

MEMO TO LUST FILE # 15-91-0119

THIS SITE FILE WAS CLOSED. "NO FURTHER ACTION" LETTER NOT FOUND IN FILE.

This memo placed in file January 21, 2011.

--- Ginny Deck

**SITE CHARACTERIZATION  
AND CLOSURE LETTER**

15-91-119

**Central Point BP Station  
1065 East Pine  
Central Point, Oregon**

**February 1, 1994**

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY

**RECEIVED**  
FEB 10 1994

**SOUTHWEST REGION OFFICE**

Prepared For:

**Colvin Oil Company  
2520 Foothill Boulevard  
Grants Pass, Oregon 97526**

Prepared By:

**David Brown & Associates, Inc**  
*Environmental Engineers and Geologists*  
7150 S.W. Fir Loop  
Portland, Oregon 97223  
(503) 620-6070

*David E. Brown*  
David E. Brown, PG  
Principal  
G1242  
GEOLOGIST

*Elliot J. Zais*  
Elliot J. Zais, PhD, PE  
Engineering Manager  
9580  
OREGON  
FEB. 10, 1978  
ELLIOT JACOB ZAIS

**David Brown & Associates, Inc.**  
*Environmental Engineers and Geologists*  
7150 S.W. Fir Loop  
Portland, Oregon 97223  
(503)620-6070  
Fax 624-8368

February 1, 1994

Mr. Byron Peterson  
Oregon Department of Environmental Quality  
Western Region  
201 W. Main, Suite 2-D  
Medford, Oregon 97501

**SUBJECT: Colvin Oil Central Point BP Station LUST # 15-91-119**  
**Site Characterization and Closure Letter**

Dear Byron:

On behalf of our client, Colvin Oil Company, we are presenting the results of the tank decommissioning, groundwater and soil testing, and soil treatment for the site located at 1065 East Pine in Central Point, Oregon (Figure 1a). Soil removed from the tank excavation was treated at another BP site located at 20 South Stage Road in Medford (Figure 1b). A site map of the soil farm is included in the attached letter report dated March 1, 1993. We are asking that a Letter of No Further Action be issued for the East Pine site.

#### **SITE CHARACTERIZATION**

#### **TANK DECOMMISSIONING**

Three underground storage tanks (USTs) were removed from the East Pine site in September of 1991, as reported in the attached DEQ Underground Storage Tank Decommissioning/Service Change Report dated 9-24-1991.

Soils contamination was discovered during the excavation, requiring excavation of about 3,000 cubic yards of gasoline-contaminated soil. The soil was removed from the East Pine site and

placed into an offsite soil farm at Colvin's bulk plant on South Stage Road in Medford for treatment. A Land Use Compatibility Statement and a letter request for authorization to store and treat contaminated soil was submitted to DEQ on September 18, 1991. Both the Statement and the letter request are attached to this report.

## **GEOLOGICAL SETTING**

The Central Point site is located on the elevated alluvial terraces above Bear Creek in Central Point, Oregon. Just north and east of the site, the topography slopes down onto the flood plain of Bear Creek, which flows toward the north, and empties into the Rogue River. The terraces on which the site is located are part of the Rogue Valley, which is about ten of miles wide, and stretches from the Emigrant Lake area near Ashland, 50 miles northwest to the Sams Valley area, just north of Medford.

The Rogue Valley serves as the transition zone between the western Cascades Mountains and the Siskiyou Mountains. Several miles to the west and south of the site are the foothills of the Siskiyou Mountains, and several miles to the north and east are the foothills of the Cascades Mountains.

Immediately underlying the site are gravels, sands, silts and clays derived from weathering and downstream movement of the local bedrock. The local bedrock has been mapped as a variety of units ranging from extrusive volcanic rocks and continental sediments associated with the Cascades Range, to metamorphic and granitic rocks associated with the Siskiyou Mountains. This mixture of local bedrock has created a diverse alluvial sequence beneath Medford that is high in clay content.

Examination of water well logs for the Central Point area indicates the alluvial deposits beneath the site reach to a depth of about 100 feet where they are underlain by sandstones and claystones of the Western Cascades rocks.

## **GROUNDWATER DEPTH AND VELOCITY**

Groundwater was encountered in the tank excavation. Previous work in the Medford area and examination of State of Oregon records indicates the depth to groundwater varies with the season by as much as five feet.

Groundwater direction, gradient, and velocity is governed by the amount of recharge entering the ground in the area north of Central Point in the Cascade Mountains, the highlands west and north of

the site, via rainfall and snow melt. The surface of the shallow water table is seen to follow the topographic surface down toward Bear Creek and The Rogue River.

No permeability testing was made during this project. However, review of the literature indicates the soil under the site has a very low permeability and seepage velocity.

Our inspection of the available groundwater information indicates that the clayey silts, sands and gravels at shallow depth are the major aquifers in the Medford area. According to our interpretation of the well logs, and the USGS study, water production appears to come from discontinuous clayey sands and gravels within the unconsolidated unit.

## **GROUNDWATER USAGE**

Our inspection of water well logs in the Central Point area indicates a typical house well is on the order of 50 to 125 feet in depth, with the completion being typically open hole beneath the 20-foot State of Oregon-mandated surface casing.

Industrial and municipal wells in the area are typically 200 feet deep or more, with casings set to about 50 feet, and the remainder of the hole left without liner or casing. In several cases, however, the wells have been cased to total depth with water entering through Mills Knife or Skill Saw perforations.

Production from the house wells appears to be on the order of 5 gallons per minute or less, with considerable drawdown. The production from the industrial wells appears to be not much higher. This low production rate would be consistent with the low hydraulic conductivities determined for the local alluvium during pumping tests.

## **CONTAMINATION**

### **ANALYTICAL METHODS**

There were four sampling events at this site.

Brad Weast of Weast Service and Equipment collected a sample labeled Soil Bottom from the excavation on October 9, 1991. This sample was analyzed using Method TPH-G.

David Brown & Associates, Inc

Warren Weast collected twenty-one soil and four water samples from the excavation using EPA-approved methods on October 22, 1991. Eight soil samples were analyzed using Method TPH-HCID. One water sample was analyzed for BTEX using EPA Method 602. A second sample was analyzed for EDB/EDC using EPA Method 502.2, and a third sample was analyzed for lead using EPA Method 239.2.

Brad Weast collected a water sample from the excavation on November 1, 1991 for BTEX analysis.

UST Environmental Services, Inc. collected twenty-five final soil samples from the soil farm at the BP Bulk Plant on South Stage road on February 17, 1993. All of the samples were analyzed using Method TPH-G.

Copies of the Chain-of-Custody forms and the laboratory sheets for all of the sampling events are attached to this Letter Report. The Chain-of-Custody and laboratory sheet for UST's sampling is attached to their March 1, 1993 letter to Byron Peterson which is also attached to this report.

A brief summary of the analytical results is presented below.

## **ANALYTICAL RESULTS**

### **SOILS**

The first soil sample showed no TPH-G at a detection limit of 1 mg/kg.

All eight of the soil samples showed no gasoline at a detection limit of 20 mg/kg, no diesel at a detection limit of 50 mg/kg, and no heavy fraction.

All twenty-five of the final soil samples collected by UST showed no gasoline fraction at a detection limit of 5 mg/kg.

### **GROUNDWATER**

The first set of BTEX in water results are not available. EDB and EDC were not detected at a detection limit of 50 µg/L. Lead was not detected at a detection limit of 5 µg/L.

The results of the second BTEX analysis are as follows:

Benzene	3 µg/L
Toluene	ND at a detection limit of 1 µg/L
Ethylbenzene	3 µg/L
Xylenes	2 µg/L

## **CONTAMINATION REGULATIONS**

### **SOILS**

The Oregon Department of Environmental Quality has adopted Administrative Rules dealing with underground storage tanks (OAR 340-122-201 through 340-122-360). These rules are directed at the cleanup of soil which has been contaminated from a release of petroleum product from an underground storage tank. The rules were developed to provide a "fast track" cleanup alternative for those sites where the responsible party is willing to remediate to the fixed level. However, the DEQ has the ability to allow levels of contamination in excess of the matrix designation to remain in the soil for site specific conditions. These conditions could include the proximity of major utilities, critical foundation elements, sidewalks, or other conditions that make the removal or treatment of above-matrix soil not practicable. The rules define a matrix from which numeric soil cleanup standards can be calculated. This matrix is based upon soil type, depth to groundwater, the use of the uppermost groundwater aquifer, the proximity of wells using the aquifer, and the nature of the contamination. We have analyzed the Central Point site according to the matrix and have drawn the following interpretations based on our review of the available data.

- 1) The depth to the seasonal saturated zone beneath the Colvin Oil site is about 15 feet or less.  
**(10 points)**
- 2) The mean annual precipitation for the Central Point area is less than 20.  
**(1 point)**
- 3) The native soil found in the excavation was determined by visual and field testing to be moderately low permeable silty, sandy gravels.  
**(5 points)**

- 4) The uppermost aquifer beneath the site is one that is currently used for domestic use, but alternative sources are available.  
(7 points)
  
- 5) There are a medium number of aquifer users, and they are near to the site.  
(10 points)

This adds up to a point total of 33 points for the site. A point total of 33 indicates that a site for which the matrix applies must be cleaned up to exceed Level 2 standards. The Level 2 standard for a site that has gasoline as the major contaminant is that the soil must be cleaned up to a background TPH-G level of less than 80 ppm.

The closure sampling of the tank excavation indicates all in place soil was cleaned up to less than Matrix levels.

Soil Farm levels are generally set at the Level 1 Matrix levels. These are 40 ppm for TPH-G and 100 ppm for TPH-D. The results of the final soil farm sampling, submitted on March 1, 1993, indicate Level 1 matrix levels have been achieved.

## **GROUNDWATER**

The DEQ has also adopted Administrative Rules to govern the clean up of groundwater impacted by petroleum releases. These rules are also a fast track option for an owner wishing to clean up to fixed levels. The Maximum Contaminant Levels allowed by the DEQ before action is required are as follows:

Benzene	5 ppb
Toluene	2,000 ppb
Ethylbenzene	700 ppb
Xylenes	10,000 ppb

All of the groundwater results are below action levels.

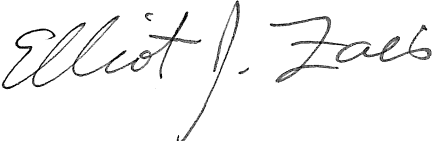
David Brown & Associates, Inc

The soils impacted on the site have been removed from the tank excavation and successfully treated in an off-site soils cell. The groundwater was not impacted at a level above Remedial Action Levels. We now ask that a Letter of No Further Action be issued for the Colvin Oil Central Point BP site.

If you have any questions, please call me at (503) 620-6070.

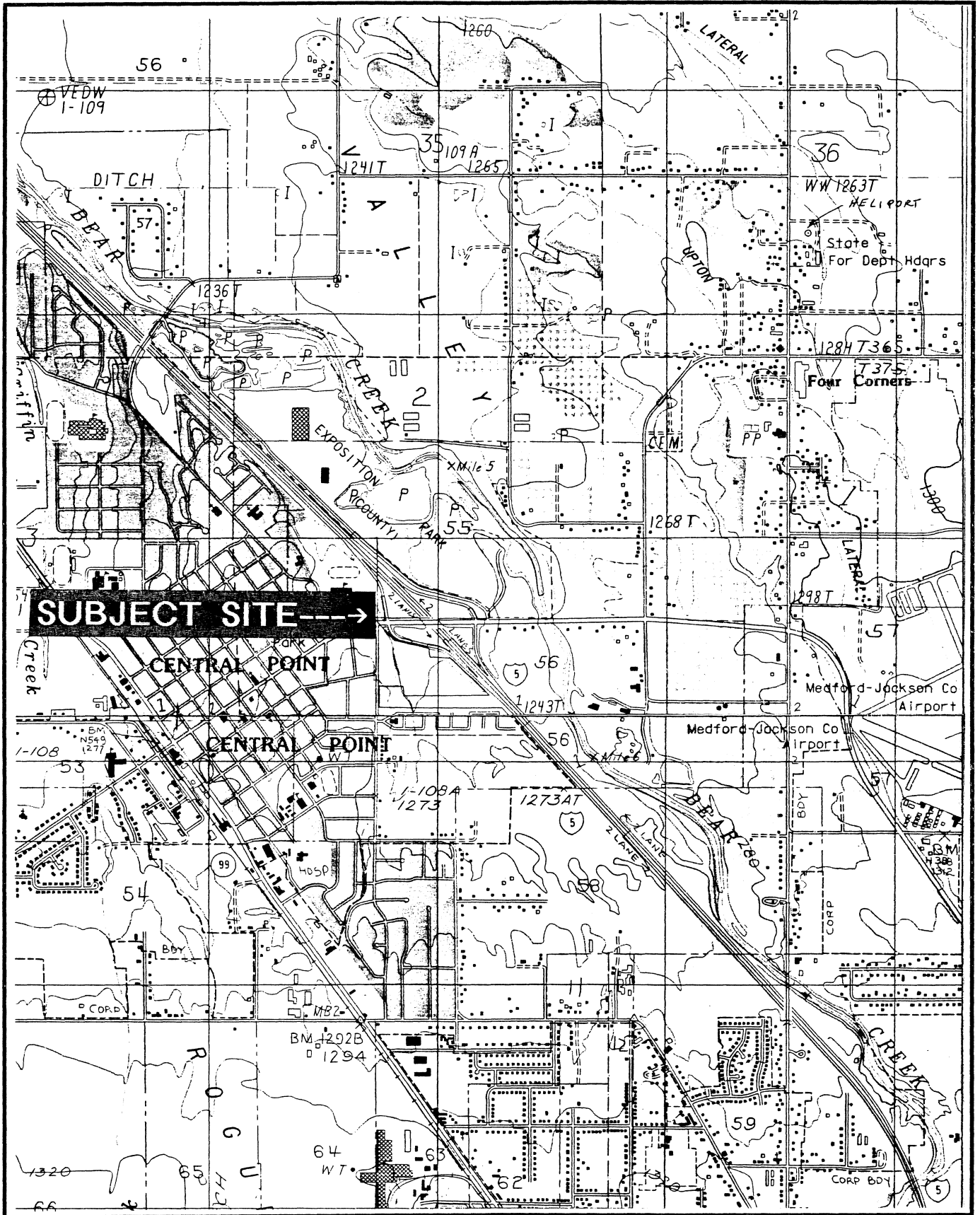
Sincerely,

**David Brown & Associates, Inc.**

Handwritten signature of Elliot J. Zais in cursive script.

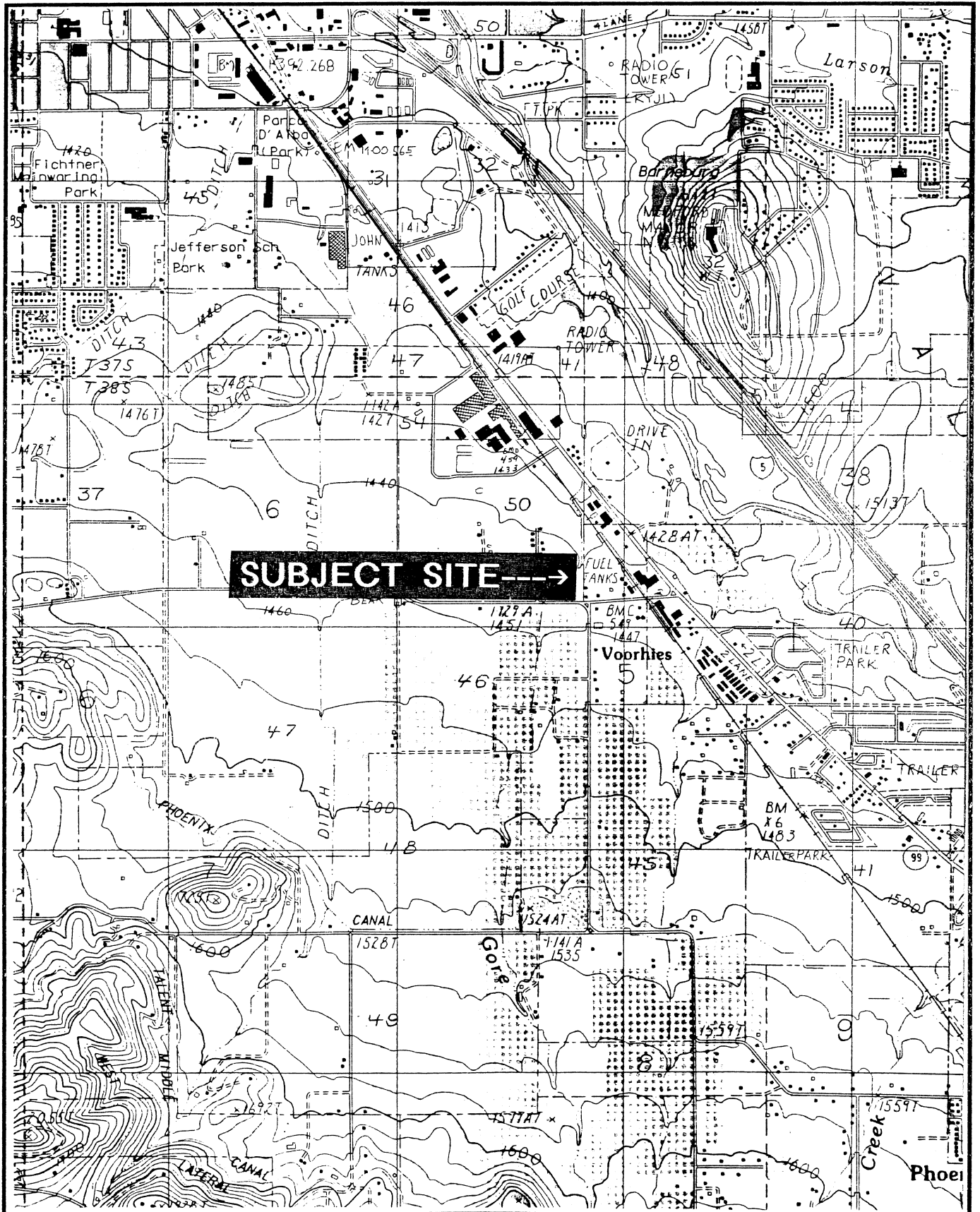
Elliot J. Zais, PhD, PE  
Engineering Manager

Attachments



David Brown & Associates, Inc.  
7150 S.W. Fir Loop  
Portland, Oregon 97223

FIGURE 1a  
Colvin Oil Central Point BP Location Map  
Source: USGS Sams Valley 7.5' topographic map, 1983



David Brown & Associates, Inc.  
7150 S.W. Fir Loop  
Portland, Oregon 97223

FIGURE 1b  
Medford Bulk Plant Location Map  
Source: USGS Medford East 7.5' topographic map, 1983



NRC

NEILSON RESEARCH CORPORATION

COPY

TPH - GASOLINE

NRC# 91-7681  
RECEIVED: 10-9-91  
TIME: 16:00  
REPORTED: 10-10-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin - Arco  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : Soil Bottom  
DEPTH : 16 Feet  
COMMENTS: Bottom

TIME COLLECTED : 15:30  
DATE COLLECTED : 10-9-91  
COLLECTOR'S NAME: Brad Weast

TPH - GASOLINE

ANALYST: N. Engleson

ANALYSIS DATE: 10-10-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
TPH - Gasoline	DEQ MODIFIED: EPA 5030 EPA 8020	mg/kg	1	ND @ 1

% Surrogate Recovery (Bromofluorobenzene) 124%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED Jay Fowler

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory  
 245 S. Grape St., Medford, OR 97501-3123  
 (503) 770-5678 or Fax (503) 770-2901

## Chain of Custody Record

**COPY**

Date 10/22/91 Page 1 of 3

Attention: Mr. Warren Weast  
 Results and Invoice to: Weast Service & Equipment  
 Address: 2580 Leonard Road  
Grants Pass, OR 97527  
 Phone: (503) 474-2789 Sampled By: Warren  
 Fax #: \_\_\_\_\_ PO. #: \_\_\_\_\_

**REPORTING REQUEST**

Preliminary: Fax  Verbal   
 Final: Written  Fax

RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**PROJECT INFORMATION**

Project Number: GAS TANK PIT  
 Project Name: Colvin - ARCO Central Point  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1
1											
1	✓										
1											
1											
1	✓										
1											
1											
1											
1											
1											
1											
1											
1											

**SPECIAL INSTRUCTIONS:**

DO HClD on each wall  
then proceed with  
needed TPH G, D, M  
418.1 M on soils -

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
  
  
 FIELD BLANK INCLUDED:  YES  NO

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	DEPTH	REMARKS/SAMPLE CONDITION
91-8011	#1	10/22/91		S	1												12'	SE Corner
8012	#2			S	1	✓											12'6"	E.S.
8013	#3			S	1												6'	E. Side
8014	#4			S	1												13'	E.W.
8015	#5			S	1	✓											5'6"	E.W.
8016	#6			S	1												13'	E.W.
8017	#7			S	1												6'6"	N.W.
8018	#8			S	1	✓											12'6"	N.W.
8019	#9			S	1												7'	N.W.
8020	#10			S	1												13'6"	N.W.

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Warren Weast</u>	<u>10/22/91</u> <u>13:40</u>		
			<u>10/22/91</u>

**SAMPLE DISPOSAL**

NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA**





NRC

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State of Oregon  
 DEPARTMENT OF ENVIRONMENTAL QUALITY  
 RECEIVED  
 SEP - 1 1992

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS  
 NRC# 91-8012  
 RECEIVED: 10-25-91  
 TIME: 13:40  
 REPORTED: 10-31-91

CLIENT MAILING ADDRESS: **SOUTHWEST REGION OFFICE**  
 Weast Service & Equipment  
 ATTN: Mr. Warren Weast  
 2580 Leonard Rd  
 Grants Pass, OR 97527

SAMPLE LOCATION:  
 Colvin Arco-Central Point  
 DEQ Facility ID# 6735  
 1065 E. Pine St.  
 Central Point, OR 97502

PHONE: 474-2789 Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 2  
 DEPTH : 12 feet 6 inches  
 COMMENTS:

TIME COLLECTED :  
 DATE COLLECTED : 10-22-91  
 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
 OF  
 TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 94%

ND - None Detected at Level Indicated  
 \*\* - Unable to calculate due to high contaminant level

APPROVED Fay Fowler

NRC

# COPY NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8015  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RECEIVED**  
SEP - 1 1992

**CLIENT MAILING ADDRESS:**

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

**SAMPLE LOCATION:**

**SOUTHWEST REGION OFFICE**  
Kelvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

**SAMPLE COLLECTION DATA**

SITE ID : # 5  
DEPTH : 5 feet 6 inches  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 81%

ND - None Detected at Level Indicated  
\*\* - Unable to calculate due to high contaminant level

APPROVED July Fowler

NRC

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HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8018 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY

CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

PHONE: 474-2789

RECEIVED SEP - 1 1992

SAMPLE LOCATION:

SOUTHWEST REGION OFFICE

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 8 DEPTH : 12 feet 6 inches COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline, Diesel, and Heavy Wt. with corresponding methods and results.

Spike Recovery: O-Terphenyl 83%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

NRC  
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State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

RECEIVED  
SEP - 1 1992

NRC# 91-8021  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

SAMPLE LOCATION:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 11  
DEPTH : 6 feet 6 inches  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 76%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

Fay Fowler

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HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY

NRC# 91-8022 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

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CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

SOUTHWEST REGION OFFICE Kevin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : #12 DEPTH : 13 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40).

Spike Recovery: O-Terphenyl 78%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

**NRC**  
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HYDROCARBON IDENTIFICATION  
 OF  
 TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8025  
 RECEIVED: 10-25-91  
 TIME: 13:40  
 REPORTED: 10-31-91

State of Oregon  
 DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RECEIVED**  
 SEP - 1 1992

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
 ATTN: Mr. Warren Weast  
 2580 Leonard Rd  
 Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
 DEQ Facility ID# 6735  
 1065 E. Pine St.  
 Central Point, OR 97502

Matrix: Soil

SOUTHWEST REGION OFFICE

SAMPLE COLLECTION DATA

SITE ID : # 15  
 DEPTH : 7 feet  
 COMMENTS:

TIME COLLECTED :  
 DATE COLLECTED : 10-22-91  
 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
 OF  
 TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 78%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowler*

NRC

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HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8028 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

CLIENT MAILING ADDRESS:

SAMPLE LOCATION:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

RECEIVED SEP - 1 1992 SOUTHWEST REGION OFFICE

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 19 DEPTH : 14 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6-C10), Diesel (C10-C28), and Heavy Wt. (C28-C40) with corresponding methods and results.

Spike Recovery: O-Terphenyl 79%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

NRC

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HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8031 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 21 DEPTH : 8 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40) with corresponding methods (OREGON DEQ) and units (mg/kg).

Spike Recovery: O-Terphenyl 74%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

**NRC**  
**COPY** **NEILSON RESEARCH CORPORATION**

ETHYLENE DIBROMIDE  
and  
ETHYLENE DICHLORIDE

NRC# 91-8033  
RECEIVED: 10-22-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water #2  
DEPTH :  
COMMENTS: Collected in Dup

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren Weast

EDB & EDC - Water

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
1-2-Dibromoethane (EDB)	EPA 502.2	mg/L	0.0005	ND@ 0.0005
1-2-Dichloroethane (EDC)	EPA 502.2	mg/L	0.0005	ND@ 0.0005

\* Surrogate Recovery (Bromofluorobenzene) 83%

ND - None Detected at Level Indicated

APPROVED Ray Fowler

NRC

NEILSON RESEARCH CORPORATION

COPY

INORGANIC METAL ANALYSIS  
LEAD

NRC# 91-8034  
RECEIVED: 10-22-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97520

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water #3  
DEPTH :  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

INORGANIC METAL ANALYSIS

ANALYST: D. Crump

ANALYSIS DATE: 10-24-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
Lead, Pb	EPA 239.2	mg/L	0.005	ND@ 0.005
pH	SM 4500-H+	pH units	0.01	7.41
Specific Conductance	SM 2510 B	uMHO/CM	0.1	570

ND - None Detected at Level Indicated

APPROVED Jay Fowler



NRC  
COPY

NEILSON RESEARCH CORPORATION

BTEX ANALYSIS  
Water

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RECEIVED**  
SEP - 1 1992

NRC# 91-8311  
RECEIVED: 11-1-91  
TIME: 08:40  
REPORTED: 11-8-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SOUTHWEST REGION OFFICE

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water  
DEPTH :  
COMMENTS:

TIME COLLECTED : 08:40  
DATE COLLECTED : 11-1-91  
COLLECTOR'S NAME: Brad Weast

BTEX ANALYSIS---Water

ANALYST: N. Engleson

ANALYSIS DATE: 11-1-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
Benzene	EPA 602	mg/L	0.001	0.003
Toluene	EPA 602	mg/L	0.001	ND@ 0.001
Ethylbenzene	EPA 602	mg/L	0.001	0.003
Total Xylenes	EPA 602	mg/L	0.001	0.002

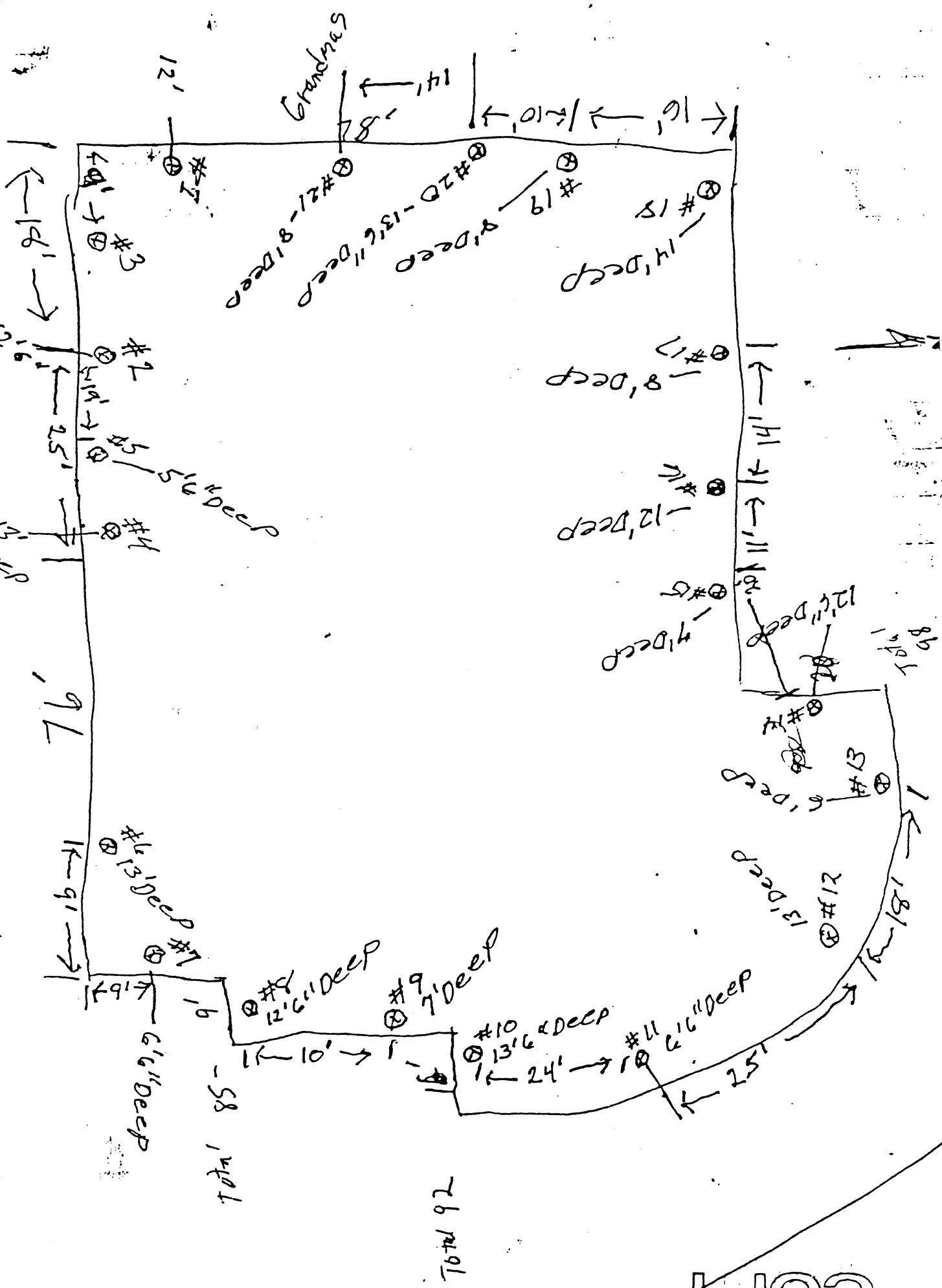
\* Surrogate Recovery (Bromofluorobenzene) 119%

ND - None Detected at Level Indicated

APPROVED

*Fay Fowler*

Pine St. Central Point



COPY



# UST Environmental Services Inc. COPY

Above Ground Tanks

Underground Tanks

Tank Lining - Testing

Site Assessments

Tank Decommissions

Remediation

Groundwater

Monitoring Wells

Environmental - Compliance

Hydro-Geological Studies

Wetlands

Soil-Matrix

Off/On-Site Soil Remediation

Drilling - H.S.A.

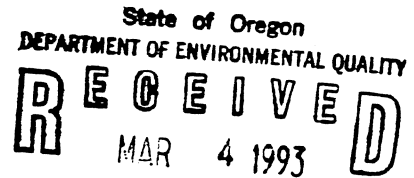
## ALBANY MAIN OFFICE

1720 S. Washington St.  
Albany, OR 97321  
(503) 928-8490  
FAX (503) 926-7324  
1-800-676-6994

## OTHER LOCATIONS:

- PORTLAND
- SALEM
- NEWPORT
- MEDFORD
- TILLAMOOK

March 1, 1993



**SOUTHWEST REGION OFFICE**

Mr. Byron Peterson  
Oregon DEQ  
201 W. Main Street, Suite 2-D  
Medford, OR 97501

**RE: Final soil sampling event, Colvin Oil, 20 S. Stage Road,  
Medford, OR 97501, Request for closure**

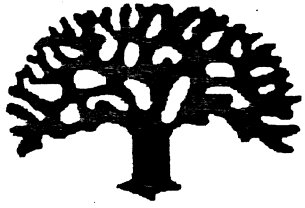
Dear Mr. Peterson:

Enclosed are the analytical results for the 25 soil samples collected at this site. Pursuant to our telephone conversation of February 17, 1993, we opted to collect a "representative" soil sample for every 125 yards of contaminated soil at this site.

It is my understanding that the soils at this location came from the Colvin Oil Company Medford III Fireball Gas site and the Medford II site on Court Street. Permission was obtained to combine the soils from both sites at this location.

Based on the analytical results and the observations of the field technician who collected the samples, the soils appear to be significantly remediated.

With your concurrence, we wish to spread the soils out and fill the low spots at this site. Some areas will be covered with a gravel finish or asphalt. The final spreading will not allow the soils to come into contact with groundwater or waterways. The site is located in an area where contact with humans is unlikely.



COPY

**UST Environmental Services Inc.**

Page 2

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After reviewing this information, please feel free to contact us directly if there are any questions about this report.

Sincerely,

Jason Klohk  
Soil Matrix Supervisor #12116

Bob Cyphers  
Program Manager



**FINAL ROUND SOIL ANALYSIS  
COLVIN OIL COMPANY  
20 S. Stage Road, Medford, OR 97501**

In February of 1993, Jason Klohk and Mike Reiling collected representative soil samples from the stockpiled soils at the Colvin Oil Bulk Plant located at the above address. Samples were collected by advancing a clean stainless steel hand sampling tube with a rubber mallet. The tube was advanced to various depths described in the proposed sampling methodology within the soil treatment and management plan. Each sample was collected by twisting off the brass tube sampler and taping each end with duct tape.

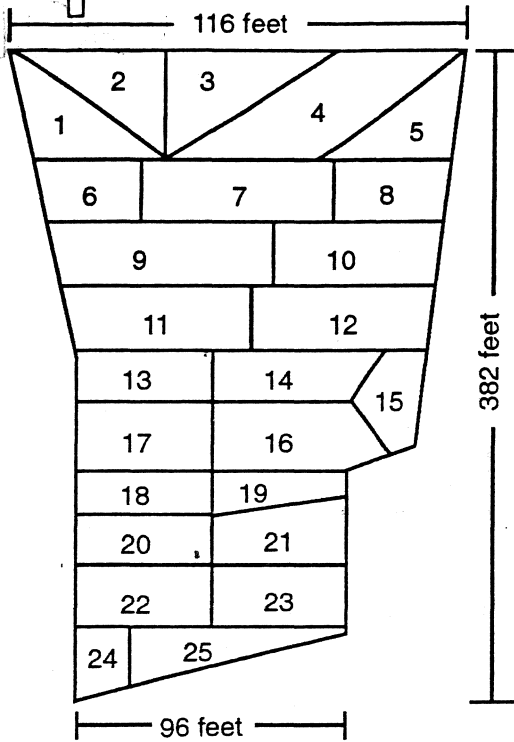
The samples were then logged on a Chain-of-Custody form, iced and transported to Environmental Science and Testing in Salem, Oregon for analysis.

Between sampling events, the sampling tube was pressure washed, rinsed with Aquinox solution and dried. The technician wore a pair of disposable gloves in between each sampling event. The visquine cover was again placed over the soils and the site was secured upon completion.

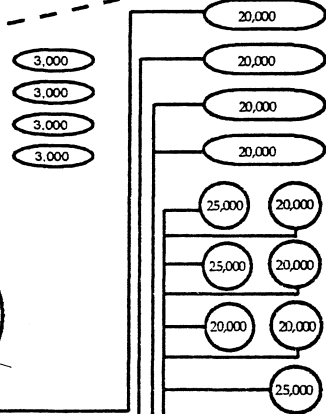
Samples collected were analyzed for TPH-G. The results are presented below.

<b>ANALYTICAL RESULTS</b>			
<b>Results Reported in Parts Per Million</b>			
SAMPLE LOCATION #	TPH-G	SAMPLE LOCATION #	TPH-G
1	<5	14	<5
2	<5	15	<5
3	<5	16	<5
4	<5	17	<5
5	<5	18	<5
6	<5	19	<5
7	<5	20	<5
8	<5	21	<5
9	<5	22	<5
10	<5	23	<5
11	<5	24	<5
12	<5	25	<5
13	<5		

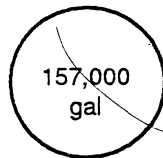
COPY



Earth Dike



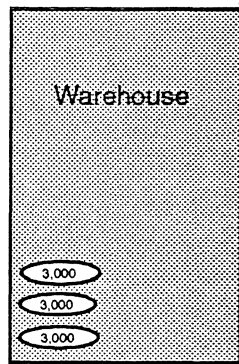
Separator Tank



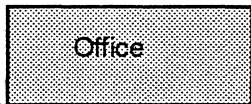
Tank Loading

Drain for Spill Recovery

Loading Rack →



Lube Oil Tanks



Office

← Security Fence

SOUTH STAGE ROAD

**COLVIN OIL COMPANY**  
20 S. Stage Rd., Medford, OR 97501

**SITE MAP - NOT TO SCALE**



**UST ENVIRONMENTAL SERVICES**

PROJECT NO.: CO

DATE: 3-1-93

PREPARED BY: SMITH

PLATE: 1



COPY

REA Environmental Science and Testing, Inc.  
Environmental Science and Testing

February 26, 1993

Jason Klohk, Project Manager  
UST Environmental  
1720 South Washington Street  
Albany, Oregon 97321

Dear Jason:

Please find enclosed the results of laboratory analysis for samples received on February 24, 1993 from project Colvin Stage Road located at Stage Road.

We appreciate the opportunity to be of service to you on this important project. If you have any questions regarding the enclosed information or if you wish to discuss other aspects of your project, please call.

Sincerely,

Environmental Science and Testing

Zachariah J. Purdie  
Laboratory Manager

Environmental Science and Testing

Kathleen J. Thorpe  
Laboratory Director



# REA Environmental Science and Testing, Inc.

Environmental Science and Testing

# COPY

### Report of Sample Analysis By DEQ Method TPH-G, Gasoline Quantification Using Gas Chromatography (GC/PID) Results Reported in Parts Per Million (mg/Kg)

Project: Colvin  
Project Location: the Stage Rd. Bulk Plant Medford site  
Attention: Jason Klohk, Project Manager  
Analyzed By: Zach Purdie

Date Samples Received: February 19, 1993  
Date of Report: February 24, 1993  
Report Number: 02594587.393

Page 1

Sample Number	Concentration (mg/Kg)	Sample Number	Concentration (mg/Kg)
SP-1	<5	SP-14	<5
SP-2	<5	SP-15	<5
SP-3	<5	SP-16	<5
SP-4	<5	SP-17	<5
SP-5	<5	SP-18	<5
SP-6	<5	SP-19	<5
SP-7	<5	SP-20	<5
SP-8	<5	SP-21	<5
SP-9	<5	SP-22	<5
SP-10	<5	SP-23	<5
SP-11	<5	SP-24	<5
SP-12	<5	SP-25	<5
SP-13	<5		

Quality Assurance	Method	SP-1 (Sample Duplicate)	Amount Spiked	Matrix Spike % Recovery	Matrix Spike Duplicate % Recovery
	Blank	<5	10	78%	79%

Approved By:  
Environmental Science and Testing

Zachariah J. Purdie  
Laboratory Manager

Approved By:  
Environmental Science and Testing

Kathleen J. Thorpe  
Laboratory Director



Chain-of-Custody - Analysis Request Form

SURVEY COLVIN OIL Stage Rd. Bulk Plant, Medford SAMPLERS: Signature Jason Klohk

Table with columns: CLIENT NUMBER, SAMPLE LOCATION, DATE, TIME, SAMPLE TYPE (WATER, SOIL), ANALYSIS REQUIRED. Rows SP-1 to SP-14.

RELINQUISHED BY: Signature Jason Klohk, Company Name UST Environmental Services. RECEIVED BY: Signature Zachariah Purdie, Company Name REA Environmental Science. DATE/TIME 2-19-93

RELINQUISHED BY: Signature, Company Name. RECEIVED BY: Signature, Company Name. DATE/TIME

DISPATCHED BY: Signature, DATE/TIME. RECEIVED FOR LABORATORY BY: DATE/TIME

METHOD OF SHIPMENT:



COPY

Chain-of-Custody - Analysis Request Form

SURVEY COLVIN OIL SAMPLERS: Signature
Stage Rd. Bulk Plant, Medford Jason Klohk

Table with columns: CLIENT NUMBER, SAMPLE LOCATION, DATE, TIME, SAMPLE TYPE (WATER, SOIL), ANALYSIS REQUIRED. Rows include SP-15 through SP-25 with corresponding dates and times.

RELINQUISHED BY: Signature Jason Klohk
Company Name Jason Klohk
UST Environmental Services
RECEIVED BY: Signature Zachariah Purdie
Company Name Zachariah Purdie
REA Environmental Science
DATE/TIME 2-19-93

RELINQUISHED BY: Signature
Company Name
RECEIVED BY: Signature
Company Name
DATE/TIME

DISPATCHED BY: Signature
DATE/TIME
RECEIVED FOR LABORATORY BY:
DATE/TIME

METHOD OF SHIPMENT:

# Colvin Oil Company

2520 Foothill Blvd.

20 South Stage Rd.

Brookings Plant

Grants Pass, Oregon 97526

Medford, Oregon 97501

820 Railroad Ave. Box 400

Phone (503) 479-5343

Phone (503) 772-6213

Brookings, Oregon 97415

Phone (503) 469-2434

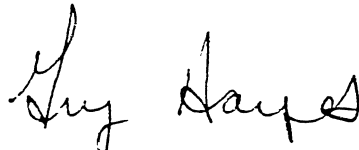
Sept. 18, 1991

Dept. of Environmental Quality  
201 Main Street  
Medford, Oregon

Re: Letter of Authorization for Disposal of Petroleum  
Contaminated Soil

This request is for authorization to store and treat gasoline contaminated soil on Colvin Oil Company's 7 acre lot located at 20 South Stage Road. The amount of soil will be approximately 300 cubic yards taken from our service station in Central Point, 1065 East Pine. — 2000 Yards

The soil will be spread over a large area and will be aerated per DEQ guidelines. The disposal site is an isolated lot with no public access. We will be testing and monitoring the soil to prevent any off-site problems.



Greg Hayes

Colvin Oil Company

2439 1000  
10/11/91  
GH/dh

DEPARTMENT OF ENVIRONMENTAL QUALITY  
LAND USE COMPATIBILITY REQUIREMENT FOR ENVIRONMENTAL PERMITS/APPROVALS

COPY

1 Department of Environmental Quality requires regulatory source permits/approvals for facilities that discharge or release pollutants into the environment. Through these permits, specific environmental criteria or standards must be met. The criteria and standards are intended to ensure that public health, safety and the environment are protected.

Land uses that are subject to environmental regulations must also comply with local government planning regulations. Land uses are classified into land use zones, in part due to their general impact on and compatibility with other types of uses. It is the Department's policy that proof of local land use compatibility be submitted with a source permit application. This assures that the type of land use and activities in conjunction with that use have been reviewed and approved by local government before a permit is processed and issued.

I. NEW PERMITS/APPROVALS. The Department of Environmental Quality requires that a Land Use Compatibility Statement (LUCS) from the affected local government(s) be submitted with an application for the following:

1. Air Contaminant Discharge Permits (ACDP)
2. Noise Impact Boundaries for Racing Facilities
3. Airport Abatement Plan/Noise Impact Boundaries
4. Air Indirect Source Construction Permits
5. Parking and Traffic Circulation Plans
6. Solid Waste Disposal Permits/Authorization Letter
7. Waste Tire Storage Permits
- \* 8. HW/PCB Storage, Treatment and Disposal Permits
9. Pollution Control Bond Fund Requests
10. Wastewater System Facility/Sewer System Plans
11. Water Quality Construction Grants
12. Municipal Wastewater Treatment System State Revolving Loan Requests
13. Certification of Water Quality Standards for Federal Permits
14. On-Site Sewer Permits
15. Water Discharge Permits (NPDES/WPCF/General)

PERMIT MODIFICATION/RENEWAL. A permit modification requires an approved LUCS if any of the following apply: (1) The permitted source or activity involves the use of additional property or a physical expansion on the existing property. The LUCS applies to physical changes on the property, not to existing permit conditions; (2) The permitted source or activity involves a significant increase in discharge to state waters or into the ground; (3) The permitted source or activity involves the relocation of an outfall outside of the source property; (4) For a major modification of an air contaminant discharge permit, which means any physical change or change of operation of a source that results in a net significant emission rate increase as defined in OAR 340-20-225(25).

A permit renewal requires an approved LUCS if the renewal is to address a modification which applies to (1), (2), (3), or (4) above, or if an approved LUCS was not provided for the existing permit.

An applicant seeking a Department permit or approval is required to submit a LUCS to the affected local government(s) for a determination of compatibility with the local comprehensive plan(s). Typically, a local compatibility review includes a determination that the use or proposed use is allowable within its given zoning designation. The local government must include written findings of fact substantiating its determination. Required findings must: 1) State the relevant criteria, standards or policies; 2) State the facts relied upon in rendering the decision; and 3) State the conclusions and reasoning, referencing applicable policies. For example, if a use is allowed outright, a copy of the zone provision or citation and summary would constitute sufficient findings. If a review of some sort is required, the findings must include the review criteria and review conclusions.

In cases where a city and county share jurisdiction, a compatibility determination, sign off, written findings are required from both entities.

DEQ administrative rule Division 20 requires specific findings.

LAND USE COMPATIBILITY STATEMENT  
(read page 1 before completing)

COPY

38-1W-05-3000

SECTION I - COMPLETED BY APPLICANT

Name: COLVIN OIL CO Address: 20 So. STAGE MEOFORD OR  
City State Zip

Phone: 772-6213 Type of permit/approval: SPECIAL PERMIT

Application to DEQ will be for:  New Permit/Plan Approval  Permit Renewal  
 LETTER OF AUTHORIZATION  Permit Modification  Authorization Letter

Name and address of business: COLVIN OIL CO 20 So. STAGE RD

Describe the type of business and product or service the business provides:  
WHOLESALE GASOLINE, DIESEL OIL

If not a new source, explain the change in circumstances that require a permit/approval:

Describe the specific source/facility that requires a permit/approval:  
OPEN LOT BE HIND BULK FACILITY AT  
20 SO STAGE RD

For permit modification/renewal only: Does the criteria in section II, page 1 apply to the proposed permit modification or renewal?  Yes  No  
Explain basis for determination:

If yes, describe how the changes may impact land uses, i.e. increased air emissions, water discharges or noise levels; impacts on transportation system, etc.:

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
RECEIVED  
SEP 24 1991

SOUTHWEST REGION OFFICE

SECTION II - COMPLETED BY LOCAL GOVERNMENT

Business/facility location:  Inside city limits  Inside UGB  Outside UGB

What local government(s) has planning jurisdiction over this use? Tacoma County

Is the local plan currently acknowledged?  Yes  No If no, is this use affected by any portion of the plan which is not acknowledged?  Yes  No

Name of business/facility:

- \*Is an allowed outright use.
- Is allowed subject to siting, design, construction or operational standards.
- C.  Is allowed subject to conditional use or review requirements which require public notice.
- D.  Is prohibited by the plan.
- E.  Is not addressed by the plan.

This means the use may exist without any further local planning conditions or authorizations.

COPY

DEPARTMENT OF ENVIRONMENTAL QUALITY  
Sixth Avenue  
Salem, Oregon 97204

LAND USE COMPATIBILITY STATEMENT  
(read page 1 before completing)

BE COMPLETED BY APPLICANT

Name: COLVIN OIL CO Address: 20 So. STAGE MEOFORD OR  
City State Zip

Phone: 772-6213 Type of permit/approval: SPECIAL PERMIT

Application to DEQ will be for:  New Permit/Plan Approval  Permit Renewal  
 LETTER OF AUTHORIZATION  Permit Modification  Authorization Letter

Name and address of business: COLVIN OIL CO 20 So. STAGE RD

Describe the type of business and product or service the business provides:  
WHOLESALE GASOLINE, DIESEL & OIL

If not a new source, explain the change in circumstances that require a permit/approval:

Describe the specific source/facility that requires a permit/approval:  
OPEN LOT BE HIND BULK FACILITY AT  
20 So STAGE RD

For permit modification/renewal only: Does the criteria in section II, page 1 apply to the proposed permit modification or renewal?  Yes  No

Explain basis for determination:

If yes, describe how the changes may impact land uses, i.e. increased lot coverage; increased air emissions, water discharges or noise levels; impacts to transportation system, etc.:

BE COMPLETED BY LOCAL GOVERNMENT

Business/facility location:  Inside city limits  Inside UGB  Outside UGB

What local government(s) has planning jurisdiction over this use? \_\_\_\_\_

Is the local plan currently acknowledged?  Yes  No If no, is this use affected by any portion of the plan which is not acknowledged?  Yes  No

The business/facility:

- A.  \*Is an allowed outright use.
- B.  Is allowed subject to siting, design, construction or operational standards.
- C.  Is allowed subject to conditional use or review requirements which require public notice.
- D.  Is prohibited by the plan.
- E.  Is not addressed by the plan.

\* This means the use may exist without any further local planning conditions or authorizations.

COPY

If A. applies, identify or provide duplicate copy of applicable zone/provisions and state specific name of the designated allowed use applied to this business/facility.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If applicable, have the additional requirements under B. or C. been met? NA Yes \_\_\_ No

Date of decision or expected decision: \_\_\_\_\_

Written findings are required for determinations checked under section 9. B, C, D and E. Findings may include plan policies, criteria, conditions, standards or related regulations. (State findings below or attach separately to statement.) If the activity is not addressed in the plan, under 9. E., compatibility findings must be based on the statewide goals.

Contaminated soil cannot be placed closer than 100 feet to the west property line, or 50 feet from the remaining property lines.

10. Is public notice and opportunity for public hearing required? \_\_\_ Yes X No

If yes, date of notice: \_\_\_\_\_ Date of public hearing: \_\_\_\_\_

If a public hearing was held, attach a summary or hearing report.

11. Would the city/county like to receive a copy of DEQ's public notice regarding this source? X Yes \_\_\_ No

REQUIRED SIGNATURES

City land use jurisdiction: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

County land use jurisdiction: Jackson County Phone: 776-7554

Signature: Al Prairie Title: Planning Supervisor Date: 9-19-91

Please direct questions to the Management Services Division at 800-452-4011 or 229-6408, or contact the Division responsible for processing the application (Air, Water, Solid Waste) through the above toll free number.

15-91-119 SWR

COPY

Oregon Department of Environmental Quality  
UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 6735

DATE: 9-24-91

FACILITY NAME: Colvin Oil Co.

FACILITY ADDRESS: 1065 E Pine St

Central Point, Ore 97502

PHONE: 664-3570

State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

RECEIVED  
DEC 04 1992

The following information **MUST** be submitted by the underground storage tank owner or operator to the DEQ Regional Office within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 through -150)

SOUTHWEST REGION OFFICE

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

A. DATES:

Decommissioning/Service Change Notice - Date Submitted: \_\_\_\_\_ (30 days before work starts)

Work Start Telephone Notice - Date Submitted: 9-14-91 (3 working days before work starts)

DEQ Person Notified: Byron Peterson

Date Work Started: 9-24-91

Date Work Completed: 12-20-91

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 9-24-91 By: Warren West

DEQ Person Notified: Byron Peterson

Backfill Telephone Notice - Date Called: 12-2-91 (before backfilling)

DEQ Person Notified: Byron Peterson

Department of Environmental Quality  
RECEIVED  
NOV 30 1992  
Bohm  
UST Compliance Section

B. PERMITS:

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

DEQ Water Discharge Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

Disposed to (Location): 20 stage Rd Medford OR

DEQ Solid Waste Disposal Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

E. CONTAMINATION INFORMATION:

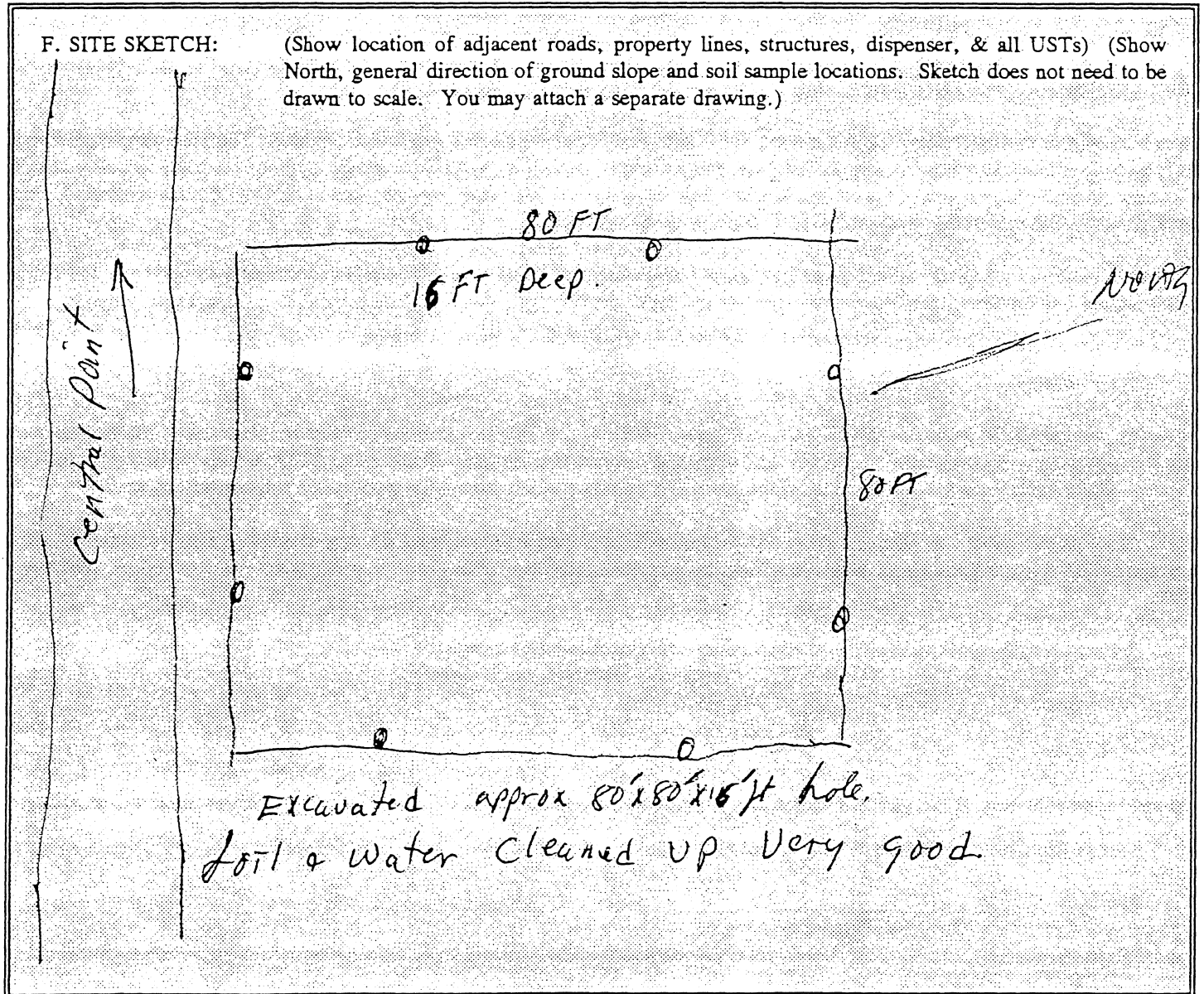
COPY

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1					Nielson
2					Nielson
3					Nielson

\* Note: Sampling is required if groundwater is encountered. See cleanup rules.

F. SITE SKETCH:

(Show location of adjacent roads, property lines, structures, dispenser, & all USTs) (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)



# COPY

## Oregon Department of Environmental Quality UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

DEQ FACILITY NUMBER: 6735 DATE: 9-25-91  
FACILITY NAME: Colvin Oil Co.  
FACILITY ADDRESS: 1065 E Pine St  
Central Point, Ore  
PHONE: 664 3570

### A. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: Badger B200-2 20lb Recharge Date: 8-1-91  
Combustible Gas Detector: Model: CMX 271 Calibration Date: 8-1-91  
Oxygen Analyzer: Model: CMX 271 Calibration Date: 8-1-91

### B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)

1. All electrical equipment grounded and explosion proof?
2. Safety equipment on job site?
3. Overhead electrical lines located?
4. Subsurface electrical lines off or disconnected?
5. Natural gas lines off or disconnected?
6. No open fires or smoking material in area?
7. Vehicle and pedestrian traffic controlled?
8. Excavation material area cleared?
9. Rainwater runoff directed to treatment area?
10. Drained and collected product from lines?
11. Removed product and residual from tank?
12. Cleaned tank?
13. Excavated to top of tank?
14. Removed tank fixtures? (pumps, leak detection equip.
15. Removed product, fill and vent lines?

Department of Environmental Quality  
**RECEIVED**  
NOV 30 1992  
Bohm  
UST Compliance Section

Yes	No	Unk	N/A
✓			
✓			
✓			
✓			
✓			
✓			
✓			
	✓		
✓			
✓			
✓			
✓			
✓			
✓			

### C. TANK ABANDONMENT IN-PLACE:

16. Sampling plan approved by DEQ?  
Date: \_\_\_\_\_ DEQ Staff: \_\_\_\_\_

	✓		
--	---	--	--

F. WORK PERFORMED BY:

COPY

DEQ Service Provider's License #: 10536

Name: Weast Service Inc.

Telephone: 474-2759

DEQ Decommissioning Supervisor's License #: 10430

Name: Warren Weast

Telephone: 474 2789

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.
2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to: Department of Environmental Quality  
UST Program - Decommissioning Checklist  
811 S.W. Sixth Ave.  
Portland, Oregon 97204

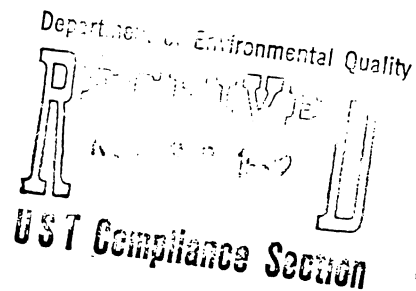
I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Warren Weast Date: 9-24-91  
(Licensed Supervisor)

Signature: Mark Colvin Date: 9-24-91  
(Owner or Operator)

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

COPY



DEPARTMENT OF  
ENVIRONMENTAL  
QUALITY

Colvin Oil Co.  
1065 E Pinest  
Central Point, OR 97502

Dear Tank Owner:

The Department of Environmental Quality (DEQ) received notice that you intended to remove some or all of your underground storage tanks at least 30 days ago, at your facility #6735. As part of your packet of information on the decommissioning, you received a Decommissioning Service Change Report and a Decommissioning Checklist. These reports were to have been completed and returned to the Department 30 days after the decommissioning was done.

If these reports are not received by November 30th you will receive a UST annual compliance invoice for 1993. To avoid this, please submit these reports as soon as possible.

Enclosed you will find a copy of the requested reports. Please complete and return the reports to the Department as soon as possible. If you have any further questions please feel free to call me at 229-5733.

Sincerely

A handwritten signature in cursive script that reads "Cindy Salter".

Cindy Salter  
Office Specialist  
UST Compliance  
Hazardous & Solid Waste

enclosures



811 SW Sixth Avenue  
Portland, OR 97204-1390  
(503) 229-5696  
TDD (503) 229-6993  
DEQ-1



To: Darby ECD  
4-16-93

\* PETROLEUM RELEASE FORM \*

PLEASE CHECK ALL THAT APPLY

COPY

---INCIDENT INFORMATION---

REG NUMBER: 15-91-119

DATE RECEIVED: 10-22-91

DEQ CONTACT NAME: S. PETERSON

ST FAC. NUMBER: #6735

EMERGENCY RESPONSE: Y  N

SOURCE OF RELEASE:  Y N U

SITE LOCATION: COWIN OIL Co.

BULK FACILITY: Y  N

REGULATED UST:  Y N

ADDRESS: 1065 F PINE ST.

AST \_\_\_\_\_

HSRAF \_\_\_\_\_

CITY: CENTRAL POINT ZIP: 97502

OHC \_\_\_\_\_

OTHER \_\_\_\_\_

COUNTY: DACKSON PHONE: 772-6213

---MAIL TYPES---

SITE CONTACT:

Name: GREG HAYES

TANK OWNER:

Name: GREG HAYES

RESPONSIBLE PARTY:

Name: GREG HAYES

Company: COWIN OIL Co.

Company: COWIN OIL Co.

Company: COWIN OIL Co.

Address: 20 SOUTH STAGE ROAD

Address: 20 SOUTH STAGE RD

Address: 20 SOUTH STAGE RD

City: MEDFORD Zip: 97501

City: MEDFORD Zip: 97501

City: MEDFORD Zip: 97501

State: OR Phone: 772-6213

State: OR Phone: 772-6213

State: OR Phone: 772-6213

---SITE ASSESSMENT---

DATE DISCOVERED: 10-22-91

DATE INVESTIGATED: 10-22-91

INVESTIGATED BY: \_\_\_\_\_

GALLONS RELEASED: UNK

PRIORITY: \_\_\_\_\_

INVEST. COMPLETED:  Y N    RELEASE EXISTS:  Y N    CLEANUP NECESSARY:  Y N    OFFSITE MIGRATION: Y  N U

CONFIRMATION METHOD: SI) Staff    LD) Lab:DEQ    LR) Lab:RP    LO) Lab:OTHER    RR) RP Report    OT) Other

HOW DISCOVERED: RM) Routine Monitoring     DC) Decommissioning    CP) Complaint    OT) Other  
IC) Inventory Control    SA) Site Assessment    TT) Tank Test

CAUSE OF RELEASE: TL) Tank Leak    OF) Overfill    PV) Pump/Valve Leak    OT) Other  
PL) Pipe Leak    SS) Surface Spill    UN) Unknown

MATERIAL RELEASED: UG) Unleaded Gasoline    HO) Heating Oil    LB) Lubricant    UN) Unknown  
LG) Leaded Gasoline    WO) Waste Oil    OP) Other Pet. Dist.  
 MG) Misc. Gasoline    FO) Fuel Oil    SV) Solvent  
DS) Diesel    BF) Bunker Fuel    CH) Chemical

IMPACTS: Soil     Y  N  U    Drinking Water    Y  N  U  
Groundwater     Y  N  U    Facility (Vapor)    Y  N  U  
Surface Water    Y  N  U    Facility (Free Product)    Y  N  U

---SITE MANAGEMENT---

CLEANUP ACTIVITY: Date Release Stopped: 10-22-91

Control Date: 10-30-91

Cleanup Start Date: 10-22-91

Cleanup End Date: 3-4-93

CLEANUP GUIDELINE: Matrix C.A.P.

CLEANUP LEAD: RP State

LUST CONTRACTOR: Warren West

DISPOSAL - FREE PRODUCT: \_\_\_\_\_

Company: WEST ELEMENT

DISPOSAL - SOIL: \_\_\_\_\_

Address: 2580 LEONARD ROAD

DISPOSAL - SLUDGE: \_\_\_\_\_

City: GRANTS PASS Zip: 97527

Disposal Location: COWIN B/P, SOUTH ST.

State: OR Phone: 474-2789

Removal Date: 10-22-91

ENFORCEMENT ACTION: Y  N Type: \_\_\_\_\_

COST RECOVERY INITIATED: Y N

COMMENTS: off site soil - TREATED ON AN DETECTION.

NOTE: THIS FILE WAS  
ASSIGNED TO THE EUGENE  
OFFICE FOR A FEW YEARS.

THEREFORE,  
ALSO SEE ACCOMPANYING  
FILE FOR POSSIBLE OTHER  
DOCUMENTS NOT INCLUDED  
IN HERE.

FROM THIS TIME FORWARD,  
ALL NEW DOCUMENTS WILL  
BE FILED IN THIS FILE.

May 3, 2000

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8028 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

CLIENT MAILING ADDRESS:

SAMPLE LOCATION:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

RECEIVED SEP - 1 1992 SOUTHWEST REGION OFFICE

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 19 DEPTH : 14 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline, Diesel, and Heavy Wt. with corresponding C6-C10, C10-C28, and C28-C40 ranges.

Spike Recovery: O-Terphenyl 79%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8025 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

DEPARTMENT State of Oregon ENVIRONMENTAL QUALITY RECEIVED SEP - 1 1992 SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 15 DEPTH : 7 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 6 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40) with OREGON DEQ methods and mg/kg units.

Spike Recovery: O-Terphenyl 78%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED Fay Fowler

NRC

# NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RECEIVED**  
SEP - 1 1992

NRC# 91-8022  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

SOUTHWEST REGION OFFICE

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : #12  
DEPTH : 13 feet  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 78%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowles*

NRC

**NEILSON RESEARCH CORPORATION**

State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

RECEIVED  
SEP - 1 1992

NRC# 91-8021  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 11  
DEPTH : 6 feet 6 inches  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 76%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowler*

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8018 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY

RECEIVED SEP - 1 1992

SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

SAMPLE LOCATION:

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 8 DEPTH : 12 feet 6 inches COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40) with methods OREGON and DEQ, units mg/kg, and limits 20 and 50. All test results are ND.

Spike Recovery: O-Terphenyl 83%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED [Signature: Fay Fowler]

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8015 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY RECEIVED SEP - 1 1992

CLIENT MAILING ADDRESS:

SAMPLE LOCATION:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

SOUTHWEST REGION OFFICE

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 5 DEPTH : 5 feet 6 inches COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6-C10), Diesel (C10-C28), and Heavy Wt. (C28-C40).

Spike Recovery: O-Terphenyl 81%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY RECEIVED SEP - 1 1992

NRC# 91-8012 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

SOUTHWEST REGION OFFICE

SAMPLE LOCATION:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 2 DEPTH : 12 feet 6 inches COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40).

Spike Recovery: O-Terphenyl 94%

ND - None Detected at Level Indicated \*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

NRC

NEILSON RESEARCH CORPORATION

BTEX ANALYSIS  
Water

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
RECEIVED  
SEP - 1 1992

NRC# 91-8311  
RECEIVED: 11-1-91  
TIME: 08:40  
REPORTED: 11-8-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SOUTHWEST REGION OFFICE

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water  
DEPTH :  
COMMENTS:

TIME COLLECTED : 08:40  
DATE COLLECTED : 11-1-91  
COLLECTOR'S NAME: Brad Weast

BTEX ANALYSIS---Water

ANALYST: N. Engleson

ANALYSIS DATE: 11-1-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
Benzene	EPA 602	mg/L	0.001	0.003
Toluene	EPA 602	mg/L	0.001	ND@ 0.001
Ethylbenzene	EPA 602	mg/L	0.001	0.003
Total Xylenes	EPA 602	mg/L	0.001	0.002

% Surrogate Recovery (Bromofluorobenzene) 119%

ND - None Detected at Level Indicated

APPROVED Fay Fowler

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory

245 S. Grape St., Medford, OR 97501-3123

(503) 770-5678 or Fax (503) 770-2901

## Chain of Custody Record

Date 11-1-91

Page 1 of 1

Attention: Mr. Warren Weast

Results and Invoice to: Weast Service & Equipment

Address: 2580 Leonard Road  
Grants Pass, OR 97527

Phone: (503) 474-2789 Sampled By: Brad

Fax #: \_\_\_\_\_ P.O. #: \_\_\_\_\_

**REPORTING REQUEST**

Preliminary: Fax  Verbal

Final: Written  Fax

RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**PROJECT INFORMATION**

Project Number: \_\_\_\_\_

Project Name: Colvin Oil Sp

Attention: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

**SPECIAL INSTRUCTIONS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
 \_\_\_\_\_  
 \_\_\_\_\_

FIELD BLANK INCLUDED:  YES  NO

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH/100 - OR DEQ	
	TPH/G - OR DEQ	
	TPH/D - OR DEQ	
	BTEX - EPA 8000/SOIL	
	BTEX & TPH/G / SOIL	
	UAL VOL - EPA 8010	
	PCBS - EPA 8000/SOIL	
	TCLP + 4 METALS - 1311	
	TPH/100 - OR DEQ MOD	
	TPH - EPA 418.1 (OLD)	
	FLASH POINT - ASTM D3628	
	BTEX - EPA 802/WATER	
	PAHs - EPA 810	
	LEAD - EPA 7421	
EDB/EC - EPA 8010/SOIL		
PCBS - EPA 800/WATER		

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	DEPTH	REMARKS/SAMPLE CONDITION
<u>918311</u>	<u>water</u>	<u>11-1-91</u>	<u>8:40</u>	<u>water</u>	<u>2</u>		<u>Collected in Duplicate</u>

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Brad Weast</u>	<u>11-1-91</u>		
<u>Brad Weast</u>	<u>8:40</u>		
/			
/			
		REC'D. BY (LABORATORY) <u>L. Murray/NRC</u>	<u>11-1-91</u>
			<u>8:40</u>

**SAMPLE DISPOSAL**

NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA**

SHIPPED VIA: UPS Fed-Ex Bus Hand



**NEILSON RESEARCH CORPORATION**

INORGANIC METAL ANALYSIS  
LEAD

NRC# 91-8034  
RECEIVED: 10-22-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97520

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water #3  
DEPTH :  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

INORGANIC METAL ANALYSIS

ANALYST: D. Crump

ANALYSIS DATE: 10-24-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
Lead, Pb	EPA 239.2	mg/L	0.005	ND@ 0.005
pH	SM 4500-H+	pH units	0.01	7.41
Specific Conductance	SM 2510 B	uMHO/CM	0.1	570

ND - None Detected at Level Indicated

APPROVED Jay Fowler

**NEILSON RESEARCH CORPORATION**

ETHYLENE DIBROMIDE  
and  
ETHYLENE DICHLORIDE

NRC# 91-8033  
RECEIVED: 10-22-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water #2  
DEPTH :  
COMMENTS: Collected in Dup

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren Weast

EDB & EDC - Water

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
1-2-Dibromoethane (EDB)	EPA 502.2	mg/L	0.0005	ND@ 0.0005
1-2-Dichloroethane (EDC)	EPA 502.2	mg/L	0.0005	ND@ 0.0005

% Surrogate Recovery (Bromofluorobenzene) 83%

ND - None Detected at Level Indicated

APPROVED

*Jay Fowler*

**NEILSON RESEARCH CORPORATION**

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8031  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 21  
DEPTH : 8 feet  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 74%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowler*

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8031  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 21  
DEPTH : 8 feet  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 74%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowler*

NRC

NEILSON RESEARCH CORPORATION

TPH - GASOLINE

NRC# 91-7681  
RECEIVED: 10-9-91  
TIME: 16:00  
REPORTED: 10-10-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin - Arco  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : Soil Bottom  
DEPTH : 16 Feet  
COMMENTS: Bottom

TIME COLLECTED : 15:30  
DATE COLLECTED : 10-9-91  
COLLECTOR'S NAME: Brad Weast

TPH - GASOLINE

ANALYST: N. Engleson

ANALYSIS DATE: 10-10-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
TPH - Gasoline	DEQ MODIFIED: EPA 5030 EPA 8020	mg/kg	1	ND @ 1

% Surrogate Recovery (Bromofluorobenzene) 124%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED Fay Fowler



# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory  
 245 S. Grape St., Medford, OR 97501-3123  
 (503) 770-5678 or Fax (503) 770-2901

## Chain of Custody Record

Date 10/22/91 Page 1 of 3

Attention: Mr. Warren Weast  
 Results and Invoice to: Weast Service & Equipment  
 Address: 2580 Leonard Road  
Grants Pass, OR 97527  
 Phone: (503) 474-2789 Sampled By: Warren  
 Fax #: \_\_\_\_\_ PO. #: \_\_\_\_\_

**PROJECT INFORMATION**  
 Project Number: GAS TANK PIT  
 Project Name: Colvin-Arco Central Point  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**SPECIAL INSTRUCTIONS:**  
DO HClD ON EACH WALL  
then proceed with  
needed TPH G, D, M  
418.1M on soils -

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
  
  
 FIELD BLANK INCLUDED:  YES  NO

**REPORTING REQUEST**  
 Preliminary: Fax  Verbal   
 Final: Written  Fax   
 RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	DEPTH	REMARKS/SAMPLE CONDITION
91-8011	#1	10/22/91		S	1												12'	SE Corner AS ON MAP 4, JARS
8012	#2			S	1	✓											12'6"	E.S.
8013	#3			S	1												6'	E. Side
8014	#4			S	1												13'	E.W.
8015	#5			S	1	✓											5'6"	E.W.
8016	#6			S	1												13'	E.W.
8017	#7			S	1												6'6"	N.W.
8018	#8			S	1	✓											12'6"	N.W.
8019	#9			S	1												7'	N.W.
8020	#10			S	1												13'6"	N.W.

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Warren Weast</u> Warren Weast	<u>10/22/91</u> 13:40		
		REC'D. BY (LABORATORY) <u>Jay L. Fowler</u>	<u>10/22/91</u> 13:40

**SAMPLE DISPOSAL**  
 NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA** N  
 SHIPPED VIA: UPS Fed-Ex Bus Hand

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory  
 245 S. Grape St., Medford, OR 97501-3123  
 (503) 770-5678 or Fax (503) 770-2901

# Chain of Custody Record

Date 10/22/91 Page 2 of 3

Attention: Mr. Warren Weast  
 Results and Invoice to: Weast Service & Equipment  
 Address: 2580 Leonard Road  
Grants Pass, OR 97527  
 Phone: (503) 474-2789 Sampled By: Warren  
 Fax #: \_\_\_\_\_ P.O. #: \_\_\_\_\_

**PROJECT INFORMATION**  
 Project Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**SPECIAL INSTRUCTIONS:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
  
 FIELD BLANK INCLUDED:  YES  NO

**REPORTING REQUEST**  
 Preliminary: Fax  Verbal   
 Final: Written  Fax   
 RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	DEPTH	REMARKS/SAMPLE CONDITION
91-8021	#11	10/22/91		S	1	✓											6'6"	N.W. AS PER MAP & JARS
8022	#12				1	✓											13'	N.W.
8023	#13				1												6'	W.W.
8024	#14				1												12'6"	W.W.
8025	#15				1	✓											7'	W.W.
8026	#16				1												12'	W.W.
8027	#17				1												8'	W.W.
8028	#18				1	✓											14'	W.W.
8029	#19				1												8'	S.W.
8030	#20				1												13'6"	S.W.

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Warren Weast</u>	<u>10/22/91</u>		
	<u>13:40</u>		
		REC'D. BY (LABORATORY) <u>Jay L Fowler</u>	<u>10/22/91</u>
			<u>13:40</u>

**SAMPLE DISPOSAL**  
 NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA**  N  
**SHIPPED VIA:** UPS Fed-Ex Bus  Hand



January 25, 1994

DEPARTMENT OF  
ENVIRONMENTAL  
QUALITY

WESTERN REGION

ELLIOTT ZAIS  
DAVID BROWN & ASSOCIATES  
7150 SW FIR LOOP  
TIGARD OR 97223

Re: INVOICE - Photocopies  
LUST File #15-91-0119  
Colvin Oil Co., 1065 E. Pine  
Central Point

Dear Mr. Zais:

Enclosed are the file copies you requested. DEQ charges 25 cents per copy, plus postage:

Copies	38 x .25	=	\$9.50
Postage			<u>1.21</u>
Total			\$10.71

Please make your check payable to DEQ in the amount of \$10.71 and send it to:

Department of Environmental Quality  
201 W. Main St. Suite 2-D  
Medford, OR 97501

We will send you a receipt after receiving the payment. If you have any questions please call me.

Sincerely



Mari Belsky  
UST Office Specialist

mb  
Enclosures



201 W Main, Suite 2-D  
Medford, OR 97501  
(503) 776-6010  
FAX (503) 776-6262  
DEQ/SWR 103



# UST Environmental Services Inc.

Above Ground Tanks

Underground Tanks

Tank Lining - Testing

Site Assessments

Tank Decommissions

Remediation

Groundwater

Monitoring Wells

Environmental - Compliance

Hydro-Geological Studies

Wetlands

Soil-Matrix

Off/On-Site Soil Remediation

Drilling - H.S.A.

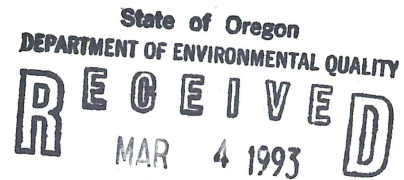
## ALBANY MAIN OFFICE

1720 S. Washington St.  
Albany, OR 97321  
(503) 928-8490  
FAX (503) 926-7324  
1-800-676-6994

## OTHER LOCATIONS:

- PORTLAND
- SALEM
- NEWPORT
- MEDFORD
- TILLAMOOK

March 1, 1993



**SOUTHWEST REGION OFFICE**

Mr. Byron Peterson  
Oregon DEQ  
201 W. Main Street, Suite 2-D  
Medford, OR 97501

**RE: Final soil sampling event, Colvin Oil, 20 S. Stage Road,  
Medford, OR 97501, Request for closure**

Dear Mr. Peterson:

Enclosed are the analytical results for the 25 soil samples collected at this site. Pursuant to our telephone conversation of February 17, 1993, we opted to collect a "representative" soil sample for every 125 yards of contaminated soil at this site.

It is my understanding that the soils at this location came from the Colvin Oil Company Medford III Fireball Gas site and the Medford II site on Court Street. Permission was obtained to combine the soils from both sites at this location.

Based on the analytical results and the observations of the field technician who collected the samples, the soils appear to be significantly remediated.

With your concurrence, we wish to spread the soils out and fill the low spots at this site. Some areas will be covered with a gravel finish or asphalt. The final spreading will not allow the soils to come into contact with groundwater or waterways. The site is located in an area where contact with humans is unlikely.

STATE OF CALIFORNIA  
DEPARTMENT OF REVENUE  
SOUTHWEST REGION OFFICE  
1981

SOUTHWEST REGION OFFICE



# UST Environmental Services Inc.

Page 2

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After reviewing this information, please feel free to contact us directly if there are any questions about this report.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jason Klohk".

Jason Klohk  
Soil Matrix Supervisor #12116

A handwritten signature in blue ink, appearing to read "Bob Cyphers".

Bob Cyphers  
Program Manager



# UST Environmental Services Inc.

Page 3

**FINAL ROUND SOIL ANALYSIS  
COLVIN OIL COMPANY  
20 S. Stage Road, Medford, OR 97501**

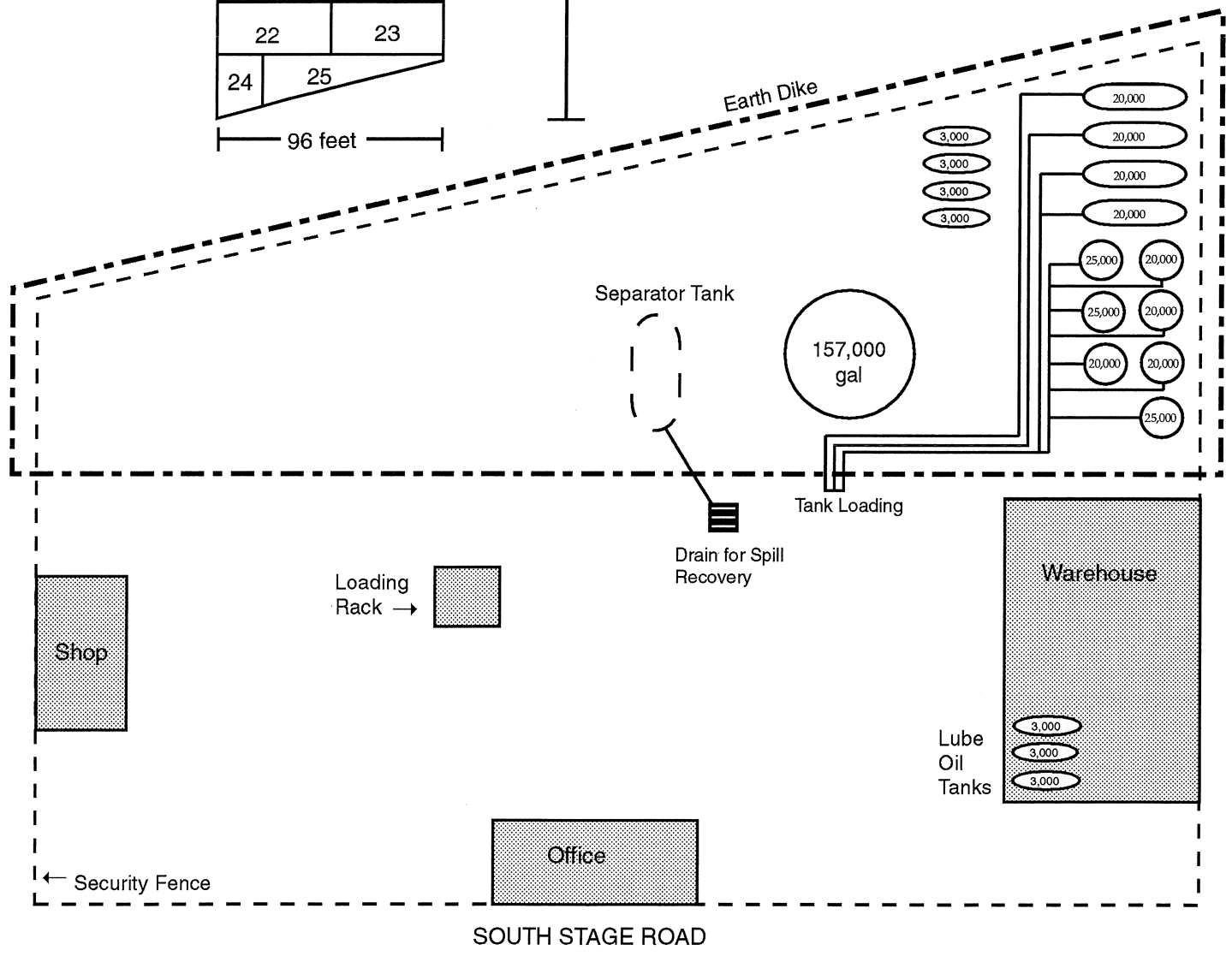
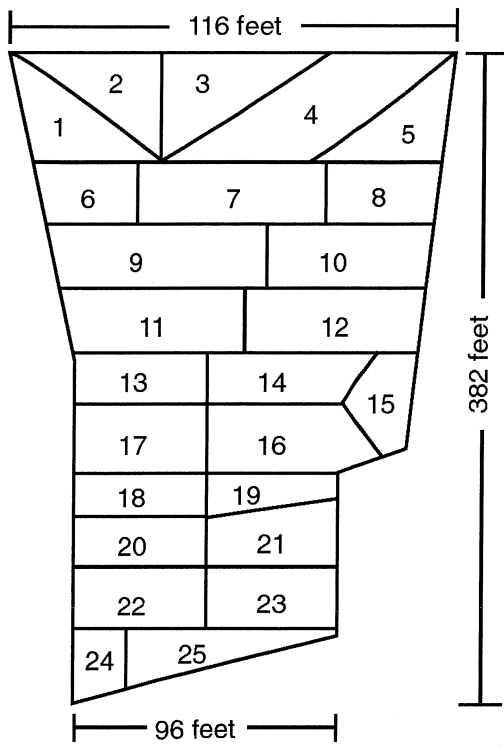
In February of 1993, Jason Klohk and Mike Reiling collected representative soil samples from the stockpiled soils at the Colvin Oil Bulk Plant located at the above address. Samples were collected by advancing a clean stainless steel hand sampling tube with a rubber mallet. The tube was advanced to various depths described in the proposed sampling methodology within the soil treatment and management plan. Each sample was collected by twisting off the brass tube sampler and taping each end with duct tape.


The samples were then logged on a Chain-of-Custody form, iced and transported to Environmental Science and Testing in Salem, Oregon for analysis.

Between sampling events, the sampling tube was pressure washed, rinsed with Aquinox solution and dried. The technician wore a pair of disposable gloves in between each sampling event. The visquine cover was again placed over the soils and the site was secured upon completion.

Samples collected were analyzed for TPH-G. The results are presented below.

<b>ANALYTICAL RESULTS</b>			
<b>Results Reported in Parts Per Million</b>			
<b>SAMPLE LOCATION #</b>	<b>TPH-G</b>	<b>SAMPLE LOCATION #</b>	<b>TPH-G</b>
1	<5	14	<5
2	<5	15	<5
3	<5	16	<5
4	<5	17	<5
5	<5	18	<5
6	<5	19	<5
7	<5	20	<5
8	<5	21	<5
9	<5	22	<5
10	<5	23	<5
11	<5	24	<5
12	<5	25	<5
13	<5		



<b>COLVIN OIL COMPANY</b> 20 S. Stage Rd., Medford, OR 97501		<b>SITE MAP - NOT TO SCALE</b>	
 <b>UST ENVIRONMENTAL SERVICES</b>	PROJECT NO.: CO	DATE: 3-1-93	
	PREPARED BY: SMITH	PLATE: 1	



REA Environmental Science and Testing, Inc.  
Environmental Science and Testing

February 26, 1993

Jason Klohk, Project Manager  
UST Environmental  
1720 South Washington Street  
Albany, Oregon 97321

Dear Jason:

Please find enclosed the results of laboratory analysis for samples received on February 24, 1993 from project Colvin Stage Road located at Stage Road.

We appreciate the opportunity to be of service to you on this important project. If you have any questions regarding the enclosed information or if you wish to discuss other aspects of your project, please call.

Sincerely,

Environmental Science and Testing

Zachariah J. Purdie  
Laboratory Manager

Environmental Science and Testing

Kathleen J. Thorpe  
Laboratory Director



# REA Environmental Science and Testing, Inc.

Environmental Science and Testing

## Report of Sample Analysis By DEQ Method TPH-G, Gasoline Quantification Using Gas Chromatography (GC/PID) Results Reported in Parts Per Million (mg/Kg)

Project: Colvin  
Project Location: the Stage Rd. Bulk Plant Medford site  
Attention: Jason Klohk, Project Manager  
Analyzed By: Zach Purdie

Date Samples Received: February 19, 1993  
Date of Report: February 24, 1993  
Report Number: 02594587.393

Page 1

Sample Number	Concentration (mg/Kg)	Sample Number	Concentration (mg/Kg)
SP-1	<5	SP-14	<5
SP-2	<5	SP-15	<5
SP-3	<5	SP-16	<5
SP-4	<5	SP-17	<5
SP-5	<5	SP-18	<5
SP-6	<5	SP-19	<5
SP-7	<5	SP-20	<5
SP-8	<5	SP-21	<5
SP-9	<5	SP-22	<5
SP-10	<5	SP-23	<5
SP-11	<5	SP-24	<5
SP-12	<5	SP-25	<5
SP-13	<5		

Quality Assurance	Method Blank	SP-1 (Sample Duplicate)	Amount Spiked	Matrix Spike % Recovery	Matrix Spike Duplicate % Recovery
	<5	<5	10	78%	79%

Approved By:  
Environmental Science and Testing

Zachariah J. Purdie  
Laboratory Manager

Approved By:  
Environmental Science and Testing

Kathleen J. Thorpe  
Laboratory Director



# Chain-of-Custody - Analysis Request Form

**SURVEY** **COLVIN OIL** **SAMPLERS: Signature**  
**Stage Rd. Bulk Plant, Medford** *Jason Klohk*

CLIENT NUMBER	SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE		SOIL	ANALYSIS REQUIRED
				WATER Comp.	Grab		
	SP-1	2/17	11:35			X	TPH-G
	SP-2	2/17	11:44			X	TPH-G
	SP-3	2/17	11:53			X	TPH-G
	SP-4	2/17	12:02			X	TPH-G
	SP-5	2/17	12:30			X	TPH-G
	SP-6	2/17	12:39			X	TPH-G
	SP-7	2/17	12:48			X	TPH-G
	SP-8	2/17	12:57			X	TPH-G
	SP-9	2/17	1:08			X	TPH-G
	SP-10	2/17	1:17			X	TPH-G
	SP-11	2/17	1:26			X	TPH-G
	SP-12	2/17	1:35			X	TPH-G
	SP-13	2/17	1:46			X	TPH-G
	SP-14	2/17	2:00			X	TPH-G

RELINQUISHED BY: <i>Signature</i> <i>Jason Klohk</i> Company Name <b>Jason Klohk</b> <b>UST Environmental Services</b>		RECEIVED BY: <i>Signature</i> <i>Zachariah Purdie</i> Company Name <b>Zachariah Purdie</b> <b>REA Environmental Science</b>		DATE/TIME <b>2-19-93</b>	
RELINQUISHED BY: <i>Signature</i>  Company Name		RECEIVED BY: <i>Signature</i>  Company Name		DATE/TIME	
DISPATCHED BY: <i>Signature</i>		DATE/TIME	RECEIVED FOR LABORATORY BY:		DATE/TIME

METHOD OF SHIPMENT:



# Chain-of-Custody - Analysis Request Form

**SURVEY** **COLVIN OIL** **SAMPLERS: Signature**  
**Stage Rd. Bulk Plant, Medford** *Jason Klohk*

CLIENT NUMBER	SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE		ANALYSIS REQUIRED
				WATER Comp.	SOIL Grab	
	SP-15	2/17	2:09		X	TPH-G
	SP-16	2/17	2:18		X	TPH-G
	SP-17	2/17	2:27		X	TPH-G
	SP-18	2/17	2:36		X	TPH-G
	SP-19	2/17	2:45		X	TPH-G
	SP-20	2/17	2:54		X	TPH-G
	SP-21	2/17	3:03		X	TPH-G
	SP-22	2/17	3:12		X	TPH-G
	SP-23	2/17	3:21		X	TPH-G
	SP-24	2/17	3:30		X	TPH-G
	SP-25	2/17	3:37		X	TPH-G

RELINQUISHED BY: <i>Signature</i> <i>Jason Klohk</i> Company Name <b>Jason Klohk</b> <b>UST Environmental Services</b>	RECEIVED BY: <i>Signature</i> <i>Zachariah Purdie</i> Company Name <b>Zachariah Purdie</b> <b>REA Environmental Science</b>	DATE/TIME <b>2-19-93</b>
---	--	-----------------------------

RELINQUISHED BY: <i>Signature</i>  Company Name	RECEIVED BY: <i>Signature</i>  Company Name	DATE/TIME
---	---	-----------

DISPATCHED BY: <i>Signature</i>	DATE/TIME	RECEIVED FOR LABORATORY BY:	DATE/TIME
---------------------------------	-----------	-----------------------------	-----------

METHOD OF SHIPMENT:

15-91-119 SWR

Oregon Department of Environmental Quality  
UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 6735

DATE: 9-24-91

FACILITY NAME: Colvin Oil Co.

FACILITY ADDRESS: 1065 E Pine St  
Central Point, Ore 97502

PHONE: 664-3570

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RECEIVED**  
DEC 04 1992

The following information **MUST** be submitted by the underground storage tank owner or a licensed DEQ Supervisor within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 through -150)

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

**A. DATES:**

Decommissioning/Service Change Notice - Date Submitted: \_\_\_\_\_ (30 days before work starts)

Work Start Telephone Notice - Date Submitted: 9-19-91 (3 working days before work starts)

DEQ Person Notified: Byron Peterson

Date Work Started: 9-24-91

Date Work Completed: 12-20-91

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 9-24-91 By: Warren West

DEQ Person Notified: Byron Peterson

Backfill Telephone Notice - Date Called: 12-2-91 (before backfilling)

DEQ Person Notified: Byron Peterson

Department of Environmental Quality  
**RECEIVED**  
NOV 30 1992  
Bohm  
UST Compliance Section

**B. PERMITS:**

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

DEQ Water Discharge Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

Disposed to (Location): 20 Stage Rd Medford Or.

DEQ Solid Waste Disposal Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

**B. PERMITS (Continued)**

UST Soil Treatment Permit Addendum - Type: \_\_\_\_\_ Date: \_\_\_\_\_

Soil Disposal or Treatment Location: \_\_\_\_\_

**C. TANK INFORMATION:**

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure <sup>∞</sup> Inplace	New <sup>∞</sup> Product	Yes*	No
1	FKEB	18000			✓			✓	
2	FKEC	8000			✓			✓	
3	FKED	10000			✓			✓	
4	FKEE	250			✓			✓	

\* Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.

∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

**D. DISPOSAL INFORMATION:**

Tank #	Tank & Piping Disposal Method				Disposal Location of Tank Contents *	
	Scrap	Land-fill	Other	Identify Location & Property Owner	Liquids	Sludges
1			✓	Darrell Bell Sunny Valley	None	
2			✓	Darrell Bell Sunny Valley	None	
3			✓	Darrell Bell Sunny Valley	None	
4	✓					55 gal Drum

\* Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1					Nielson
2					Nielson
3					Nielson

\* Note: Sampling is required if groundwater is encountered. See cleanup rules.

F. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispenser, & all USTs) (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)

Excavated approx 80'x80'x16' hole.  
Soil & water cleaned up Very good.

**G. WORK PERFORMED BY:**

DEQ Service Provider's License #: 10536 Construction Contractors License #: 67021

Name: Weast Service + Eg. Co.

Telephone: 474-2789

DEQ Decommissioning Supervisor's License #: 10430

Name: WARREN Weast

Telephone: 474-2789

DEQ Soil Matrix Service Provider's License #: 1480 (If applicable)

Name: Weast Service + Eg. Co.

Telephone: 474-2789

DEQ Soil Matrix Supervisor's License #: 2384 (If applicable)

Name: WARREN Weast

Telephone: 474-2789

**H. ATTACHMENTS TO THIS REPORT:**

1. Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QL information. Include laboratory name, address and copies of chain-of-custody forms.
2. If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix analysis for the site including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

**I. REPORT FILING:**

This report, signed by the tank owner or operator, complete with all applicable attachments must be filed with DEQ headquarters within 30 days after the excavation is backfilled or change-in-service is complete. Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets or contamination, etc.).

**NOTE:** If contamination was found during site assessment at decommissioning or change-in-service and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Return Completed Form to: Department of Environmental Quality  
UST Program - Decommissioning Report  
811 S.W. Sixth Ave.  
Portland, Oregon 97204

I have personally reviewed this report and the attachments and find them to be true and complete.

Signature: Mark Colu Date: 12-2-91  
(Owner or Operator)

For information: (503) 229-5733 or Toll Free in Oregon 1-800-452-4011

Oregon Department of Environmental Quality  
**UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST**

DEQ FACILITY NUMBER: 6735      DATE: 9-24-91  
 FACILITY NAME: Colvin Oil Co.  
 FACILITY ADDRESS: 1065 E Pine st  
                           Central Point, Ore  
 PHONE: 664 3570

**A. SAFETY EQUIPMENT ON JOB SITE:**

Fire Extinguisher:            Type/Size: Badger B70R-2 20lb      Recharge Date: 8-1-91  
 Combustible Gas Detector:    Model: CMX 271      Calibration Date: 8-1-91  
 Oxygen Analyzer:            Model: CMX 271      Calibration Date: 8-1-91

**B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)  
 (Check Appropriate Box)**

1. All electrical equipment grounded and explosion proof?
2. Safety equipment on job site?
3. Overhead electrical lines located?
4. Subsurface electrical lines off or disconnected?
5. Natural gas lines off or disconnected?
6. No open fires or smoking material in area?
7. Vehicle and pedestrian traffic controlled?
8. Excavation material area cleared?
9. Rainwater runoff directed to treatment area?
10. Drained and collected product from lines?
11. Removed product and residual from tank?
12. Cleaned tank?
13. Excavated to top of tank?
14. Removed tank fixtures? (pumps, leak detection equip.
15. Removed product, fill and vent lines?

Department of Environmental Quality  
**RECEIVED**  
 NOV 30 1992  
*Bohm*  
 UST Compliance Section

Yes	No	Unk	N/A
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
	✓		
✓			
✓			
✓			
✓			
✓			
✓			

**C. TANK ABANDONMENT IN-PLACE:**

16. Sampling plan approved by DEQ?  
 Date: \_\_\_\_\_ DEQ Staff: \_\_\_\_\_

	✓		
--	---	--	--

**B. DECOMMISSIONING:** All Tanks: (Unk. = Unknown, N/A = Not Applicable)  
(Check Appropriate Box)

Yes ✓	No	Unk	N/A
✓			

17. Contamination concerns fully resolved?

18. Fill Material? Type: Shale & 3/4" - 0 Gravel

**D. TANK REMOVAL:**

19. Tank placement area cleared, chocks placed?

20. Purged or ventilated tank to prevent explosion?

Method used: Dry Ice Meter reading: 0

21. No chains or steel cables wrapped around tank for removal?

22. Tank removed, set on ground, blocked to prevent movement?

23. Tank set on truck and secured with strap(s)?

24. Tank labeled before leaving site?

✓			
✓			
✓			
✓			
	✓		
✓			

**E. SITE ASSESSMENT:**

25. Site assessed for contamination? See OAR 340-122-340

26. Soil samples taken and analyzed?

27. Decommissioning/Change-in-Service report sent to DEQ?

28. Was contamination found? Date/Time: 9-24-91

29. Was contamination reported to DEQ? By: Warren Weast  
Date/Time: 9-24-91 4:03 PM DEQ Staff: Byron Peterson

30. Was hazardous waste determination made for tank contents (Liquids/sludges)?

✓			
✓			
✓			
✓			
✓			
✓			

31. Disposal location of tank(s) contents.

Name: Weast Service & Equip. Date: 10-1-91  
Address: 1871 Hubbard  
Grants Pass, Ore Attach disposal receipt.

32. Disposal or recycling location of removed tank(s) and associated piping.

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Address: \_\_\_\_\_ Attach disposal receipt.

33. If tank(s) are intended to be reused, identify new tank site.

Name: Darryl Bell Date: 10-4-91  
Address: Sunny Valley Exit  
Sunny Valley Ore  
Purpose of Reuse: Irrigation Water

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 10536  
Name: Weast Service Inc.  
Telephone: 474-2789

DEQ Decommissioning Supervisor's License #: 10430  
Name: Warren Weast  
Telephone: 474 2789

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.
2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to: Department of Environmental Quality  
UST Program - Decommissioning Checklist  
811 S.W. Sixth Ave.  
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Warren Weast Date: 9-24-91  
(Licensed Supervisor)

Signature: Mark Colvin Date: 9-24-91  
(Owner or Operator)

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

Department of Environmental Quality  
**RECEIVED**  
NOV 30 1993  
UST Compliance Section

Colvin Oil Co.  
1065 E Pinest  
Central Point, OR 97502

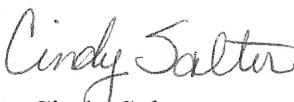
Dear Tank Owner:

The Department of Environmental Quality (DEQ) received notice that you intended to remove some or all of your underground storage tanks at least 30 days ago, at your facility #6735. As part of your packet of information on the decommissioning, you received a Decommissioning Service Change Report and a Decommissioning Checklist. These reports were to have been completed and returned to the Department 30 days after the decommissioning was done.

If these reports are not received by November 30th you will receive a UST annual compliance invoice for 1993. To avoid this, please submit these reports as soon as possible.

Enclosed you will find a copy of the requested reports. Please complete and return the reports to the Department as soon as possible. If you have any further questions please feel free to call me at 229-5733.

Sincerely



Cindy Salter  
Office Specialist  
UST Compliance  
Hazardous & Solid Waste

enclosures



# Colvin Oil Company

2520 Foothill Blvd.

20 South Stage Rd.

Brookings Plant

Grants Pass, Oregon 97526

Medford, Oregon 97501

820 Railroad Ave. Box 400

Phone (503) 479-5343

Phone (503) 772-6213

Brookings, Oregon 97415

Phone (503) 469-2434

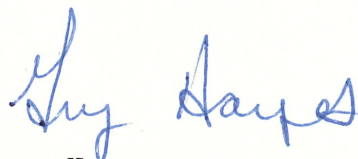
Sept. 18, 1991

Dept. of Environmental Quality  
201 Main Street  
Medford, Oregon

Re: Letter of Authorization for Disposal of Petroleum  
Contaminated Soil

This request is for authorization to store and treat gasoline contaminated soil on Colvin Oil Company's 7 acre lot located at 20 South Stage Road. The amount of soil will be approximately 300 cubic yards taken from our service station in Central Point, 1065 East Pine. — 2000 YARDS

The soil will be spread over a large area and will be aerated per DEQ guidelines. The disposal site is an isolated lot with no public access. We will be testing and monitoring the soil to prevent any off-site problems.



Greg Hayes

Colvin Oil Company

GH/dh

DEPARTMENT OF ENVIRONMENTAL QUALITY  
LAND USE COMPATIBILITY REQUIREMENT FOR ENVIRONMENTAL PERMITS/APPROVALS

The Department of Environmental Quality requires regulatory source permits/approvals for facilities that discharge or release pollutants into the environment. Through these permits, specific environmental criteria or standards must be met. The criteria and standards are intended to ensure that public health, safety and the environment are protected.

Land uses that are subject to environmental regulations must also comply with local government planning regulations. Land uses are classified into land use zones, in part due to their general impact on and compatibility with other types of uses. It is the Department's policy that proof of local land use compatibility be submitted with a source permit application. This assures that the type of land use and activities in conjunction with that use have been reviewed and approved by local government before a permit is processed and issued.

**I. NEW PERMITS/APPROVALS.** The Department of Environmental Quality requires that a Land Use Compatibility Statement (LUCS) from the affected local government(s) be submitted with an application for the following:

- |  |   |
|--|---|
| 1. Air Contaminant Discharge Permits (ACDP)          | 9. Pollution Control Bond Fund Requests                                 |
| 2. Noise Impact Boundaries for Racing Facilities     | 10. Wastewater System Facility/Sewer System Plans                       |
| 3. Airport Abatement Plan/Noise Impact Boundaries    | 11. Water Quality Construction Grants                                   |
| 4. Air Indirect Source Construction Permits          | 12. Municipal Wastewater Treatment System State Revolving Loan Requests |
| 5. Parking and Traffic Circulation Plans             | 13. Certification of Water Quality Standards for Federal Permits        |
| 6. Solid Waste Disposal Permits/Authorization Letter | 14. On-Site Sewer Permits   |
| 7. Waste Tire Storage Permits                        | 15. Water Discharge Permits (NPDES/WPCF/General)                        |
| * 8. HW/PCB Storage, Treatment and Disposal Permits  |   |

**II. PERMIT MODIFICATION/RENEWAL.** A permit modification requires an approved LUCS if any of the following apply: (1) The permitted source or activity involves the use of additional property or a physical expansion on the existing property. The LUCS applies to physical changes on the property, not to existing permit conditions; (2) The permitted source or activity involves a significant increase in discharge to state waters or into the ground; (3) The permitted source or activity involves the relocation of an outfall outside of the source property; (4) For a major modification of an air contaminant discharge permit, which means any physical change or change of operation of a source that results in a net significant emission rate increase as defined in OAR 340-20-225(25).

A permit renewal requires an approved LUCS if the renewal is to address a modification which applies to (1), (2), (3), or (4) above, or if an approved LUCS was not provided for the existing permit.

An applicant seeking a Department permit or approval is required to submit a LUCS to the affected local government(s) for a determination of compatibility with the local comprehensive plan(s). Typically, a local compatibility review includes a determination that the use or proposed use is allowable within its given zoning designation. The local government must include written findings of fact substantiating its determination. Required findings must: 1) State the relevant criteria, standards or policies; 2) State the facts relied upon in rendering the decision; and 3) State the conclusions and reasoning, referencing applicable policies. For example, if a use is allowed outright, a copy of the zone provision or citation and summary would constitute sufficient findings. If a review of some sort is required, the findings must include the review criteria and review conclusions.

In cases where a city and county share jurisdiction, a compatibility determination, sign off, and written findings are required from both entities.

DEQ administrative rule Division 20 requires specific findings.

LAND USE COMPATIBILITY STATEMENT

(read page 1 before completing)

TO BE COMPLETED BY APPLICANT

Name: COLVIN OIL CO Address: 20 So. STAGE MEDFORD OR  
City State Zip

Phone: 772-6213 Type of permit/approval: SPECIAL PERMIT

Application to DEQ will be for:  New Permit/Plan Approval  Permit Renewal  
LETTER OF AUTHORIZATION  Permit Modification  Authorization Letter

Name and address of business: COLVIN OIL CO 20 So. STAGE RD

Describe the type of business and product or service the business provides:  
WHOLESALE GASOLINE, DIESEL & OIL

If not a new source, explain the change in circumstances that require a permit/approval:

Describe the specific source/facility that requires a permit/approval:  
OPEN LOT BE HIND BULK FACILITY AT  
20 So STAGE RD

For permit modification/renewal only: Does the criteria in section II, page 1 apply to the proposed permit modification or renewal?  Yes  No  
Explain basis for determination:

If yes, describe how the changes may impact land uses, i.e. increased lot coverage; increased air emissions, water discharges or noise levels; impacts to transportation system, etc.:

TO BE COMPLETED BY LOCAL GOVERNMENT

Business/facility location:  Inside city limits  Inside UGB  Outside UGB

What local government(s) has planning jurisdiction over this use? \_\_\_\_\_

Is the local plan currently acknowledged?  Yes  No If no, is this use affected by any portion of the plan which is not acknowledged?  Yes  No

The business/facility:

- A.  \*Is an allowed outright use.
- B.  Is allowed subject to siting, design, constructon or operational standards.
- C.  Is allowed subject to conditional use or review requirements which require public notice.
- D.  Is prohibited by the plan.
- E.  Is not addressed by the plan.

\* This means the use may exist without any further local planning conditions or authorizations.

LAND USE COMPATIBILITY STATEMENT

(read page 1 before completing)

38-1W-05-3000

BE COMPLETED BY APPLICANT

Name: COLVIN OIL CO Address: 20 So. STAGE MEOFORD OR  
City State Zip

Phone: 772-6213 Type of permit/approval: SPECIAL PERMIT

Application to DEQ will be for:  New Permit/Plan Approval  Permit Renewal  
 LETTER OF AUTHORIZATION  Permit Modification  Authorization Letter

Name and address of business: COLVIN OIL CO 20 So. STAGE RD

Describe the type of business and product or service the business provides:  
WHOLESALE GASOLINE, DIESEL & OIL

If not a new source, explain the change in circumstances that require a permit/approval:

Describe the specific source/facility that requires a permit/approval:  
OPEN LOT BE HIND BULK FACILITY AT 20 So STAGE RD

For permit modification/renewal only: Does the criteria in section II, page 1 apply to the proposed permit modification or renewal?  Yes  No

Explain basis for determination:

If yes, describe how the changes may impact land uses, i.e. increased <sup>State of Oregon</sup> increased air emissions, water discharges or noise levels; impacts to <sup>DEPARTMENT OF ENVIRONMENTAL QUALITY</sup> transportation system, etc.:

RECEIVED  
SEP 24 1991

SOUTHWEST REGION OFFICE

BE COMPLETED BY LOCAL GOVERNMENT

Business/facility location:  Inside city limits  Inside UGB  Outside UGB

What local government(s) has planning jurisdiction over this use? Tackson County

Is the local plan currently acknowledged?  Yes  No If no, is this use affected by any portion of the plan which is not acknowledged?  Yes  No

The business/facility:

- A.  \*Is an allowed outright use.
- B.  Is allowed subject to siting, design, construction or operational standards.
- C.  Is allowed subject to conditional use or review requirements which require public notice.
- D.  Is prohibited by the plan.
- E.  Is not addressed by the plan.

\* This means the use may exist without any further local planning conditions or authorizations.



If A. applies, identify or provide duplicate copy of applicable zone/provisions and state specific name of the designated allowed use applied to this business/facility.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If applicable, have the additional requirements under B. or C. been met?  Yes  No

Date of decision or expected decision: \_\_\_\_\_

Written findings are required for determinations checked under section 9. B, C, D and E. Findings may include plan policies, criteria, conditions, standards or related regulations. (State findings below or attach separately to statement.) If the activity is not addressed in the plan, under 9. E., compatibility findings must be based on the statewide goals.

Contaminated soil cannot be placed closer than 100 feet to the west property line, or 50 feet from the remaining property lines.

10. Is public notice and opportunity for public hearing required?  Yes  No

If yes, date of notice: \_\_\_\_\_ Date of public hearing: \_\_\_\_\_

If a public hearing was held, attach a summary or hearing report.

11. Would the city/county like to receive a copy of DEQ's public notice regarding this source?  Yes  No

**REQUIRED SIGNATURES**

City land use jurisdiction: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

County land use jurisdiction: Jackson County Phone: 776-7554

Signature: *Uprairie Hunts* Title: Planning Supervisor Date: 9-19-91

Please direct questions to the Management Services Division at 800-452-4011 or 229-6408, or contact the Division responsible for processing the application (Air, Water, Solid Waste) through the above toll free number.

## **BELSKY Mari**

---

**From:** LEPPALUOTO Tina L  
**Sent:** Friday, July 25, 1997 11:22 AM  
**To:** BELSKY Mari  
**Subject:** Update Address for Chevron Sites

Mari, please update your records with the address below for the following sites. Marcie has already received the information to update Sequent. The BO has also received the info. I have only listed the log numbers please make sure they are Chevron sites. If you have questions please call me. This is only to update the invoicing address.

Chevron Products USA  
Attn: Jerry Mitchell  
P.O. Box 5004 Building L-1080  
San Ramon, CA 94583-0804

06-88-0024  
15-90-0105  
15-91-0019  
15-92-0051  
10-89-0008  
15-89-0034  
10-89-0006  
10-90-0104

*Thanks, Tina Leppaluoto  
x5812*





January 25, 1994

DEPARTMENT OF  
ENVIRONMENTAL  
QUALITY

WESTERN REGION

ELLIOTT ZAIS  
DAVID BROWN & ASSOCIATES  
7150 SW FIR LOOP  
TIGARD OR 97223

Re: INVOICE - Photocopies  
LUST File #15-91-0119  
Colvin Oil Co., 1065 E. Pine  
Central Point

Dear Mr. Zais:

Enclosed are the file copies you requested. DEQ charges 25 cents per copy, plus postage:

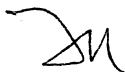
Copies	38 x .25	=	\$9.50
Postage			<u>1.21</u>
Total			\$10.71

Please make your check payable to DEQ in the amount of \$10.71 and send it to:

Department of Environmental Quality  
201 W. Main St. Suite 2-D  
Medford, OR 97501

We will send you a receipt after receiving the payment. If you have any questions please call me.

Sincerely



Mari Belsky  
UST Office Specialist

mb  
Enclosures



201 W Main, Suite 2-D  
Medford, OR 97501  
(503) 776-6010  
FAX (503) 776-6262  
DEQ/SWR 103

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8028 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

RECEIVED SEP - 1 1992

SAMPLE LOCATION:

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

SOUTHWEST REGION OFFICE

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 19 DEPTH : 14 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline, Diesel, and Heavy Wt. with corresponding C6-C10, C10-C28, and C28-C40 ranges and methods OREGON and DEQ.

Spike Recovery: O-Terphenyl 79%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

Fay Fowler (signature)

NRC

# NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8025  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

DEPARTMENT State of Oregon  
ENVIRONMENTAL QUALITY  
**RECEIVED**  
SEP - 1 1992

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SOUTHWEST REGION OFFICE

### SAMPLE COLLECTION DATA

SITE ID : # 15  
DEPTH : 7 feet  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

### HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 78%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED Fay Fowler

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY

NRC# 91-8022 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

RECEIVED SEP 1 1992

CLIENT MAILING ADDRESS:

SAMPLE LOCATION:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

SOUTHWEST REGION OFFICE

Kevin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : #12 DEPTH : 13 feet COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40) with methods OREGON and DEQ.

Spike Recovery: O-Terphenyl 78%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED [Signature]

NRC

NEILSON RESEARCH CORPORATION

State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

RECEIVED  
SEP - 1 1992

NRC# 91-8021  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 11  
DEPTH : 6 feet 6 inches  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 76%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Jay Fowler*

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8018 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

State of Oregon DEPARTMENT OF ENVIRONMENTAL QUALITY RECEIVED SEP - 1 1992 SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

SAMPLE LOCATION:

Colvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 8 DEPTH : 12 feet 6 inches COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline, Diesel, and Heavy Wt. with corresponding C6-C10, C10-C28, and C28-C40 ranges and OREGON DEQ methods.

Spike Recovery: O-Terphenyl 83%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED [Signature: Fay Fowler]

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8015 RECEIVED: 10-25-91 TIME: 13:40 REPORTED: 10-31-91

RECEIVED SEP - 1 1992

CLIENT MAILING ADDRESS:

SAMPLE LOCATION:

Weast Service & Equipment ATTN: Mr. Warren Weast 2580 Leonard Rd Grants Pass, OR 97527

SOUTHWEST REGION OFFICE

Polvin Arco-Central Point DEQ Facility ID# 6735 1065 E. Pine St. Central Point, OR 97502

PHONE: 474-2789

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 5 DEPTH : 5 feet 6 inches COMMENTS:

TIME COLLECTED : DATE COLLECTED : 10-22-91 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

Table with 5 columns: ANALYSIS PERFORMED, Method, Units, Limit, TEST RESULTS. Rows include Gasoline (C6--C10), Diesel (C10-C28), and Heavy Wt. (C28-C40).

Spike Recovery: O-Terphenyl 81%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED: [Signature]

NRC

NEILSON RESEARCH CORPORATION

State of Oregon  
 DEPARTMENT OF ENVIRONMENTAL QUALITY  
 RECEIVED  
 SEP - 1 1992

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS  
 NRC# 91-8012  
 RECEIVED: 10-25-91  
 TIME: 13:40  
 REPORTED: 10-31-91

CLIENT MAILING ADDRESS: **SOUTHWEST REGION OFFICE**  
 Weast Service & Equipment  
 ATTN: Mr. Warren Weast  
 2580 Leonard Rd  
 Grants Pass, OR 97527

SAMPLE LOCATION:  
 Colvin Arco-Central Point  
 DEQ Facility ID# 6735  
 1065 E. Pine St.  
 Central Point, OR 97502

PHONE: 474-2789 Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 2  
 DEPTH : 12 feet 6 inches  
 COMMENTS:

TIME COLLECTED :  
 DATE COLLECTED : 10-22-91  
 COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION OF TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 94%

ND - None Detected at Level Indicated  
 \*\* - Unable to calculate due to high contaminant level

APPROVED Fay Fowler

NRC

NEILSON RESEARCH CORPORATION

BTEX ANALYSIS  
Water

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RECEIVED**  
SEP - 1 1992

NRC# 91-8311  
RECEIVED: 11-1-91  
TIME: 08:40  
REPORTED: 11-8-91

SOUTHWEST REGION OFFICE

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

PHONE: 474-2789

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water  
DEPTH :  
COMMENTS:

TIME COLLECTED : 08:40  
DATE COLLECTED : 11-1-91  
COLLECTOR'S NAME: Brad Weast

BTEX ANALYSIS---Water

ANALYST: N. Engleson

ANALYSIS DATE: 11-1-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
Benzene	EPA 602	mg/L	0.001	0.003
Toluene	EPA 602	mg/L	0.001	ND@ 0.001
Ethylbenzene	EPA 602	mg/L	0.001	0.003
Total Xylenes	EPA 602	mg/L	0.001	0.002

% Surrogate Recovery (Bromofluorobenzene) 119%

ND - None Detected at Level Indicated

APPROVED Fay Fowler





NRC

**NEILSON RESEARCH CORPORATION**

INORGANIC METAL ANALYSIS  
LEAD

NRC# 91-8034  
RECEIVED: 10-22-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97520

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water #3  
DEPTH :  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

INORGANIC METAL ANALYSIS

ANALYST: D. Crump

ANALYSIS DATE: 10-24-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
Lead, Pb	EPA 239.2	mg/L	0.005	ND@ 0.005
pH	SM 4500-H+	pH units	0.01	7.41
Specific Conductance	SM 2510 B	uMHO/CM	0.1	570

ND - None Detected at Level Indicated

APPROVED

*Jay Fowler*

NRC

NEILSON RESEARCH CORPORATION

ETHYLENE DIBROMIDE  
and  
ETHYLENE DICHLORIDE

NRC# 91-8033  
RECEIVED: 10-22-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Water

SAMPLE COLLECTION DATA

SITE ID : Water #2  
DEPTH :  
COMMENTS: Collected in Dup

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren Weast

EDB & EDC - Water

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
1-2-Dibromoethane (EDB)	EPA 502.2	mg/L	0.0005	ND@ 0.0005
1-2-Dichloroethane (EDC)	EPA 502.2	mg/L	0.0005	ND@ 0.0005

% Surrogate Recovery (Bromofluorobenzene) 83%

ND - None Detected at Level Indicated

APPROVED Jay Fowler

NRC

**NEILSON RESEARCH CORPORATION**

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8031  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 21  
DEPTH : 8 feet  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 74%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowler*

NRC

NEILSON RESEARCH CORPORATION

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

NRC# 91-8031  
RECEIVED: 10-25-91  
TIME: 13:40  
REPORTED: 10-31-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Mr. Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin Arco-Central Point  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : # 21  
DEPTH : 8 feet  
COMMENTS:

TIME COLLECTED :  
DATE COLLECTED : 10-22-91  
COLLECTOR'S NAME: Warren

HYDROCARBON IDENTIFICATION  
OF  
TOTAL PETROLEUM HYDROCARBONS

ANALYST: N. Engleson

ANALYSIS DATE: 10-25-91

ANALYSIS PERFORMED	Method	Units	Limit	TEST RESULTS
Gasoline C6--C10	OREGON	mg/kg	20	ND
Diesel C10-C28	DEQ	mg/kg	50	ND
Heavy Wt. C28-C40		mg/kg		ND

Spike Recovery: O-Terphenyl 74%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Fay Fowler*

NRC

NEILSON RESEARCH CORPORATION

TPH - GASOLINE

NRC# 91-7681  
RECEIVED: 10-9-91  
TIME: 16:00  
REPORTED: 10-10-91

CLIENT MAILING ADDRESS:

Weast Service & Equipment  
ATTN: Warren Weast  
2580 Leonard Rd  
Grants Pass, OR 97527

PHONE: 474-2789

SAMPLE LOCATION:

Colvin - Arco  
DEQ Facility ID# 6735  
1065 E. Pine St.  
Central Point, OR 97502

Matrix: Soil

SAMPLE COLLECTION DATA

SITE ID : Soil Bottom  
DEPTH : 16 Feet  
COMMENTS: Bottom

TIME COLLECTED : 15:30  
DATE COLLECTED : 10-9-91  
COLLECTOR'S NAME: Brad Weast

TPH - GASOLINE

ANALYST: N. Engleson

ANALYSIS DATE: 10-10-91

ANALYSIS PERFORMED	Method	Units	MDL	TEST RESULTS
TPH - Gasoline	DEQ MODIFIED EPA 5030 EPA 8020	mg/kg	1	ND @ 1

% Surrogate Recovery (Bromofluorobenzene) 124%

ND - None Detected at Level Indicated

\*\* - Unable to calculate due to high contaminant level

APPROVED

*Jay Fowler*

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory

245 S. Grape St., Medford, OR 97501-3123

(503) 770-5678 or Fax (503) 770-2901

## Chain of Custody Record

Date 10/9/91

Page 1 of 1

36450-13

Attention: Warren Weast  
 Results and Invoice to: Weast Service + Equip  
 Address: 2580 Leonard Rd  
Grants Pass, OR 97527  
 Phone: 474-2789 Sampled By: Brad  
 Fax #: \_\_\_\_\_ P.O. #: \_\_\_\_\_

### REPORTING REQUEST

Preliminary: Fax  Verbal   
 Final: Written  Fax

RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

### PROJECT INFORMATION

Project Number: \_\_\_\_\_  
 Project Name: Colvin C.P.  
 Attention: DEQ # 6435  
 Address: 1065 E. Pine St  
Central Point OR 97502  
 Phone: \_\_\_\_\_

### ANALYSIS REQUEST

NO. OF CONTAINERS	TPHG												
1	✓												

### SPECIAL INSTRUCTIONS:

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
  
  
 FIELD BLANK INCLUDED:  YES  NO

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPHG	DEPTH	REMARKS/SAMPLE CONDITION
91-7681	SOIL Bottom	10-9-91	3:30	S	1	✓	16'	

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Brad Weast</u> / <u>Brad Weast</u>	<u>10-9-91</u> <u>3:35</u>		
/			
/		<u>Jay Fowler</u>	<u>10/9/91</u> <u>16:00</u>

**SAMPLE DISPOSAL**  
 NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA**   
**SHIPPED VIA:** UPS Fed-Ex Bus Hand

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory  
 245 S. Grape St., Medford, OR 97501-3123  
 (503) 770-5678 or Fax (503) 770-2901

# Chain of Custody Record

Date 10/22/91 Page 1 of 3

Attention: Mr. Warren Weast  
 Results and Invoice to: Weast Service & Equipment  
 Address: 2580 Leonard Road  
Grants Pass, OR 97527  
 Phone: (503) 474-2789 Sampled By: Warren  
 Fax #: \_\_\_\_\_ P.O. #: \_\_\_\_\_

**PROJECT INFORMATION**  
 Project Number: GAS TANK PIT  
 Project Name: Colvin-ARCO Central  
Pit  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**SPECIAL INSTRUCTIONS:**  
DO HClD on each wall  
then proceed with  
needed TPH G, D M  
418.1M on soils -

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
  
  
 FIELD BLANK INCLUDED:  YES  NO

**REPORTING REQUEST**  
 Preliminary: Fax  Verbal   
 Final: Written  Fax   
 RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH-HClD	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPH-HClD	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	DEPTH	REMARKS/SAMPLE CONDITION
91-8011	#1	10/22/91		S	1												12'	SE corner AS ON MAP 4 JARS
8012	#2			S	1	✓											12'6"	E.S.
8013	#3			S	1												6'	E. Side
8014	#4			S	1												13'	E.W.
8015	#5			S	1	✓											5'6"	E.W.
8016	#6			S	1												13'	E.W.
8017	#7			S	1												6'6"	N.W.
8018	#8			S	1	✓											12'6"	N.W.
8019	#9			S	1												7'	N.W.
8020	#10			S	1												13'6"	N.W.

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Warren Weast</u> Warren Weast	<u>10/22/91</u> <u>13:40</u>		
		REC'D. BY (LABORATORY) <u>Jane L. Fowler</u>	<u>10/22/91</u> <u>13:40</u>

**SAMPLE DISPOSAL**  
 NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA** N  
 SHIPPED VIA:  UPS  Fed-Ex  Bus  Hand

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory  
 245 S. Grape St., Medford, OR 97501-3123  
 (503) 770-5678 or Fax (503) 770-2901

# Chain of Custody Record

Date 10/22/91 Page 2 of 3

Attention: Mr. Warren West  
 Results and Invoice to: Weast Service & Equipment  
 Address: 2580 Leonard Road  
Grants Pass, OR 97527  
 Phone: (503) 474-2789 Sampled By: Warren  
 Fax #: \_\_\_\_\_ P.O. #: \_\_\_\_\_

**REPORTING REQUEST**

Preliminary: Fax  Verbal   
 Final: Written  Fax

RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**PROJECT INFORMATION**

Project Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1

**SPECIAL INSTRUCTIONS:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
 \_\_\_\_\_  
 \_\_\_\_\_  
 FIELD BLANK INCLUDED:  YES  NO

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	DEPTH	REMARKS/SAMPLE CONDITION	
91-8021	#11	10/22/91		S	1	✓											6'6"	N.W.	AS PER MAP & JARS
8022	#12				1	✓											13'	N.W.	
8023	#13				1												6'	W.W.	
8024	#14				1												12'6"	W.W.	
8025	#15				1	✓											7'	W.W.	
8026	#16				1												12'	W.W.	
8027	#17				1												8'	W.W.	
8028	#18				1	✓											14'	W.W.	
8029	#19				1												8'	S.W.	
8030	#20				1												13'6"	S.W.	

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Warren West</u>	<u>10/22/91</u> <u>13:40</u>		
		REC'D. BY (LABORATORY) <u>Jay L Fowler</u>	<u>10/22/91</u> <u>13:40</u>

**SAMPLE DISPOSAL**

NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA**

SHIPPED VIA: UPS Fed-Ex Bus  Hand

# NEILSON RESEARCH CORPORATION

Environmental Consultants/Analytical Laboratory  
 245 S. Grape St., Medford, OR 97501-3123  
 (503) 770-5678 or Fax (503) 770-2901

## Chain of Custody Record

Date 10/22/91 Page 3 of 3

Attention: Mr. Warren Weast  
 Results and Invoice to: Weast Service & Equipment  
 Address: 2580 Leonard Road  
Grants Pass, OR 97527  
 Phone: (503) 474-2789 Sampled By: Warren  
 Fax #: \_\_\_\_\_ P.O. #: \_\_\_\_\_

**REPORTING REQUEST**

Preliminary: Fax  Verbal   
 Final: Written  Fax

RUSH REQUEST:  24-48 hrs. (100% sur)  
 5 days (50% sur)  Standard 10-14 days  
 Other \_\_\_\_\_

**PROJECT INFORMATION**

Project Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**ANALYSIS REQUEST**

NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX - LOD	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	EDS/EDC	LEAD	PAH
1	✓													
2				✓										
2												✓		
1													✓	
2														

**SPECIAL INSTRUCTIONS:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

4°C  
 EPA JARS/VIALS WITH TEFLON LIDS  
  
  
 FIELD BLANK INCLUDED:  YES  NO

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	TPH-HCID	TPH-Gasoline	TPH-Diesel	BTEX - LOD	Halogen. Vol	PCB's	TCLP + 4 Metals	TCLP + 8 Metals	Flash Point	TPH 418.1 MOD.	TPH 418.1	EDS/EDC	LEAD	PAH	DEPTH	REMARKS/SAMPLE CONDITION	
91-8031	#21	10/22/91		S	1	✓															8'	S.W.
8032	Water #1	10/22/91		W	2				✓													+ Deep
8033	Water #2	10/22/91		W	2																	+ Deep
8034	Water #3	10/22/91		W	1																	
8035	Water #4	10/22/91		W	2																	

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<u>Warren Weast Warren Weast</u>	<u>10/22/91 13:40</u>		
		REC'D. BY (LABORATORY) <u>Jay L Fowler</u>	<u>10/22/91 13:40</u>

**SAMPLE DISPOSAL**  
 NRC disposal of non-contaminated  
 Return  Pick up

**CHAIN OF CUSTODY SEALS Y/N/NA**  N  
**SHIPPED VIA:** UPS Fed-Ex Bus  Hand

# Colvin Oil Company

2520 Foothill Blvd.  
Grants Pass, Oregon 97526  
Phone (503) 479-5343

20 South Stage Rd.  
Medford, Oregon 97501  
Phone (503) 772-6213

Brookings Plant  
820 Railroad Ave. Box 400  
Brookings, Oregon 97415  
Phone (503) 469-2434

Sept. 18, 1991

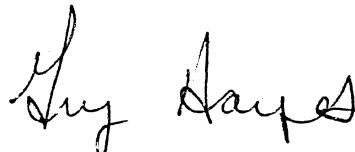
Dept. of Environmental Quality  
201 Main Street  
Medford, Oregon

Re: Letter of Authorization for Disposal of Petroleum  
Contaminated Soil

This request is for authorization to store and treat gasoline contaminated soil on Colvin Oil Company's 7 acre lot located at 20 South Stage Road. The amount of soil will be approximately 300 cubic yards taken from our service station in Central Point, 1065 East Pine.

— 200<sup>0</sup> yards

The soil will be spread over a large area and will be aerated per DEQ guidelines. The disposal site is an isolated lot with no public access. We will be testing and monitoring the soil to prevent any off-site problems.



Greg Hayes

Colvin Oil Company

GH/dh

DEPARTMENT OF ENVIRONMENTAL QUALITY  
LAND USE COMPATIBILITY REQUIREMENT FOR ENVIRONMENTAL PERMITS/APPROVALS

The Department of Environmental Quality requires regulatory source permits/approvals for facilities that discharge or release pollutants into the environment. Through these permits, specific environmental criteria or standards must be met. The criteria and standards are intended to ensure that public health, safety and the environment are protected.

Land uses that are subject to environmental regulations must also comply with local government planning regulations. Land uses are classified into land use zones, in part due to their general impact on and compatibility with other types of uses. It is the Department's policy that proof of local land use compatibility be submitted with a source permit application. This assures that the type of land use and activities in conjunction with that use have been reviewed and approved by local government before a permit is processed and issued.

**I. NEW PERMITS/APPROVALS.** The Department of Environmental Quality requires that a Land Use Compatibility Statement (LUCS) from the affected local government(s) be submitted with an application for the following:

- |  |   |
|--|---|
| 1. Air Contaminant Discharge Permits (ACDP)          | 9. Pollution Control Bond Fund Requests                                 |
| 2. Noise Impact Boundaries for Racing Facilities     | 10. Wastewater System Facility/Sewer System Plans                       |
| 3. Airport Abatement Plan/Noise Impact Boundaries    | 11. Water Quality Construction Grants                                   |
| 4. Air Indirect Source Construction Permits          | 12. Municipal Wastewater Treatment System State Revolving Loan Requests |
| 5. Parking and Traffic Circulation Plans             | 13. Certification of Water Quality Standards for Federal Permits        |
| 6. Solid Waste Disposal Permits/Authorization Letter | 14. On-Site Sewer Permits   |
| 7. Waste Tire Storage Permits                        | 15. Water Discharge Permits (NPDES/WPCF/General)                        |
| * 8. HW/PCB Storage, Treatment and Disposal Permits  |   |

**II. PERMIT MODIFICATION/RENEWAL.** A permit modification requires an approved LUCS if any of the following apply: (1) The permitted source or activity involves the use of additional property or a physical expansion on the existing property. The LUCS applies to physical changes on the property, not to existing permit conditions; (2) The permitted source or activity involves a significant increase in discharge to state waters or into the ground; (3) The permitted source or activity involves the relocation of an outfall outside of the source property; (4) For a major modification of an air contaminant discharge permit, which means any physical change or change of operation of a source that results in a net significant emission rate increase as defined in OAR 340-20-225(25).

A permit renewal requires an approved LUCS if the renewal is to address a modification which applies to (1), (2), (3), or (4) above, or if an approved LUCS was not provided for the existing permit.

An applicant seeking a Department permit or approval is required to submit a LUCS to the affected local government(s) for a determination of compatibility with the local comprehensive plan(s). Typically, a local compatibility review includes a determination that the use or proposed use is allowable within its given zoning designation. The local government must include written findings of fact substantiating its determination. Required findings must: 1) State the relevant criteria, standards or policies; 2) State the facts relied upon in rendering the decision; and 3) State the conclusions and reasoning, referencing applicable policies. For example, if a use is allowed outright, a copy of the zone provision or citation and summary would constitute sufficient findings. If a review of some sort is required, the findings must include the review criteria and review conclusions.

In cases where a city and county share jurisdiction, a compatibility determination, sign off, and written findings are required from both entities.

DEQ administrative rule Division 20 requires specific findings.

LAND USE COMPATIBILITY STATEMENT

(read page 1 before completing)

TO BE COMPLETED BY APPLICANT

Name: COLVIN OIL CO Address: 20 So. STAGE MEDFORD OR  
City State Zip

Phone: 772-6213 Type of permit/approval: SPECIAL PERMIT

Application to DEQ will be for:  New Permit/Plan Approval  Permit Renewal  
 LETTER OF AUTHORIZATION  Permit Modification  Authorization Letter

Name and address of business: COLVIN OIL CO 20 So. STAGE RD

Describe the type of business and product or service the business provides:

WHOLESALE GASOLINE, DIESEL & OIL

If not a new source, explain the change in circumstances that require a permit/approval:

Describe the specific source/facility that requires a permit/approval:

OPEN LOT BE HIND BULK FACILITY AT  
20 So STAGE RD

For permit modification/renewal only: Does the criteria in section II, page 1 apply to the proposed permit modification or renewal?  Yes  No

Explain basis for determination:

If yes, describe how the changes may impact land uses, i.e. increased lot coverage; increased air emissions, water discharges or noise levels; impacts to transportation system, etc.:

TO BE COMPLETED BY LOCAL GOVERNMENT

Business/facility location:  Inside city limits  Inside UGB  Outside UGB

What local government(s) has planning jurisdiction over this use? \_\_\_\_\_

Is the local plan currently acknowledged?  Yes  No If no, is this use affected by any portion of the plan which is not acknowledged?  Yes  No

The business/facility:

- A.  \*Is an allowed outright use.  
B.  Is allowed subject to siting, design, construction or operational standards.  
C.  Is allowed subject to conditional use or review requirements which require public notice.  
D.  Is prohibited by the plan.  
E.  Is not addressed by the plan.

\* This means the use may exist without any further local planning conditions or authorizations.

LAND USE COMPATIBILITY STATEMENT

(read page 1 before completing)

38-1W-05-3000

BE COMPLETED BY APPLICANT

Name: COLVIN OIL CO Address: 20 So. STAGE MEOFORD OR  
City State Zip

Phone: 772-6213 Type of permit/approval: SPECIAL PERMIT

Application to DEQ will be for:  New Permit/Plan Approval  Permit Renewal  
 LETTER OF AUTHORIZATION  Permit Modification  Authorization Letter

Name and address of business: COLVIN OIL CO 20 So. STAGE RD

Describe the type of business and product or service the business provides:

WHOLESALE GASOLINE, DIESEL OIL

If not a new source, explain the change in circumstances that require a permit/approval:

Describe the specific source/facility that requires a permit/approval:

OPEN LOT BE HIND BULK FACILITY AT  
20 So STAGE RD

For permit modification/renewal only: Does the criteria in section II, page 1 apply to the proposed permit modification or renewal?  Yes  No

Explain basis for determination:

If yes, describe how the changes may impact land uses, i.e. increased air emissions, water discharges or noise levels; impacts on transportation system, etc.:

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
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**SOUTHWEST REGION OFFICE**

BE COMPLETED BY LOCAL GOVERNMENT

Business/facility location:  Inside city limits  Inside UGB  Outside UGB

What local government(s) has planning jurisdiction over this use? Tackson County

Is the local plan currently acknowledged?  Yes  No If no, is this use affected by any portion of the plan which is not acknowledged?  Yes  No

The business/facility:

- A.  \*Is an allowed outright use.
- B.  Is allowed subject to siting, design, constructon or operational standards.
- C.  Is allowed subject to conditional use or review requirements which require public notice.
- D.  Is prohibited by the plan.
- E.  Is not addressed by the plan.

\* This means the use may exist without any further local planning conditions or authorizations.

If A. applies, identify or provide duplicate copy of applicable zone/provisions and state specific name of the designated allowed use applied to this business/facility.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If applicable, have the additional requirements under B. or C. been met? NA Yes \_\_\_ No

Date of decision or expected decision: \_\_\_\_\_

Written findings are required for determinations checked under section 9. B, C, D and E. Findings may include plan policies, criteria, conditions, standards or related regulations. (State findings below or attach separately to statement.) If the activity is not addressed in the plan, under 9. E., compatibility findings must be based on the statewide goals.

Contaminated soil cannot be placed closer than 100 feet to the west property line, or 50 feet from the remaining property lines.

10. Is public notice and opportunity for public hearing required? \_\_\_ Yes X No  
If yes, date of notice: \_\_\_\_\_ Date of public hearing: \_\_\_\_\_

If a public hearing was held, attach a summary or hearing report.

11. Would the city/county like to receive a copy of DEQ's public notice regarding this source?  
X Yes \_\_\_ No

**REQUIRED SIGNATURES**

City land use jurisdiction: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

County land use jurisdiction: Jackson County Phone: 776-7554

Signature: Leanne Hunt Title: Planning Supervisor Date: 9-19-91

Please direct questions to the Management Services Division at 800-452-4011 or 229-6408, or contact the Division responsible for processing the application (Air, Water, Solid Waste) through the above toll free number.



# UST Environmental Services Inc.

Above Ground Tanks

Underground Tanks

Tank Lining - Testing

Site Assessments

Tank Decommissions

Remediation

Groundwater

Monitoring Wells

Environmental - Compliance

Hydro-Geological Studies

Wetlands

Soil-Matrix

Off/On-Site Soil Remediation

Drilling - H.S.A.

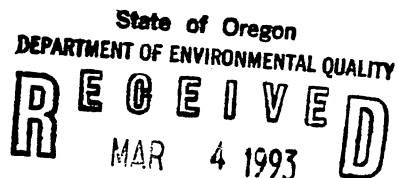
## ALBANY MAIN OFFICE

1720 S. Washington St.  
Albany, OR 97321  
(503) 928-8490  
FAX (503) 926-7324  
1-800-676-6994

## OTHER LOCATIONS:

- PORTLAND
- SALEM
- NEWPORT
- MEDFORD
- TILLAMOOK

March 1, 1993



**SOUTHWEST REGION OFFICE**

Mr. Byron Peterson  
Oregon DEQ  
201 W. Main Street, Suite 2-D  
Medford, OR 97501

**RE: Final soil sampling event, Colvin Oil, 20 S. Stage Road,  
Medford, OR 97501, Request for closure**

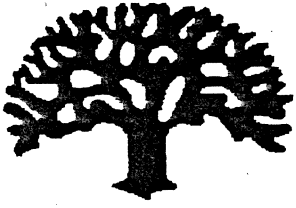
Dear Mr. Peterson:

Enclosed are the analytical results for the 25 soil samples collected at this site. Pursuant to our telephone conversation of February 17, 1993, we opted to collect a "representative" soil sample for every 125 yards of contaminated soil at this site.

It is my understanding that the soils at this location came from the Colvin Oil Company Medford III Fireball Gas site and the Medford II site on Court Street. Permission was obtained to combine the soils from both sites at this location.

Based on the analytical results and the observations of the field technician who collected the samples, the soils appear to be significantly remediated.

With your concurrence, we wish to spread the soils out and fill the low spots at this site. Some areas will be covered with a gravel finish or asphalt. The final spreading will not allow the soils to come into contact with groundwater or waterways. The site is located in an area where contact with humans is unlikely.



# UST Environmental Services Inc.

Page 2

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After reviewing this information, please feel free to contact us directly if there are any questions about this report.

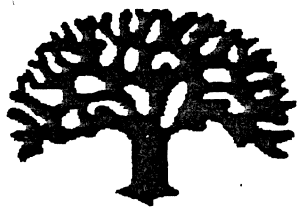
Sincerely,

A handwritten signature in black ink, appearing to read "Jason Klohk". The signature is fluid and cursive, with the first name being more prominent.

Jason Klohk  
Soil Matrix Supervisor #12116

A handwritten signature in black ink, appearing to read "Bob Cyphers". The signature is cursive and somewhat stylized, with the first name being more prominent.

Bob Cyphers  
Program Manager



# UST Environmental Services Inc.

Page 3

**FINAL ROUND SOIL ANALYSIS  
COLVIN OIL COMPANY  
20 S. Stage Road, Medford, OR 97501**

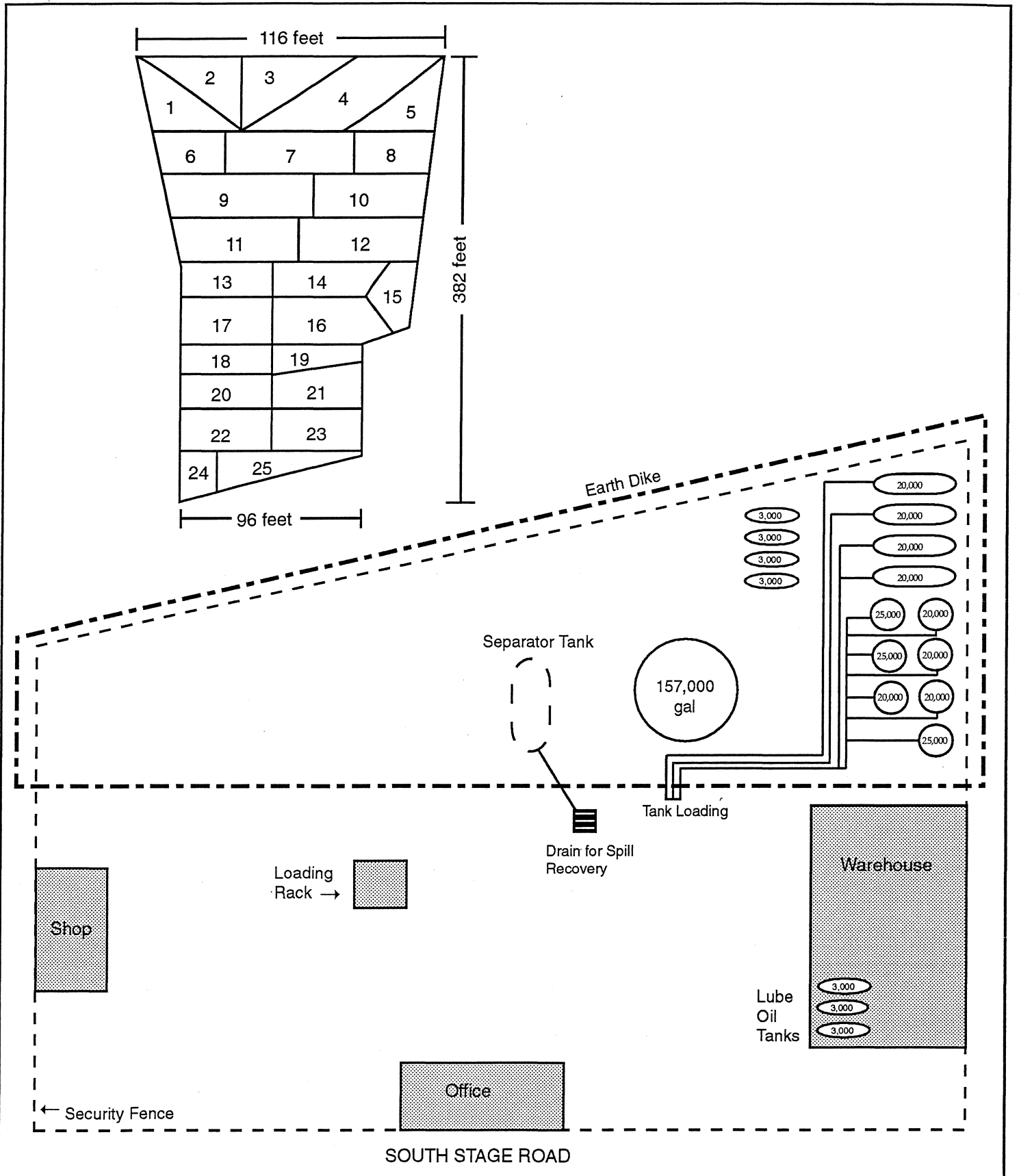
In February of 1993, Jason Klohk and Mike Reiling collected representative soil samples from the stockpiled soils at the Colvin Oil Bulk Plant located at the above address. Samples were collected by advancing a clean stainless steel hand sampling tube with a rubber mallet. The tube was advanced to various depths described in the proposed sampling methodology within the soil treatment and management plan. Each sample was collected by twisting off the brass tube sampler and taping each end with duct tape.

The samples were then logged on a Chain-of-Custody form, iced and transported to Environmental Science and Testing in Salem, Oregon for analysis.

Between sampling events, the sampling tube was pressure washed, rinsed with Aquinox solution and dried. The technician wore a pair of disposable gloves in between each sampling event. The visquine cover was again placed over the soils and the site was secured upon completion.

Samples collected were analyzed for TPH-G. The results are presented below.

<b>ANALYTICAL RESULTS</b>			
<b>Results Reported in Parts Per Million</b>			
<b>SAMPLE LOCATION #</b>	<b>TPH-G</b>	<b>SAMPLE LOCATION #</b>	<b>TPH-G</b>
1	<5	14	<5
2	<5	15	<5
3	<5	16	<5
4	<5	17	<5
5	<5	18	<5
6	<5	19	<5
7	<5	20	<5
8	<5	21	<5
9	<5	22	<5
10	<5	23	<5
11	<5	24	<5
12	<5	25	<5
13	<5		



**COLVIN OIL COMPANY**  
 20 S. Stage Rd., Medford, OR 97501

**SITE MAP - NOT TO SCALE**



**UST ENVIRONMENTAL SERVICES**

PROJECT NO.: CO

DATE: 3-1-93

PREPARED BY: SMITH

PLATE: 1



REA Environmental Science and Testing, Inc.  
Environmental Science and Testing

February 26, 1993

Jason Klohk, Project Manager  
UST Environmental  
1720 South Washington Street  
Albany, Oregon 97321

Dear Jason:

Please find enclosed the results of laboratory analysis for samples received on February 24, 1993 from project Colvin Stage Road located at Stage Road.

We appreciate the opportunity to be of service to you on this important project. If you have any questions regarding the enclosed information or if you wish to discuss other aspects of your project, please call.

Sincerely,

Environmental Science and Testing

Zachariah J. Purdie  
Laboratory Manager

Environmental Science and Testing

Kathleen J. Thorpe  
Laboratory Director



# REA Environmental Science and Testing, Inc.

Environmental Science and Testing

## Report of Sample Analysis By DEQ Method TPH-G, Gasoline Quantification Using Gas Chromatography (GC/PID) Results Reported in Parts Per Million (mg/Kg)

Project: Colvin  
Project Location: the Stage Rd. Bulk Plant Medford site  
Attention: Jason Klohk, Project Manager  
Analyzed By: Zach Purdie

Date Samples Received: February 19, 1993  
Date of Report: February 24, 1993  
Report Number: 02594587.393

Page 1

Sample Number	Concentration (mg/Kg)	Sample Number	Concentration (mg/Kg)
SP-1	<5	SP-14	<5
SP-2	<5	SP-15	<5
SP-3	<5	SP-16	<5
SP-4	<5	SP-17	<5
SP-5	<5	SP-18	<5
SP-6	<5	SP-19	<5
SP-7	<5	SP-20	<5
SP-8	<5	SP-21	<5
SP-9	<5	SP-22	<5
SP-10	<5	SP-23	<5
SP-11	<5	SP-24	<5
SP-12	<5	SP-25	<5
SP-13	<5		

Quality Assurance	Method Blank	SP-1 (Sample Duplicate)	Amount Spiked	Matrix Spike % Recovery	Matrix Spike Duplicate % Recovery
	<5	<5	10	78%	79%

Approved By:  
Environmental Science and Testing

Zachariah J. Purdie  
Laboratory Manager

Approved By:  
Environmental Science and Testing

Kathleen J. Thorpe  
Laboratory Director



# Chain-of-Custody - Analysis Request Form

**SURVEY**

**COLVIN OIL**

**SAMPLERS: Signature**

**Stage Rd. Bulk Plant, Medford**

*Jason Klohk*

CLIENT NUMBER	SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE		ANALYSIS REQUIRED
				WATER Comp.	SOIL Grab	
	SP-1	2/17	11:35		X	TPH-G
	SP-2	2/17	11:44		X	TPH-G
	SP-3	2/17	11:53		X	TPH-G
	SP-4	2/17	12:02		X	TPH-G
	SP-5	2/17	12:30		X	TPH-G
	SP-6	2/17	12:39		X	TPH-G
	SP-7	2/17	12:48		X	TPH-G
	SP-8	2/17	12:57		X	TPH-G
	SP-9	2/17	1:08		X	TPH-G
	SP-10	2/17	1:17		X	TPH-G
	SP-11	2/17	1:26		X	TPH-G
	SP-12	2/17	1:35		X	TPH-G
	SP-13	2/17	1:46		X	TPH-G
	SP-14	2/17	2:00		X	TPH-G

RELINQUISHED BY: Signature

*Jason Klohk*

Company Name **Jason Klohk**

**UST Environmental Services**

RECEIVED BY: Signature

*Zachariah Purdie*

Company Name **Zachariah Purdie**

**REA Environmental Science**

DATE/TIME

**2-19-93**

RELINQUISHED BY: Signature

RECEIVED BY: Signature

DATE/TIME

Company Name

Company Name

DISPATCHED BY: Signature

DATE/TIME

RECEIVED FOR LABORATORY BY:

DATE/TIME

METHOD OF SHIPMENT:



# Chain-of-Custody - Analysis Request Form

**SURVEY** **COLVIN OIL** **SAMPLERS: Signature**  
**Stage Rd. Bulk Plant, Medford** *Jason Klohk*

CLIENT NUMBER	SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE		SOIL	ANALYSIS REQUIRED
				WATER Comp.	Grab		
	SP-15	2/17	2:09			X	TPH-G
	SP-16	2/17	2:18			X	TPH-G
	SP-17	2/17	2:27			X	TPH-G
	SP-18	2/17	2:36			X	TPH-G
	SP-19	2/17	2:45			X	TPH-G
	SP-20	2/17	2:54			X	TPH-G
	SP-21	2/17	3:03			X	TPH-G
	SP-22	2/17	3:12			X	TPH-G
	SP-23	2/17	3:21			X	TPH-G
	SP-24	2/17	3:30			X	TPH-G
	SP-25	2/17	3:37			X	TPH-G

RELINQUISHED BY: Signature <i>Jason Klohk</i> Company Name <b>Jason Klohk</b> <b>UST Environmental Services</b>		RECEIVED BY: Signature <i>Zachariah Purdie</i> Company Name <b>Zachariah Purdie</b> <b>REA Environmental Science</b>		DATE/TIME <b>2-19-93</b>	
RELINQUISHED BY: Signature  Company Name		RECEIVED BY: Signature  Company Name		DATE/TIME	
DISPATCHED BY: Signature		DATE/TIME	RECEIVED FOR LABORATORY BY:		DATE/TIME

METHOD OF SHIPMENT:

15-91-119 SWR

Oregon Department of Environmental Quality  
UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 6735

DATE: 9-24-91

FACILITY NAME: Colvin Oil Co.

FACILITY ADDRESS: 1065 E Pine St.

Central Point, Ore 97501

PHONE: 664-3570

State of Oregon  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
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The following information **MUST** be submitted by the underground storage tank owner to the DEQ Supervisor within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 through -150)

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

**A. DATES:**

Decommissioning/Service Change Notice - Date Submitted: \_\_\_\_\_ (30 days before work starts)

Work Start Telephone Notice - Date Submitted: 9-14-91 (3 working days before work starts)

DEQ Person Notified: Byron Peterson

Date Work Started: 9-24-91

Date Work Completed: 12-20-91

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 9-24-91 By: Warren West

DEQ Person Notified: Byron Peterson

Backfill Telephone Notice - Date Called: 12-2-91 (before backfilling)

DEQ Person Notified: Byron Peterson

Department of Environmental Quality  
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Bohm  
UST Compliance Section

**B. PERMITS:**

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

DEQ Water Discharge Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

Disposed to (Location): 20 Stage Rd Medford OR

DEQ Solid Waste Disposal Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

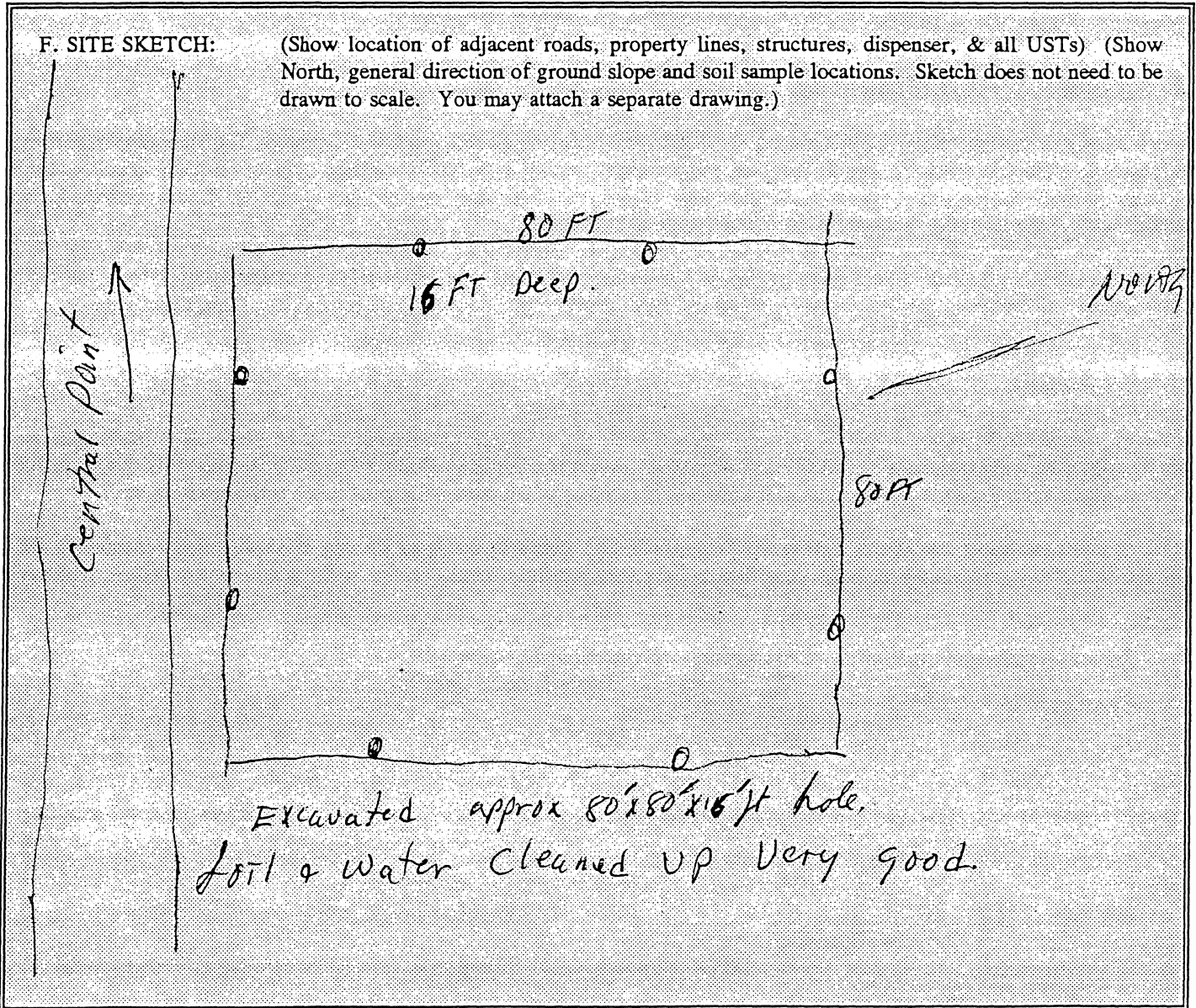
E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1					Nelson
2					Nelson
3					Nelson

\* Note: Sampling is required if groundwater is encountered. See cleanup rules.

F. SITE SKETCH:

(Show location of adjacent roads, property lines, structures, dispenser, & all USTs) (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)



Oregon Department of Environmental Quality  
**UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST**

DEQ FACILITY NUMBER: 6735 DATE: 9-24-91  
 FACILITY NAME: Colvin Oil Co.  
 FACILITY ADDRESS: 1065 E Pine st  
Central Point, Ore  
 PHONE: 664 3570

**A. SAFETY EQUIPMENT ON JOB SITE:**

Fire Extinguisher: Type/Size: Badger B70R-2 20lb Recharge Date: 8-1-91  
 Combustible Gas Detector: Model: CMX 271 Calibration Date: 8-1-91  
 Oxygen Analyzer: Model: CMX 271 Calibration Date: 8-1-91

**B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)**  
 (Check Appropriate Box)

1. All electrical equipment grounded and explosion proof?
2. Safety equipment on job site?
3. Overhead electrical lines located?
4. Subsurface electrical lines off or disconnected?
5. Natural gas lines off or disconnected?
6. No open fires or smoking material in area?
7. Vehicle and pedestrian traffic controlled?
8. Excavation material area cleared?
9. Rainwater runoff directed to treatment area?
10. Drained and collected product from lines?
11. Removed product and residual from tank?
12. Cleaned tank?
13. Excavated to top of tank?
14. Removed tank fixtures? (pumps, leak detection equip.)
15. Removed product, fill and vent lines?

Department of Environmental Quality  
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*Bohm*  
 UST Compliance Section

Yes	No	Unk	N/A
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
	✓		
✓			
✓			
✓			
✓			
✓			
✓			

**C. TANK ABANDONMENT IN-PLACE:**

16. Sampling plan approved by DEQ?  
 Date: \_\_\_\_\_ DEQ Staff: \_\_\_\_\_

	✓		
--	---	--	--

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 10536  
Name: Weast Service Inc.  
Telephone: 474-2789

DEQ Decommissioning Supervisor's License #: 10430  
Name: Warren Weast  
Telephone: 474 2789

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.
2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

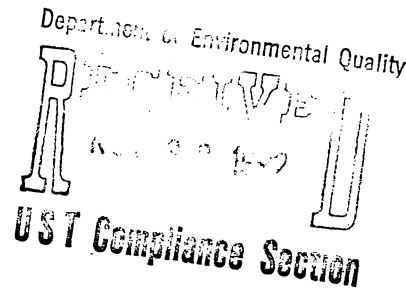
Send Completed Form to: Department of Environmental Quality  
UST Program - Decommissioning Checklist  
811 S.W. Sixth Ave.  
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Warren Weast Date: 9-24-91  
(Licensed Supervisor)

Signature: Mark Calvin Date: 9-24-91  
(Owner or Operator)

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011



Colvin Oil Co.  
1065 E Pinest  
Central Point, OR 97502

Dear Tank Owner:

The Department of Environmental Quality (DEQ) received notice that you intended to remove some or all of your underground storage tanks at least 30 days ago, at your facility #6735. As part of your packet of information on the decommissioning, you received a Decommissioning Service Change Report and a Decommissioning Checklist. These reports were to have been completed and returned to the Department 30 days after the decommissioning was done.

If these reports are not received by November 30th you will receive a UST annual compliance invoice for 1993. To avoid this, please submit these reports as soon as possible.

Enclosed you will find a copy of the requested reports. Please complete and return the reports to the Department as soon as possible. If you have any further questions please feel free to call me at 229-5733.

Sincerely

A handwritten signature in cursive script that reads "Cindy Salter".

Cindy Salter  
Office Specialist  
UST Compliance  
Hazardous & Solid Waste

enclosures



February 6, 1995

Mr. Mark Colvin  
Colvin Oil Company  
2520 Foothill Blvd.  
Grants Pass, OR 97526

---

DEPARTMENT OF  
ENVIRONMENTAL  
QUALITY

---

WESTERN REGION

Re: Colvin Oil - BP Station  
1065 East Pine  
Central Point  
LUST No. 15-91-0119  
Jackson County  
USTE Review

Dear Mr. Colvin:

In our letter to you, dated June 22, 1994, the Oregon Department of Environmental Quality (DEQ) indicated that it would be reviewing its files on the underground storage tank decommissioning and cleanups conducted by UST Environmental. The review was necessary in order to determine what additional actions are required for this site since the Department cannot accept any of the work conducted by UST Environmental, Hogate Drilling, and associated companies. These companies are named in a lawsuit due to alleged fraudulent activities. The activities included falsified laboratory and disposal receipts, which therefore casts doubt on all of the work supposedly conducted by these companies.

Our review of the information is submitted to date for the property located at 1065 East Pine, Central Point, Oregon, is complete. Based upon this review, the following issues need to be resolved at this site.

Confirmatory sampling of excavated soils

Since contaminated soil was removed from this site for above ground treatment, the soil must be sampled to determine the completeness of cleanup. One sample must be collected from each 50 cubic yards of contaminated soil and analyzed by methods TPH-G and TPH-D. If contamination remains in the soil above the appropriate cleanup level, all of the Department's soil treatment requirements must be met, including either applying for a letter of authorization to treat petroleum contaminated soil, or disposing of the soil at an approved facility. If the soil meets



Mr. Mark Colvin  
February 6, 1995  
Page 2

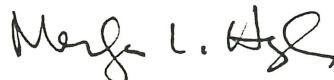
the appropriate cleanup level, then the soil must be handled according to the Departments's policy for reuse of petroleum contaminated soil.

There are currently many more active cleanup sites than the Department has staff resources to provide oversight. The Department can only address the highest environmental priorities first, and then work down the list. Because this often created a dilemma for those responsible parties with lower environmental priority sites, who wished to see their site addressed sooner for their own reasons (i.e. property transaction, bank loan etc.), the Responsible Party Priority Program was established. In this program DEQ project managers are assigned to these sites on a first come first serve basis, and provide oversight throughout the cleanup process. The ultimate result is a No Further Action (NFA) letter when the project is complete.

Currently an RP can continue a cleanup with or without Department oversight. However, when the Department eventually reviews the site, if work is not done correctly, the Department can request additional work to be done, time delays could occur, and the project could become more expensive. By having an assigned project manager, questions and concerns are discussed as the project progresses, therefore eliminating the potential of having to go back for additional information at a later date. Enclosed is a copy of the RPs Priority Program agreement form. If you have any questions or are interested in signing up, please contact Kathleen Lippitt at DEQ, 811 SW Sixth Avenue, Portland, Oregon 97204, or call (503) 229-6635.

We have enclosed our brochure on selecting an UST contractor for your information. If you have any questions regarding the required work, please contact Byron Peterson in the Medford office at (503) 776-6136, ext. 229.

Sincerely,



Merlyn L. Hough  
Western Region Tanks Manager

BCP:MLH:hwh  
E:\WP51\COLCENTP.UST

Enclosure

cc: **Byron Peterson:WR-Medford:DEQ**

Mr. Mark Colvin  
February 6, 1995  
Page 3

Andree Pollock:NWR-Portland:DEQ

# Oregon

DEPARTMENT OF  
ENVIRONMENTAL  
QUALITY

WESTERN REGION

February 6, 1995

Mr. Mark Colvin  
Colvin Oil Company  
2520 Foothill Blvd.  
Grants Pass, OR 97526

Re: Colvin Oil - BP Station  
1065 East Pine  
Central Point  
LUST No. 15-91-0119  
Jackson County  
USTE Review

Dear Mr. Colvin:

In our letter to you, dated June 22, 1994, the Oregon Department of Environmental Quality (DEQ) indicated that it would be reviewing its files on the underground storage tank decommissioning and cleanups conducted by UST Environmental. The review was necessary in order to determine what additional actions are required for this site since the Department cannot accept any of the work conducted by UST Environmental, Hogate Drilling, and associated companies. These companies are named in a lawsuit due to alleged fraudulent activities. The activities included falsified laboratory and disposal receipts, which therefore casts doubt on all of the work supposedly conducted by these companies.

Our review of the information is submitted to date for the property located at 1065 East Pine, Central Point, Oregon, is complete. Based upon this review, the following issues need to be resolved at this site.

Confirmatory sampling of excavated soils

Since contaminated soil was removed from this site for above ground treatment, the soil must be sampled to determine the completeness of cleanup. One sample must be collected from each 50 cubic yards of contaminated soil and analyzed by methods TPH-G and TPH-D. If contamination remains in the soil above the appropriate cleanup level, all of the Department's soil treatment requirements must be met, including either applying for a letter of authorization to treat petroleum contaminated soil, or disposing of the soil at an approved facility. If the soil meets

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FEB 13 1995

Dept. of Environmental Quality  
MEDFORD



201 W Main, Suite 2-D  
Medford, OR 97501  
(503) 776-6010  
FAX (503) 776-6262  
DEQ/SWR 103

Mr. Mark Colvin  
February 6, 1995  
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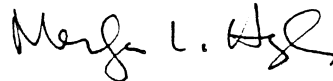
the appropriate cleanup level, then the soil must be handled according to the Departments's policy for reuse of petroleum contaminated soil.

There are currently many more active cleanup sites than the Department has staff resources to provide oversight. The Department can only address the highest environmental priorities first, and then work down the list. Because this often created a dilemma for those responsible parties with lower environmental priority sites, who wished to see their site addressed sooner for their own reasons (i.e. property transaction, bank loan etc.), the Responsible Party Priority Program was established. In this program DEQ project managers are assigned to these sites on a first come first serve basis, and provide oversight throughout the cleanup process. The ultimate result is a No Further Action (NFA) letter when the project is complete.

Currently an RP can continue a cleanup with or without Department oversight. However, when the Department eventually reviews the site, if work is not done correctly, the Department can request additional work to be done, time delays could occur, and the project could become more expensive. By having an assigned project manager, questions and concerns are discussed as the project progresses, therefore eliminating the potential of having to go back for additional information at a later date. Enclosed is a copy of the RPs Priority Program agreement form. If you have any questions or are interested in signing up, please contact Kathleen Lippitt at DEQ, 811 SW Sixth Avenue, Portland, Oregon 97204, or call (503) 229-6635.

We have enclosed our brochure on selecting an UST contractor for your information. If you have any questions regarding the required work, please contact Byron Peterson in the Medford office at (503) 776-6136, ext. 229.

Sincerely,



Merlyn L. Hough  
Western Region Tanks Manager

BCP:MLH:hwh  
E:\WP51\COLCENTP.UST

Enclosure

cc: Byron Peterson:WR-Medford:DEQ

Mr. Mark Colvin  
February 6, 1995  
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Andree Pollock:NWR-Portland:DEQ

January 13, 1995

Mr. Jerry Barnett  
David Brown & Associates Incorporated  
7150 Southwest Fir Loop Ste 204  
Portland OR 97223

DEPARTMENT OF  
ENVIRONMENTAL  
QUALITY

WESTERN REGION

Re: INVOICE-Photocopies:  
LUST ID#'s 15-91-119  
10-91-04  
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Dear Mr. Barnett:

Per your request, I am invoicing your office for the 44 photocopies you received today. The Department of Environmental Quality (DEQ) charges 25 cents per copy:

Copies 44 x .25 = \$11.00

Please make your check payable to DEQ in the amount of \$11.00 and send it to:

Department of Environmental Quality  
201 West Main St Ste 2-D  
Medford OR 97501

We will send you a receipt after receiving your payment. If you have any questions, please call me at ext. 222.

Sincerely,



Monique Schmidt  
Branch Secretary



201 W Main, Suite 2-D  
Medford, OR 97501  
(503) 776-6010  
FAX (503) 776-6262  
DEQ/SWR 103

