total)		

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: [illegible] Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Soil Lab Sample ID: 900[illegible]

Sample wt/vol: 3.3 (g/mL) g Lab File ID: [illegible]

Level: (low/med) Low Date Received: _____

% Moisture: not dec. 9.4 Data Analyzed: 7/8/[illegible]

Column: (pack/cap) pack Dilution Factor: _____

Number TICs found: _____ CONCENTRATION UNITS: (ug/L or ug/Kg) _____

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.
1.	Dichloromethane	8.48	
2.	unknown	17.60	
3.	unknown	21.60	
4.			
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FORM I VOA-TIC

APPENDIX B

PART 4

TOTAL PETROLEUM HYDROCARBONS

ANALYSIS RESULTS

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Borehole: CPP59-		-02	-01	-01
Depth, feet:		4-6	0-2	2-4
Client Sample ID	Blank	CPP59-02-V3-5-3	CPP59-01-V3-1-1	CPP59-01-V3-3-2
PNEL Sample ID	2507-MB	2507-02	2507-05	2507-07
Matrix	Soil	Soil	Soil	Soil
Date Received	NA	6-22-90	6-22-90	6-22-90
Date Extracted	07-17-90	07-17-90	07-17-90	07-17-90
Date Analyzed	07-19-90	07-19-90	07-19-90	07-19-90
Units of Measure	µg/kg	µg/kg	µg/kg	µg/kg
Compound				
Total Petroleum Hydrocarbons				
As: Bunker C	17000 U	17000 U	480000	28000
As: Diesel	8300 U	8700 U	44000 U	8900 U
As: Motor Oil	11000	19000	79000	21000
As: Kerosene	8300 U	8700 U	44000 U	8900 U

\TPH-1206.507

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Borehole CPP59 - Depth feet:	-01 4-6	-01 6-10
Client Sample ID	CPP59-01-V3-6-3	CPP59-01-V3-10-4
PNEL Sample ID	2507-09	2507-11
Matrix	Soil	Soil
Date Received	6-22-90	6-22-90
Date Extracted	07-17-90	07-17-90
Date Analyzed	07-19-90	07-19-90
Units of Measure	µg/kg	µg/kg

Compound				
Total Petroleum Hydrocarbons				
As: Bunker C	76000		18000	U
As: Diesel	8800	U	8900	U
As: Motor Oil	10000		8900	U
As: Kerosene	8800	U	8900	U

\TPH-1206.507

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Borehole, CPP59 - Depth, feet		-01 17-19	-01 24-26	-01 30-32
Client Sample ID	Blank	CPP59-01-V3-18-5	CPP59-01 V3-25-6	CPP59-01 V3-30-7
PNEL Sample ID	2510-MB	2510-05	2510-07	2510-11
Matrix	Soil	Soil	Soil	Soil
Date Received	NA	06-23-90	06-23-90	06-23-90
Date Extracted	06-25-90	06-25-90	06-25-90	06-25-90
Date Analyzed	07-17-90	07-17-90	07-17-90	07-17-90
Units of Measure	µg/kg	µg/kg	µg/kg	µg/kg
Compound				
Total Petroleum Hydrocarbons				
As: Bunker C	17000 U	17000 U	18000 U	18000 U
As: Diesel	8300 U	8700 U	8800 U	8900 U
As: Motor Oil	8300 U	8700 U	8800 U	8900 U
As: Kerosene	8300 U	8700 U	8800 U	8900 U

\TPH-1206.510

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Prefix: CPP59-
Depth, feet:

Client Sample ID	BLANK	-03 0-2 CPP59-03-V3-1-1	-03 2-4 CPP59-03-V3-3-2	-03 4-6 CPP59-03-V3-6-3
PNEL Sample ID	2504-MB	2504-02	2504-04	2504-06
Matrix	Soil	Soil	Soil	Soil
Date Received	NA	06-20-90	06-20-90	06-20-90
Date Extracted	06-20-90	06-20-90	06-20-90	06-20-90
Date Analyzed	06-23-90	06-23-90	06-23-90	06-23-90
Units of Measure	µg/kg	µg/kg	µg/kg	µg/kg
Compound				
Total Petroleum Hydrocarbons:				
as Diesel	8300 U	8900 U	9000	95000 U
as Motor Oil	8300 U	8900 U	9000 U	95000 U
as Kerosene	8300 U	62000	90000	120000
% Solids in sample	NA	93.6	92.3	87.1

\TPH-2504

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	BLANK	CPP59-04-V3-1-1 (-04 0-2)	CPP59-04-V3-1-1-D (-04 0-2)	CPP59-04-V3-3-2 (-04 2-4)
PNEL Sample ID	2506-MB	2506-02	2506-03	2506-05
Matrix	Soil	Soil	Soil	Soil
Date Received	NA	06-21-90	06-21-90	06-21-90
Date Extracted	06-25-90	06-25-90	06-25-90	06-25-90
Date Analyzed	07-17-90	07-18-90	07-18-90	07-18-90
Units of Measure	µg/kg	µg/kg	µg/kg	µg/kg
Compound				
Total Petroleum Hydrocarbons:				
as Bunker C	17000 U	34000	23000	17000 U
as Diesel	8300 U	8600 U	8700 U	8700 U
as Motor Oil	8300 U	16000	26000	8700 U
as Kerosene	8300 U	8600 U	8700 U	8700 U

\TPH-2506

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Borehole CPP59 – Depth, feet.	-05 2-4	-05 4-6	-02 0-2	-02 2-4
Client Sample ID	CPP59-05-V3-3-2	CPP59-05-V3-6-3	CPP59-02-V3-1-1	CPP59-02-V3-3-2
PNEL Sample ID	2506-17	2506-19	2506-20	2506-22
Matrix	Soil	Soil	Soil	Soil
Date Received	06-21-90	06-21-90	06-21-90	06-21-90
Date Extracted	06-25-90	06-25-90	06-25-90	06-25-90
Date Analyzed	07-18-90	07-18-90	07-21-90	07-18-90
Units of Measure	µg/kg	µg/kg	µg/kg	µg/kg
Compound				
Total Petroleum Hydrocarbons:				
as Bunker C	18000 U	18000 U	170000	53000 U
as Diesel	9200 U	8800 U	86000 U	54000
as Motor Oil	18000	9400	3800000	310000
as Kerosene	9200 U	8800 U	86000 U	26000 U

\TPH-2506

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP59-4D-V3-1-1	CPP59-4D-V3-3-2	CPP59-4D-V3-6-3	CPP59-05-V3-1-1
PNEL Sample ID	2506-08	2506-10	2506-13	2506-15
Matrix	Soil	Soil	Soil	Soil
Date Received	06-21-90	06-21-90	06-21-90	06-21-90
Date Extracted	06-25-90	06-25-90	06-25-90	06-25-90
Date Analyzed	07-18-90	07-18-90	07-18-90	07-18-90
Units of Measure	µg/kg	µg/kg	µg/kg	µg/kg
Compound				
Total Petroleum Hydrocarbons:				
as Bunker C	28000	18000 U	23000	17000 U
as Diesel	8600 U	8800 U	8700 U	8600 U
as Motor Oil	17000	20000	9800	13000
as Kerosene	8600 U	8800 U	8700 U	8600 U

\TPH-2506

Controls for Environmental Pollution, Inc.
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Test Description	Result	Limit	Units	Analyzed	By
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Sample: 02A CPP59-01-V3-38-8-SC Collected: 06/25/90 11:10

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 03A CPP59-01-V2-38-9-S Collected: 06/25/90 11:10

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		

Controls for Environmental Pollution, Inc.
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IN STATE 505/982-9811

Test Description	Result	Limit	Units	Analyzed	By
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-01 @ 38-39 ?

Sample: 04A CPP59-01-V3-38-9-S Collected: 06/25/90 11:10

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 05A CPP59-01-V2-40-10 Collected: 06/25/90 11:45

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					

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Test Description	Result	Limit	Units	Analyzed	By
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Borehole CPP59-10 @ 0-2'

Sample: 02A CPP59-10-V3-1-1 Collected: 06/26/90 10:45

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	2200	1000	ug/kg		

Sample: 03A CPP59-10-V2-3-2 Collected: 06/26/90 10:10

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Borehole CPP59-10 @ 2-4'

Sample: 04A CPP59-10-V3-3-2 Collected: 06/26/90 10:10

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 05A CPP59-10-V2-6-3 Collected: 06/26/90 10:25

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					

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include CPP59-10 @ 4-6

Sample: 06A CPP59-10-V3-6-3 Collected 06/26/90 10 25

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 07A CPP59-10-V2-12-4 Collected 06/26/90 12:10

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-10 @ 12.1-13.8'

Sample: 08A CPP59-10-V3-12-4 Collected 06/26/90 12:10

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 09A CPP59-10-V2-19-5 Collected 06/26/90 13:40

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Borehole CPP59-10 @ 19.1-20.1

Sample: 10A CPP59-10-V3-19-5 Collected: 06/26/90 13:40

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-10 @ 23-24'

Sample: 12A CPP59-10-V3-23-6 Collected: 06/26/90 14:50

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 13A CPP59-10-V2-28-7 Collected: 06/26/90 15:15

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Exclude CPP59-10 @ 28-29'

Sample: 14A CPP59-10-V3-28-7 Collected 06/26/90 15:15

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

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Sample: 26A CPP59-06-V3-3-2 Collected: 06/29/90 14:45
Includes CPP59-06 2-4'

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	5800	1000	ug/kg		

Sample: 27A CPP59-06-V2-4-3 Collected: 06/29/90

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		

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IN STATE 505/982-9811

Test Description	Result	Limit	Units	Analyzed	By
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Borehole CPP59-06 @ 4-6'

Sample: 28A CPP59-06-V3-4-3 Collected: 06/29/90 15:15

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	4700	1000	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-10 @ 33-35' Field Duplicate

Sample: 02A CPP59-10-V3-33-8-D Collected: 06/27/90 10:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 03A CPP59-10-V3-33-8 Collected: 06/27/90 10:00

Include CPP59-10 @ 33-35'

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 04A CPP59-10-V2-38-9 Collected: 06/27/90 10:50

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	55.8	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Borehole CPP59-10 @ 38-40'

Sample: 07A CPP59-10-V3-38-9 Collected: 06/27/90 10:50

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	4600*	1000	ug/kg		

Borehole CPP59-10 @ 38-40' Field Duplicate

Sample: 08A CPP59-10-V3-38-9-D Collected: 06/27/90 10:50

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	6400*	1000	ug/kg		

Sample: 09A CPP59-10-V2-40-10-M Collected: 06/27/90 12:00

Test Description	Result	Limit	Units	Analyzed	By
Colder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	86.4	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		

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Include CPP59-10 @ 40-42

Sample: 11A CPP59-10-V3-40-10-M Collected 06/27/90 12:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Include CPP59-10 @ 40-42

Sample: 12A CPP59-10-V3-40-10-S Collected 06/27/90 12:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 13A CPP59-10-V2-42-11 Collected: 06/27/90 14:00

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	82.0	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

include CPP59-10 @ 42-43.5

Sample: 15A CPP59-10-V3-42-11 Collected: 06/27/90 14:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	3200*	1000	ug/kg		

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Include CPP59-10 @ 42-45 Field Duplicate

Sample: 16A CPP59-10-V3-42-11-T Collected 06/27/90 14:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	1600*	1000	ug/kg		

Include CPP59-10 @ 42-45 Field Duplicate

Sample: 17A CPP59-10-V3-42-11-T2 Collected 06/27/90 14:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	2900*	1000	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Tetrachloroethene	<5	5.0	ug/liter		
Toluene	<5	5.0	ug/liter		
Chlorobenzene	<5	5.0	ug/liter		
Ethyl Benzene	<5	5.0	ug/liter		
Styrene	<5	5.0	ug/liter		
Total Xylenes	<5	5.0	ug/liter		

Include CPP59-10 Equipment Blank

Sample: 02A CPP59-10-V3-EB Collected: 06/27/90 09:30

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<500	1000	ug/liter		

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Test Description	Result	Limit	Units	Analyzed	By
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Bordale CPP59-09 @ 2-4'

Sample: 03A CPP59-09-V3-3-2 Collected: 06/29/90 10:55

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

Sample: 04A CPP59-09-V2-6-3 Collected: 06/29/90 11:15

Test Description	Result	Limit	Units	Analyzed	By
Colder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-09 @ 4-6'

Sample: 05A CPP59-09-V3-6-3 Collected: 06/29/90 11:15

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	1500	1000	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-09 @ 0-2'

Sample: 07A CPP59-09-V3-1A-1 Collected: 06/29/90 11:25

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	8600	1000	ug/kg		

Sample: 08A CPP59-08-V2-1-1 Collected: 06/29/90 11:30

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Borehole CPP59-08 @ 0-2'

Sample: 09A CPP59-08-V3-1-1 Collected: 06/29/90 11:30

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	28000*	1000	ug/kg		

Sample: 10A CPP59-08-V2-2-2 Collected: 06/29/90 11:40

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		

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Include CPP59-08 @ 2-4'

Sample: 11A CPP59-08-V3-2-2 Collected: 06/29/90 11:40

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	11000*	1000	ug/kg		

Include CPP59-08 @ 2-4'

Sample: 12A CPP59-08-V3-2-2-MS Collected: 06/29/90 11:40

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	12000*	1000	ug/kg		

Sample: 13A CPP59-08-V2-3-3 Collected: 06/29/90 11:50

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Exclude CPP59-08 @ 2-4'

Sample: 14A CPP59-08-V3-3-3 Collected: 06/29/90 11:50

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	14000*	1000	ug/kg		

Sample: 15A CPP59-08-V2-6-4 Collected: 06/29/90 12:00

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		

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Bedrock CPP59-08 @ 4-6'

Sample: 16A CPP59-08-V3-6-4 Collected: 06/29/90 12:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	3400#	1000	ug/kg		

Sample: 17A CPP59-07-V2-1-1 Collected: 06/29/90 13:45

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-07 @ 0-2'

Sample: 18A CPP59-07-V3-1-1 Collected: 06/29/90 13:45

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	25000*	1000	ug/kg		

Sample: 19A CPP59-07-V2-3-2 Collected: 06/29/90 14:00

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Rockale CPP59-07 @ 2-4'

Sample: 20A CPP59-07-V3-3-2 Collected: 06/29/90 14:00

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	<1000	1000	ug/kg		

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Test Description	Result	Limit	Units	Analyzed	By
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Perchloride CPP59-07 @ 4-6'

Sample: 22A CPP59-07-V3-6-3 Collected: 06/29/90 14:15

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	3200*	1000	ug/kg		

Sample: 23A CPP59-06-V2-1-1 Collected: 06/29/90 14:25

Test Description	Result	Limit	Units	Analyzed	By
Gulder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		
Vinyl Chloride	<50	50	ug/kg		
Chloroethane	<50	50	ug/kg		
Methylene Chloride	<25	25	ug/kg		
Acetone	<50	50	ug/kg		
Carbon Disulfide	<25	25	ug/kg		
1,1-Dichloroethene	<25	25	ug/kg		
1,1-Dichloroethane	<25	25	ug/kg		
trans-1,2-Dichloroethane	<25	25	ug/kg		
Chloroform	<25	25	ug/kg		
1,2-Dichloroethane	<25	25	ug/kg		
2-Butanone	<50	50	ug/kg		
1,1,1-Trichloroethane	<25	25	ug/kg		
Carbon Tetrachloride	<25	25	ug/kg		
Vinyl Acetate	<50	50	ug/kg		

Test Description	Result	Limit	Units	Analyzed	By
Bromodichloromethane	<25	25	ug/kg		
1,1,2,2-Tetrachloroethane	<25	25	ug/kg		
1,2-Dichloropropane	<25	25	ug/kg		
trans-1,3-Dichloropropene	<25	25	ug/kg		
Trichloroethene	<25	25	ug/kg		
Dibromochloromethane	<25	25	ug/kg		
1,1,2-Trichloroethane	<25	25	ug/kg		
Benzene	<25	25	ug/kg		
cis-1,3-Dichloropropene	<25	25	ug/kg		
Bromoform	<25	25	ug/kg		
2-Hexanone	<50	50	ug/kg		
4-Methyl-2-Pentanone	<50	50	ug/kg		
Tetrachloroethene	<25	25	ug/kg		
Toluene	<25	25	ug/kg		
Chlorobenzene	<25	25	ug/kg		
Ethyl Benzene	<25	25	ug/kg		
Styrene	<25	25	ug/kg		
Total Xylenes	<25	25	ug/kg		

Include CPP59-06 @ 0-2'

Sample: 24A CPP59-06-V3-1-1 Collected: 06/29/90 14:25

Test Description	Result	Limit	Units	Analyzed	By
Kerosene	10000	1000	ug/kg		

Sample: 25A CPP59-06-V2-3-2 Collected: 06/29/90 14:45

Test Description	Result	Limit	Units	Analyzed	By
Golder Method 8240					
Chloromethane	<50	50	ug/kg		
Bromomethane	<50	50	ug/kg		

PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	Blank	Equipment Blank CPP59-01-EB-2
PNEL Sample ID	2510-MB	2510-03
Matrix	Water	Water
Date Received	NA	06-23-90
Date Extracted	06-28-90	06-28-90
Date Analyzed	06-30-90	06-30-90
Units of Measure	µg/ℓ	µg/ℓ

Compound		
Total Petroleum Hydrocarbons		
As: Diesel	240 U	250 U
As: Motor Oil	240 U	250 U
As: Gasoline	240 U	250 U

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PACIFIC NORTHWEST
ENVIRONMENTAL
LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Parcelate:	CPP59-01	-01	Field Duplicate & Field Triplicate.
Client Sample ID	CPP59-01-V3-30-7-T2	CPP59-01-V3-30-7-T3	
PNEL Sample ID	2510-12	2510-13	
Matrix	Soil	Soil	
Date Received	06-23-90	06-23-90	
Date Extracted	06-25-90	06-25-90	
Date Analyzed	07-17-90	07-17-90	
Units of Measure	µg/kg	µg/kg	

Compound				
Total Petroleum Hydrocarbons				
As: Bunker C	18000	U	17000	U
As: Diesel	9200	U	8700	U
As: Motor Oil	9200	U	8700	U
As: Kerosene	9200	U	8700	U

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