

## **Kennedy Equipment Company Inc.**

UST # 6606 RELEASE ID 519023

510 THIRD STREET CLARKSTON, WASHINGTON 99403

Phone 1 (509) 758-2493 Fax 1 (509) 758-6960 January 29, 1999

## SITE INVESTIGATION REPORT

FEB I O 1999

DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

**Site Assessment With Tank Removal** 

Guy Bennett Lumber Company-----Elm Street Site P.O. Box 670 Clarkston, Washington 99403 (509) 758 - 5558

Contact: Mr. Mitch Dimke

As requested, we have performed investigation and assessment services during the underground storage tank closure with removal. Excavation work involved two separate holes with two tanks each. In the hole containing the gas and diesel tanks, contamination was encountered. Much of it was removed but there are a couple of areas where contamination is still above target levels. Please review the conclusions in this report. The other hole containing the waste oil tanks is considered to be clean. A copy of this report has been sent to the Washington Department of Ecology.

Report submitted by,

Taren L. Nelson

Installation/Retrofitting #0873668-25

Decommissioning #0873668-26

Underground Storage Tank Tightness Testing #0873668-27

Washington State Underground Storage Tank Site Assessment (ASI #32002217)



### **Site Description**

Guy Bennett Lumber Company owns many acres of land at this Elm Street site. Much of its current operations has been moved to the Port of Wilma site but the tire shop and mechanics shop are still here. Guy Bennett grew his enterprise beginning in the late 1930's and early 1940's. At some time, two fuel tanks were installed and used to store and dispense gas and diesel. In the 1970's two more tanks were installed over at the side of the mechanics shop and were used to store and dispense gas and diesel. The pumps were removed from the original tanks in the main drive area and these tanks began use for waste oil storage.

## **Site Inspection**

• Tank excavation hole number one. These tanks are the ones that had been recently in use to dispense gas and diesel. They were covered with asphalt with a concrete island and drive slab on one end. There was some noticable contamination underneath the fuel pumps where occasional leaks had collected. Upon excavation, the tanks and piping were free from corrosion and everything appeared tight. The soil had a definate gasoline odor, though, and was stockpiled in preparation for bioremediation.

• Tank excavation hole number two. These tanks are the ones that had been recently in use to store waste oil. They were covered with asphalt. Upon excavation, the tanks and piping did not have any deep corrosion and everything appeared to be tight. The soil in this hole appeared clean

but was stockpiled with the soil from the other hole anyway.

• Overexcavation of hole number one. Sample analysis showed large amounts of contamination on this area. As we had already excavated as deep as our equipment would allow, a larger machine was brought in. We removed soil as deep as we could go and began to work our way back in all directions to see if all of the noticably contaminated soil could be removed. This hole is bordered on one side by the mechanics shop building, and indications such as fire hydrants and water manways limited how far we could go in all three other directions. The soil rapidly became cleaner but due to the underground obstructions we stopped digging until we could see how the sample test results came back.

• Stockpile/Bioremediation site. As this site is a lumber mill, a short distance away is a large, flat, log storage deck. All excavated soils, including a small amount from Bennett Lumber's

other tank removal site at the Port of Wilma, was taken to this deck.



### Field Sampling Plan

All soil encountered at this site was fine sand. As I have learned at other site around Clarkston, a small leak can go a long way. Samples were collected at the recommended locations in each hole. All samples were collected by hand from either the backhoe bucket or by entering the hole and using a new vinyl surgical type glove to pack it into the container. Containers were supplied by Anatek Labs of Moscow, Idaho. Each sample was put in a cooler under cold pack and delivered to the lab with chain of custody records. Groundwater was not encountered.

- Tank hole number one. In the original excavation, sample one was taken four feet down on the northern wall next to the mechanics shop. Sample two was taken underneath the west (gas) tank eight feet down. Sample three was underneath the east (diesel) tank eight feet down. Sample four was four feet down on the south wall. This would place the sample underneath where the fuel island was located.
- Tank hole number two. Sample number one was taken from the south wall four feet down. I chose this wall because at one time in the past there had been pumps here. Sample two was underneath the west waste oil tank eight feet down. Sample three was taken four feet down on the north wall. Sample four was taken underneath the east waste oil tank eight feet down.
- Overexcavation of tank hole number one. Sample five was collected from the center of the excavation at the deepest point we could dig (seventeen feet). Sample six was taken from the western excavation wall ten feet down. Sample seven was taken from the south wall, ten feet down. Sample eight was taken from the east wall ten feet down.

#### **Conclusions**

The source of contamination at Bennett Lumber's Elm Street site has been removed. Most of the contamination itself has been removed. The waste oil tank hole is clean. The gasoline and diesel tank hole has gone from 8,850-11,800 at eight feet to 6,530 ppm of gasoline contamination remaining at seventeen feet. There is also 3,090 ppm of contamination still on the western wall. The three sides toward the building, the street, and the south are all clean.

To continue to excavate deeper, we would have to build a ramp to get the machine into the hole. This would be quite difficult as there are buried obstructions on all sides. We would also create a very deep hole in sandy soil right next to a building. If the overhead power line was disconnected to the tire shop, we would be able to excavate the wall with the 3,090ppm for an additional ten feet horizontally before running into the water line servicing the fire hydrants. The site is outside of the ten year effect range for all the city water wells and Bennett Lumber owns acres of land in all directions.

Due to the depth of the hole and proximity to the building, I instructed Bennett Lumber to fill the hole with clean material immediately after taking the last set of soil samples. Since the tanks and piping was tight, I do not believe that there is that much actual volume of contaminated soil left remaining.



## TABLE OF ATTACHMENTS

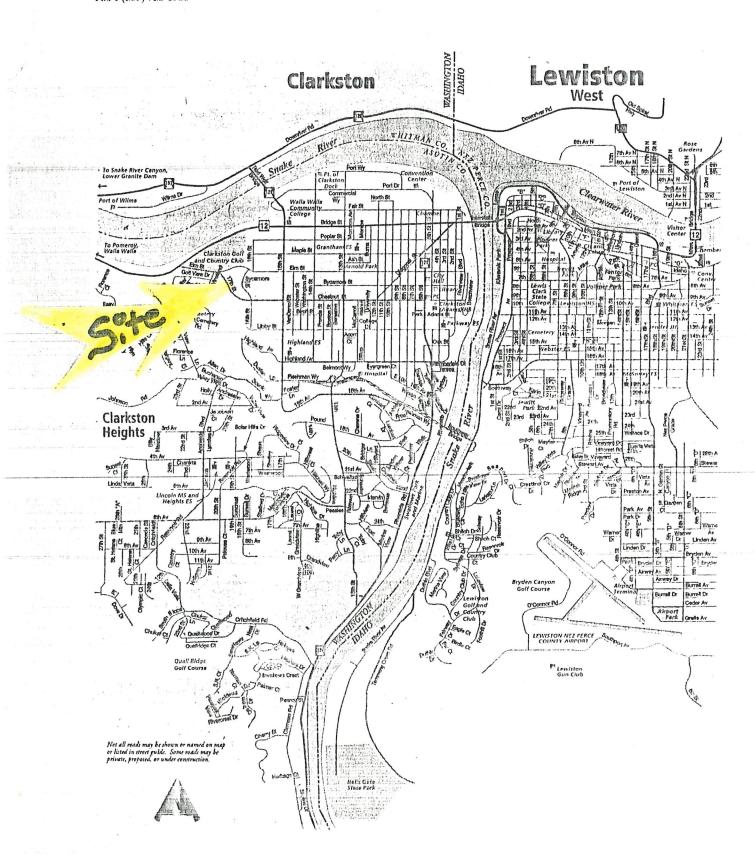
Page Five	Vicinity map
Page Six	Site map
Page Seven	Fuel excavation map
Page Eight	
Page Nine-Twenty three	
Page Twenty Four	Site assessment notice
Page Twenty Five	Site assessment checklist

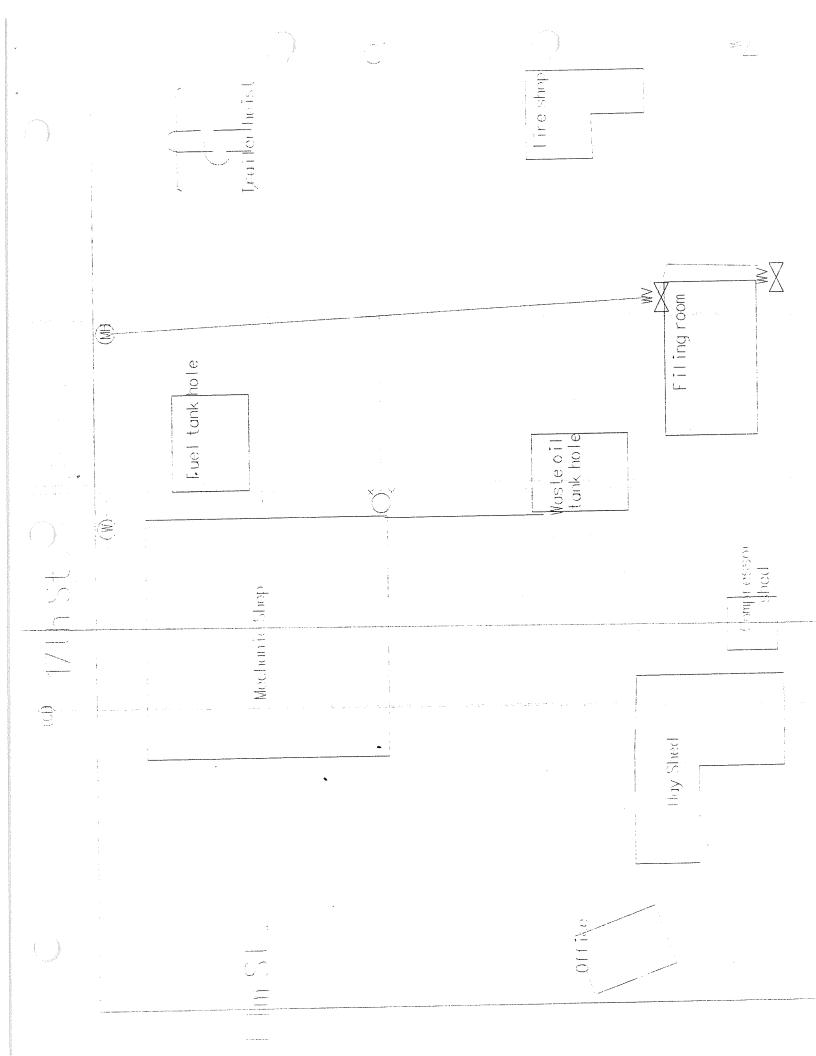


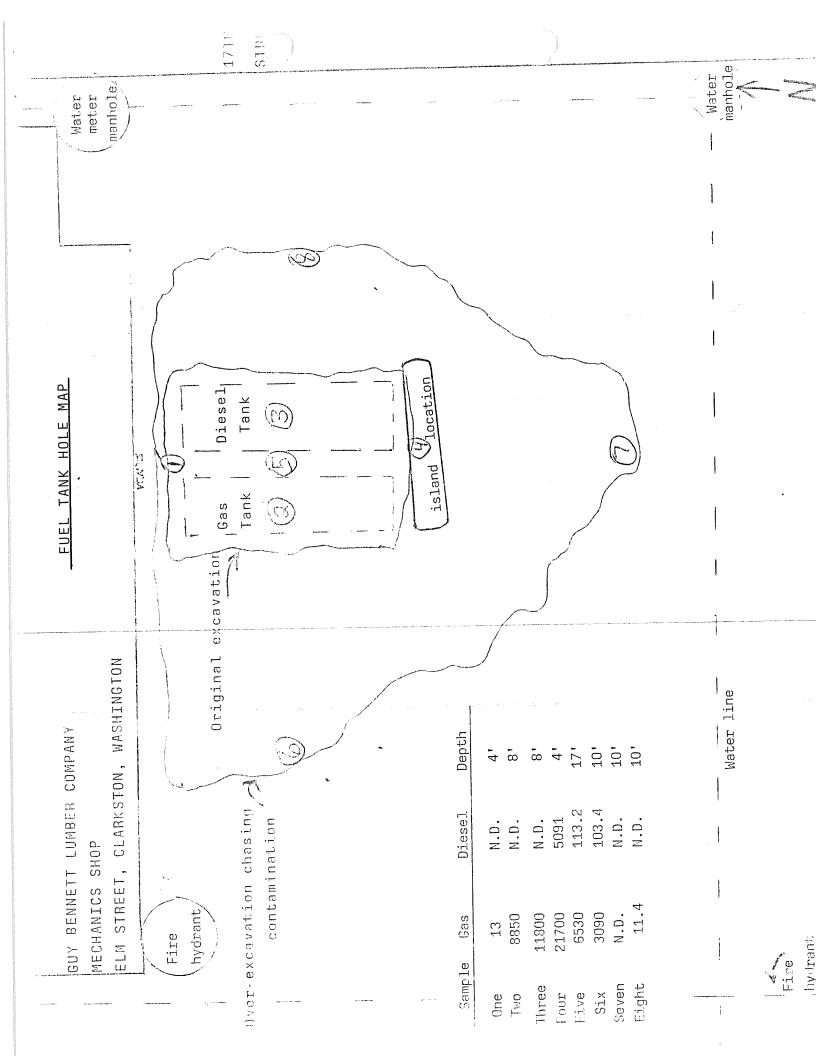
## Kennedy Equipment Company Inc.

510 THIRD STREET CLARKSTON, WASHINGTON 99403

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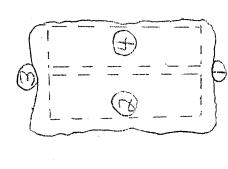


WASTE OIL TANK HOLE MAP

GUY BENNETT LUMBER COMPANX

CLARKSTON, WASHINGTON

ELM STREET



FILING ROOM

Sample	Gas	Diesel	Lube Oil	Depth
0 n e	N. D.	N.D.	N.D.	4 1
Two	N. D.	N.D.	O. N	<b>.</b> 8
Three	N.D.	N.D.	N.D.	4.
Four	N.D.	61	. O. X	8 1
0 + 0	2	000	2	

TIRE SHOP

1917 South Main St • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email anatekid@moscow.com 504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email anatekwa@moscow.com

#### KENNEDY EQUIPMENT COMPANY

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

Project: BENNETT AND ELM

#### **Certificate of Analysis**

Petroleum - Gasoline by NWTPH-G BTEX by EPA 602/8021B(MOD)

Cumpia accument	NBW	Gasoline	13	mg/Kg	5.0
Sampling Date:	12/18/98	NWTPH-G Surrogate (BFB) I	Percent Recovery 92.1		
Sampling Time:					
Date Received:	12/18/98	Benzene	0.032	mg/Kg	0.005
EGD III.	25788-01	Toluene	0.128	mg/Kg	0.005
Matrix: Analysis Date TPH-G/BTEX:	SOIL 12/22/98	Ethylbenzene	0.053	mg/Kg	0.005
	83.2	Xylene (total)	0.454	mg/Kg	0.010
		BTEX Surrogate (CB-da	5) Percent Recovery 100.	<b>,</b>	

Sample Name: Sample Location:	2 WS	Analyte Gasoline	8850	mg/Kg	125.0
Sampling Date:	12/18/98	NWTPH-G Surrogate (BFB) Pe	ercent Recovery 92.1		
Sampling Time:					
Date Received:	12/18/98	Benzene	20.7	mg/Kg	0.125
Lab#:	25788-02	Toluene	334	mg/Kg	0.125
Matrix: Analysis Date TPH-G/BTEX:	SOIL 12/22/98	Ethylbenzene	84.2	mg/Kg	0.125
Percent Solids	94.9	Xylene (total)	477	mg/Kg	0.250

Sample Name: Sample Location:	3 EW	<b>Analyte</b> Gasoline	11800	mg/Kg	250.0
Sampling Date: Sampling Time:	12/18/98	NWTPH-G Surrogate (BFB) Percent Recovery	y 92.1		
Date Received: Lab #: Matrix: Analysis Date TPH-G/BTEX:		Benzene Toluene Ethylbenzene	111 794 165 869	mg/Kg mg/Kg mg/Kg mg/Ka	0.250 0.250 0.250 0.500
Percent Solids	93.7	Xylene (total)  BTEX Surrogaie (CB-d5) Percent Recov		mg/mg	0.000

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#### KENNEDY EQUIPMENT COMPANY

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

PROJECT: BENNETT AND ELM

#### **Certificate of Analysis**

Petroleum -NWTPH-D by GC/FID (8015 modified)

Units PQL Analyte Result Sample Name: ND mg/Kg 25.0 Sample Location: NBW Diesel 12/18/98 Sampling Date: NWTPH-D Surrogate (Hexacosane) Percent Recovery 111.3 Sampling Time: 12/18/98 Date Received: 25788-01 Lab #: SOIL Matrix: Comments: 12/23/98 Analysis Date NWTPH-D: Percent Solids: 83.2

Result Units PQL .... 2 Analyte Sample Name: 25.0 ND mg/Kg Sample Location: WS Diesel Sampling Date: 12/18/98 111.9 NWTPH-D Surrogate (Hexacosane) Percent Recovery Sampling Time: Date Received: 12/18/98 25788-02 Lab #: Matrix: SOIL Comments: Analysis Date NWTPH-D: 12/23/98 94.9 Percent Solids:

PQL Units Analyte Result 3 Sample Name: EW ND mg/Kg 25.0 Diesel Sample Location: Sampling Date: 12/18/98 120.5 NWTPH-D Surrogate (Hexacosane) Percent Recovery Sampling Time: Date Received: 12/18/98 25788-03 Lab #: SOIL Matrix: Comments: 12/23/98 Analysis Date NWTPH-D: 93.7 Percent Solids:

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#### KENNEDY EQUIPMENT COMPANY

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

Project: BENNETT AND ELM

#### **Certificate of Analysis**

Petroleum - Gasoline by NWTPH-G BTEX by EPA 602/8021B(MOD)

Sample Name: Sample Location:	SSW	Gasoline	21700	mg/Kg	250.0
Sampling Date: Sampling Time:	12/18/98	NWTPH-G Surrogate (BFB) F	Percent Recovery 92.1		
Date Received:	12/18/98	Benzene	247	mg/Kg	0.250
Lub III	25788-04 SOIL	Toluene	1600	mg/Kg	0.250
Analysis Date TPH-G/BTEX:		Ethylbenzene	384	mg/Kg	0.250
	83.2	Xylene (total)	2060	mg/Kg	0.500

Sample Name: Sample Location:	SP	<b>Analyte</b> Gasoline	9950	<b>⊈n¥ts</b> mg/Kg	<b>PG1.</b> 125.0
Sampling Date:	12/18/98	NWTPH-G Surrogate (BFB) Per	cent Recovery 92.1		
Sampling Time:		,	•		
Date Received:	12/18/98	Danmana	53.4	mg/Kg	0.125
Lab #:	25788-05	Benzene	500	mg/Kg	0.125
Matrix:	SOIL	Toluene	128	mg/Kg	0.128
Analysis Date TPH-G/BTEX:		Ethylbenzene	722	mg/Kg	0.250
Percent Solids	87.2	Xylene (total)	122	mg/Ng	0.200

Lab Supervisor:

Report Date:

30-Dec-98

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#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

PROJECT: BENNETT AND ELM

#### **Certificate of Analysis**

Petroleum -NWTPH-D by GC/FID (8015 modified)

Sample Name:	4	Analyte	Result	Units	PQL
Sample Location:	SSW	Diesel	5091	mg/Kg	25.0
Sampling Date:	12/18/98				
Sampling Time:		NWTPH-D Surroga	te (Hexacosane) Percent Reco	very 107.	3
Date Received:	12/18/98				
Lab #:	25788-04				
Matrix:	SOIL	Comments:	Contamination appears to be	primarily gasolir	ne with some die
Analysis Date NWTPH-D:	12/23/98	•	.,	, , ,	
Percent Solids:	83.2				

Sample Name:	SP	Analyte	Result	Units	PQL
Sample Location:		Diesel	2080	mg/Kg	25.0
Sampling Date:	12/18/98				
Sampling Time:		NWTPH-D Surroga	te (Hexacosane) Percent Recov	very 115.	1
Date Received:	12/18/98				
Lab #:	25788-05				
Matrix:	SOIL	Comments:	Contamination appears to be p	orimarily gasolir	ne with some diesel.
Analysis Date NWTPH-D:	12/23/98	. •			
Percent Solids:	87.2				

Lab Supervisor:

Report Date:

30-Dec-98

City: Phone: Company Name: નdaress: Received by Relinquished by ex: Received by Relinquished by Lab Relinquished by Sample Identification 1 Labs, Inc. 77 Sample Description **Printed Name** State: Sampling Date/Time Ta Gr 13/11 12/11 100 38-443. Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-443. 50.50 50.50 50.50 50.50 Zip: Signature 100 The Co Matrix 1 SHOW Sampler Signature: Project Name & #:7 Project Manager: Shipped Via/Other: Purchase Order #: # of Containers Sample Volume TPN-D TPN-G-8ta Analyses Requested Company 11.3006 Canal Canal ra ra Contract of the Contract of th Date 100 1 Ime  $V_1$ Containers Sealed? Labels & Chain Agree? Received Intact? Describe Special Instructions/Comments \_ Normal \*Please call to verify rush charges ∫ 48 hr\* 24 hr\* Turn Around Time & Reporting before submitting samples Lab Use Only Results needed by: YES YES ☐ Phone Mail 8 8 8 NO

Anatek

1917 S Main Street, Moscow ID 83843 (208) 883-2839 FAX 882-9246.

Date Received

25788 KENO

12/10/98

Chain of Custody Record

Received by

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#### KENNEDY EQUIPMENT COMPANY

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403 Project: BENNETT - ELM TWO

#### **Certificate of Analysis**

Petroleum - Gasoline by NWTPH-G

Sample Name: Sample Location:	1	Gasoline	<b>Result</b> ND	<b>Units</b> mg/Kg	<b>PCIL</b> 5.0
Sampling Date:	12/28/98				
Sampling Time:	1 <b>5</b> :15	NWTPH-G Surrogate (BFB) Per	cent Recovery		
Date Received:	12/29/98				
Lab #:	25813-01				
Matrix:	SOIL				
Analysis Date NWTPH-G:	12/29/98				
Percent Solids	87.2				

Sample Name: Sample Location:	2	Analyte Gasoline	tesult ND	<b>⊭##s</b> mg/Kg	<b>FC1</b> . 5.0
Sampling Date:	12/28/98				
Sampling Time:	15:19	NWTPH-G Surrogate (BFB) Percent Recovery	/		
Date Received:	12/29/98				
Lab #:	25813-02				
Matrix:	SOIL				
Analysis Date NWTPH-G:	12/29/98				
Percent Solids	85.4				

Sample Name:	3	#nelyts	Ragult	<b>はnits</b>	<b>PQI.</b>
Sample Location:		Gasoline	ND	mg/Kg	5.0
Sampling Date: Sampling Time: Date Received: Lab #: Matrix: Analysis Date NWTPH-G: Percent Solids	12/28/98 15:30 12/29/98 25813-03 SOIL 12/29/98 83.5	NWTPH-G Surrogate (BFB) Perce	ant Recovery		

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#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

PROJECT: BENNETT - ELM TWO

#### **Certificate of Analysis**

Petroleum -NWTPH-D Extended by GC/FID (8015 modified)

Sample Name:	1	Analyte	Result	Units	PQL
Sample Location:		Diesel	ND	mg/Kg	25.0
Sampling Date:	12/28/98	Lube Oil	ND	mg/Kg	100.0
Date Received:	12/29/98				
Lab #: Matrix: Analysis Date NWTPH-D:	25813-01 SOIL 12/30/98	NWTPH-D Surrogate (Hexa	ncosane) Percent Recovery 10	04.8	
Percent Solids: Weight Basis:	87.2 Dry wt Basis	Comments:			

Sample Name:	2	Analyte	Result	Units	PQL
Sample Location:		Diesel	ND	mg/Kg	25.0
Sampling Date:	12/28/98	Lube Oil	ND	mg/Kg	100.0
Date Received:	12/29/98				
Lab #: Matrix: Analysis Date NWTPH-D:	25813-02 SOIL 12/30/98	NWTPH-D Surrogate (Hexac	cosane) Percent Recovery 1	03.5	
Percent Solids: Weight Basis:	85.4 Dry wt Basis	Comments:			

Sample Name:	3	Analyte	Result	Units	PQL
Sample Location:		Diesel	ND	mg/Kg	25.0
Sampling Date:	12/28/98	Lube Oil	ND	mg/Kg	100.0
Date Received:	12/29/98				
Lab #:	25813-03	NWTPH-D Surrogate (Hexa	cosane) Percent Recovery 1	00.7	
Matrix:	SOIL	,	,		
Analysis Date NWTPH-D:	12/30/98				
Percent Solids:	83.5				
Weight Basis:	Dry wt Basis	Comments:			

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#### KENNEDY EQUIPMENT COMPANY

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403 Project: BENNETT - ELM TWO

#### **Certificate of Analysis**

Petroleum - Gasoline by NWTPH-G

Sample Name: Sample Location:	4	Gasoline	<b>Result</b> ND	mg/Kg	5.0
Sampling Date:	12/28/98				
Sampling Time:	15:35	NWTPH-G Surrogate (BFB) Per	rcent Recovery		
Date Received:	12/29/98				
Lab #:	25813-04				
Matrix:	SOIL				
Analysis Date NWTPH-G:	12/29/98				
Percent Solids	88.7				

Sample Name: Sample Location:	SP	<b>Analyte</b> Gasoline	Result ND	<b>Unit</b> s mg/Kg	<b>POL</b> 5.0
Sampling Date: Sampling Time: Date Received:	12/28/98 15:55 12/29/98	NWTPH-G Surrogate (BFB) Percent Recover	y		
Lab #: Matrix: Analysis Date NWTPH-G:	25813-05 SOIL 12/29/98				
Percent Solids	85.2				

Lab Supervisor:

05-Jan-99

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#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

PROJECT: BENNETT - ELM TWO

#### **Certificate of Analysis**

Petroleum -NWTPH-D Extended by GC/FID (8015 modified)

Sample Name:	4	Analyte	Result	Units	PQL
Sample Location:		Diesel	61	mg/Kg	25.0
Sampling Date:	12/28/98	Lube Oil	ND	mg/Kg	100.0
Date Received:	12/29/98				
Lab #:	25813-04	NWTPH-D Surrogate (Hexad	cosane) Percent Recovery 1	03.1	
Matrix:	SOIL		•		
Analysis Date NWTPH-D:	12/30/98				
Percent Solids:	88.7	0 1			
Weight Basis:	Dry wt Basis	Comments:			

Sample Name:	SP	Analyte	Result	Units	PQL
Sample Location:		Diesel	200	mg/Kg	25.0
Sampling Date:	12/28/98	Lube Oil	ND	mg/Kg	100.0
Date Received:	12/29/98				
Lab #: Matrix: Analysis Date NWTPH-D:	25813-05 SOIL 12/30/98	NWTPH-D Surrogate (Hexac	osane) Percent Recovery 9	99.6	
Percent Solids: Weight Basis:	85.2 Dry wt Basis	Comments:			

Lab Supervisor:

Report Date:

31-Dec-98

# Chain of Custody Record

O 1917 S Main Street, Moscow ID 83843 (208) 883-2839 FAX 882-9246 (
O 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

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#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

Project: BENNETT ELM THREE

#### **Certificate of Analysis**

Petroleum - Gasoline by NWTPH-G BTEX by EPA 602/8021B(MOD)

Sample Name: Sample Location:		Anna toning and the control of the c			
		Gasoline	6530	mg/Kg	5.0
Sampling Date:	1/5/99	NWTPH-G Surrogate (BFB) F	Percent Recovery 92.2		
Sampling Time:	15:50	WWW TITE Guilogale (Bi D) T	Crosm receivery 02.12		
Date Received:	1/7/99	_	40.4	11.6	0.005
Lab#:	25837-01	Benzene	49.1	mg/Kg	0.005
Matrix:	SOIL	Toluene	454	mg/Kg	0.005
Analysis Date TPH-G/BTEX:	1/13/99	Ethylbenzene	107	mg/Kg	0.005
	90.9	Xylene (total)	622	mg/Kg	0.010

Sample Name:	6	Analyte	Result	Units	PQL
Sample Location:		Gasoline	3090	mg/Kg	5.0
Sampling Date:	1/5/99	NWTPH-G Surrogate (BFB) F	Percent Recovery 98.4		
Sampling Time:	16:12	TVVIII II-O Ganogaio (DI D) I	order recovery don't		
Date Received:	1/7/99			0.7	0.005
Lab #:	25837-02	Benzene	7.52	mg/Kg	0.005
Matrix:	SOIL	Toluene	89.0	mg/Kg	0.005
Analysis Date TPH-G/BTEX:	1/13/99	Ethylbenzene	37.1	mg/Kg	0.005
Percent Solids	88.5	Xylene (total)	245	mg/Kg	0.010

Sample Name:	7	Analyte	Result	Units	PQL
Sample Location:		Gasoline	ND	mg/Kg	5.0
Sampling Date:	1/5/99	NWTPH-G Surrogate (BFB) F	Percent Recovery 103.7		
Sampling Time:	17:00	WWW TIPE Guiloguic (BI B) T	orodin riboorory room		
Date Received:	1/7/99		2.242		0.005
Lab #:	25837-03	Benzene	0.018	mg/Kg	0.005
	SOIL	Toluene	0.029	mg/Kg	0.005
Analysis Date TPH-G/BTEX:	1/13/99	Ethylbenzene	ND	mg/Kg	0.005
· · · · · · · · · · · · · · · · · · ·	90.4	Xylene (total)	0.112	mg/Kg	0.010

1917 South Main St • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email anatekid@moscow.com 504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email anatekwa@moscow.com

#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

PROJECT: BENNETT ELM THREE

#### **Certificate of Analysis**

Petroleum -NWTPH-D by GC/FID (8015 modified)

Result Units PQL Analyte Sample Name: 5 25.0 113.2 mg/Kg Sample Location: Diesel 1/5/99 Sampling Date: NWTPH-D Surrogate (Hexacosane) Percent Recovery 103.0 Sampling Time: 15:50 Date Received: 1/7/99 25837-01 Lab #: SOIL Matrix: Comments: Analysis Date NWTPH-D: 1/9/99 Percent Solids: 90.9

PQL Result Units Analyte Sample Name: 6 25.0 Diesel 103.4 mg/Kg Sample Location: Sampling Date: 1/5/99 103.3 NWTPH-D Surrogate (Hexacosane) Percent Recovery Sampling Time: 16:12 Date Received: 1/7/99 25837-02 Lab #: SOIL Matrix: Comments: Analysis Date NWTPH-D: 1/9/99 88.5 Percent Solids:

Sample Name:	7	Analyte	Result	Units	PQL
Sample Location:		Diesel	ND	mg/Kg	25.0
Sampling Date:	1/5/99				
Sampling Time:	17:00	NWTPH-D Surrogate (H	lexacosane) Percent Recov	<i>rery 113.</i>	3
Date Received:	1/7/99				
Lab #:	25837-03				
Matrix:	SOIL	Comments:			
Analysis Date NWTPH-D:	1/9/99				
Percent Solids:	90.4				

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#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

Project: BENNETT ELM THREE

#### **Certificate of Analysis**

Petroleum - Gasoline by NWTPH-G BTEX by EPA 602/8021B(MOD)

Sample Name:	8	Analyte	Result	Units	PQL							
Sample Location:		Gasoline	11.4	mg/Kg	5.0							
Sampling Date:	1/5/99	NWTPH-G Surrogate (BFB) Percent Recovery 99.0										
Sampling Time:	17:40	Will II C canogate (21 2).	ordern reducing									
Date Received:	1/7/99		0.057	malka	0.005							
Lab #:	25837-04	Benzene	0.057	mg/Kg								
Matrix:	SOIL	Toluene	0.118	mg/Kg	0.005							
Analysis Date TPH-G/BTEX:	1/13/99	Ethylbenzene	0.184	mg/Kg	0.005							
Percent Solids	79.4	Xylene (total)	0.917	mg/Kg	0.010							

Lab Supervisor:

Report Date:

22-Jan-99

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#### **KENNEDY EQUIPMENT COMPANY**

TAREN NELSON 510 3RD STREET CLARKSTON WA 99403

PROJECT: BENNETT ELM THREE

#### **Certificate of Analysis**

Petroleum -NWTPH-D by GC/FID (8015 modified)

Sample Name:	8	Analyte	Result	Units	PQL
Sample Location:		Diesel	ND	mg/Kg	25.0
Sampling Date:	1/5/99				
Sampling Time:	17:40	NWTPH-D Surrogate (H	exacosane) Percent Reco	very 107.	7
Date Received:	1/7/99				
Lab #:	25837-04				
Matrix:	SOIL	Comments:			
Analysis Date NWTPH-D:	1/9/99	= =====================================			
Percent Solids:	79.4				

Lab Supervisor:

Report Date:

22-Jan-99

# Chain of Custody Record

O 1917 S Main Street, Moscow ID 83843 (208) 883-2839 FAX 882-9246 O 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Date Received

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