



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

Northwest Region
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471

December 20, 2001

DAN TURIN
JIM TURIN & SONS
36775 INDUSTRIAL WAY
SANDY OR 97055

JIM TURIN & SONS
File No. 03-94-0124
Facility ID No. 3664

Dear Mr. Turin;

The Department of Environmental Quality has completed its review of the information submitted to date concerning the underground storage tanks (USTs) decommissioning and site investigation conducted at your facility located at 36775 Industrial Way, Sandy, Oregon. The Department has determined that the cleanup appears to have met the requirements of Oregon Administrative Rules (OAR) 340-122-205 through 340-122-360 and that no further action is required at this time.

This determination is a result of our evaluation and judgment based on the regulations and facts as we now understand them, including:

1. In 1990, one (1) 1,000-gallon gasoline UST, one (1) 4,000-gallon gasoline UST, one (1) 4,000-gallon diesel UST, and one (1) 300-gallon heating oil UST were decommissioned by removal from a separate excavations. The decommissioned USTs were transported to Mt. Hood Metals for reclamation. Contents of the USTs were removed by PEMCO and disposed of at a licensed facility.
2. During decommissioning activities, petroleum contaminated soil was observed adjacent to the fill of the 4,000 gallon diesel UST. Approximately 15 to 20 tons of contaminated soil was excavated and utilized in the making of asphalt. The method chosen to dispose of the contaminated soil was not one of the options authorized by the Department. Consequently, on July 16, 2001, the Department issued a Notice of Assessment of Civil Penalty.
3. In February 2001, ten (10) soil borings were installed within and adjacent to the former UST excavation cavities. Confirmation soil samples were collected from each boring and analyzed using TPH-HCID and TPH-Dx methods. Analytical results indicated that gasoline and heavy oil range hydrocarbons were not detected above method reporting limits. Diesel range hydrocarbons were detected in boring #4 (2020 ppm) at a concentration exceeding the soil matrix cleanup level of 500 ppm.



4. To assess the risk potential, the soil sample collected from soil boring #4 was further analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and polynuclear aromatic hydrocarbons (PAHs). Analytical results indicated that BTEX and PAHs constituents were either ND or detected at concentrations below the occupational receptors risk-based concentrations (RBCs) for all soil exposure pathways listed in the Department guidance document "Risk Based Decision Making for the Remediation of Petroleum-Contaminated Sites (RBDM)", September 1999. In order to determine the extent and concentration of the remaining contaminated soil, four (4) soil borings were installed in August 2001. Analytical results indicated that diesel range hydrocarbons were not detected above method reporting limits.
5. Groundwater was not observed or detected during the decommissioning process or the site investigation activities.

Based on the results of the site investigation, the remaining volume of impacted soil has been adequately defined, and the risks, both current and future, have been sufficiently evaluated and have been interpreted as being acceptable. The Department's approval to leave the remaining soil contamination is based on the site conditions described in the report as they exist today. You are also responsible for notifying potential purchasers of the property about this remaining contamination.

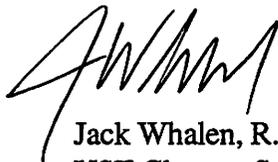
The Department's determination will not be applicable if new or undisclosed facts show that the cleanup does not comply with the referenced rules. The Department's determination also does not apply to any conditions at the site other than the release of heating oil specifically addressed in the report.

Please note that pursuant to OAR 340-122-360(2), a copy of your report must be retained until ten (10) years after the first transfer of the property. We recommend that a copy of this information be kept with the permanent property records.

Jim Turin NFA Letter
03-94-0124
December 20, 2001
Page 3

Your efforts to comply with the regulations to ensure that your property has been adequately cleaned up have been appreciated. If you have any questions, please feel free to contact me at (503) 229-6155.

Respectfully,

A handwritten signature in black ink, appearing to read 'J Whalen', written in a cursive style.

Jack Whalen, R.G.
UST Cleanup Specialist

Cc: Bill Knutson, P.E.
K&S Environmental, Inc.
4475 SW Scholls Ferry Road
Portland, Oregon 97225



4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

August 28, 2001

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

SEP 04 2001

NORTHWEST REGION

DEQ - NW Region
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201

Attn: Jack Whalen, R.P.G.

Re: UST Subsurface Investigation Report
Jim Turin & Sons, Inc., 36775 Industrial Way, Sandy, OR
DEQ File No. 03-94-0124

Dear Mr. Whalen:

This report presents the procedures, methods and results for the subsurface investigative work completed by K&S Environmental, Inc. (K&S) at the above referenced site. Soil sampling was completed as proposed in K&S's July 6, 2001 Work Plan approved by you.

The work was performed to investigate subsurface contamination encountered in a former UST excavation at the site during a February 22, 2001 soil sampling event. The results of the 2/22/01 soil sampling event can be found in K&S's March 30, 2001 Soil Sampling Report. The purpose of this phase of work was to install a series of borings to facilitate the collection of soil samples in an attempt to determine the full extent of the petroleum contamination remaining in the west end of a former UST excavation located at the property. The results of 2/22/01 confirm that no contamination remains at the site in any of the other former UST excavations.

Procedures

On August 14, 2001, K&S installed a total of 4 borings at the west end of a former UST excavation at the site. The borings were installed with a trailer mounted Giddings drill rig that utilizes a 3 inch diameter solid stem auger that is advanced to the desired depth with kelly bars. The location of the 4 borings are noted on the attached site map.

Soil samples were collected from the depth intervals of 8-9 feet in borings CB-2, CB-3 and CB-4. A soil sample was collected from a depth of 12 feet in boring CB-1. Boring B-1 was installed to a total depth of 15 feet and borings B-2, B-3 and B-4 were installed to a depth of 7 feet. The soil samples were obtained by retrieving the flight auger, then pushing a split spoon sampler into undisturbed soil.

All samples collected for chemical analyses were placed into EPA approved glass containers using disposable Nitrile gloves. The samples were packed for minimal head space, labeled and placed on ice for transport to the laboratory accompanied by chain of custody documentation.

Results

Subsurface Conditions: All borings were installed in and around the west end of the former UST excavation through a 3 inch asphalt surface. Soil encountered at the site generally consisted of red silty clay from just below the surface and gravel subgrade to the total depth explored of 15 feet. Faint to moderate diesel odor was detected in soil from boring CB-1 beginning at approximately 9 feet and continuing to approximately 12 feet where only a faint odor was detected. No discoloration was noted in any of the soil cuttings or samples. No odor was detected in boring CB-2, CB-3 or CB-4. No groundwater was encountered during completion of the borings and collection of the soil samples. Groundwater in this area is expected to be less than 20 feet below the surface.

Chemical Results: A total of 4 soil samples were collected from the 4 borings installed at the site. The location of the borings are noted on the attached site map and the soil sample depths and results are summarized below in Table 1. All four samples were analyzed for diesel by method NWTPH-Dx.

Table 1
Results of Soil Samples Collected on 8/14/01

Sample ID	Location, Depth	NWTPH-Dx
#11	Boring CB-1, 12 ft.	ND
#12	Boring CB-2, 8-9 ft.	ND
#13	Boring CB-3, 8-9 ft.	ND
#14	Boring CB-4, 8-9 ft.	ND

ND - None detected at or above reportable levels

Complete certified analytical results with chain of custody documentation are included with this report.

Conclusions

The results of testing completed by K&S Environmental, Inc. on the soil at the site indicate that a small pocket of diesel contaminated soil remains at the west end of the former UST excavation formerly designated as Tank 1. The tank was decommissioned by removal in 1994 and follow-up soil sampling was completed by K&S on February 22, 2001. Although gasoline was reportedly the last product stored in the 4,000 gallon UST, diesel range contamination was detected at the west end of the former tank excavation at a depth of 10 feet (boring B-4, 2020 ppm) during the 2/22/01 sampling event.

A sample of the most highly contaminated soil detected at the site by K&S was analyzed for risk-based constituents associated with diesel, and based upon a preliminary review of the site's applicable receptors and pathways, it appears that the site is in compliance with the DEQ standards set forth in the guidance document 'Risk-Based Decision Making for the Remediation of Petroleum Contaminated Sites'. This conclusion is based on the assumption that the site can be

regarded as an 'occupational' receptor site and no groundwater was encountered. No reportable levels of benzene and only low levels of PAHs were detected in the soil sample containing 2020 ppm diesel. The 8/14/01 sampling event defined the vertical and lateral extent of the soil contamination. Based upon the results of the work completed at the site by K&S on 2/22/01 and 8/14/01, it is estimated that less than 10 cubic yards of diesel contaminated soil with a maximum concentration of 2020 ppm TPH remains at the site.

Please review the data presented in this report and contact me if you have any questions regarding the material presented in this report. Jim Turin & Sons, Inc. requests that if the Department agrees with K&S Environmental, Inc. that the site is within risk-based standards, a No Further Action letter be issued and the site be formerly closed.

Sincerely,

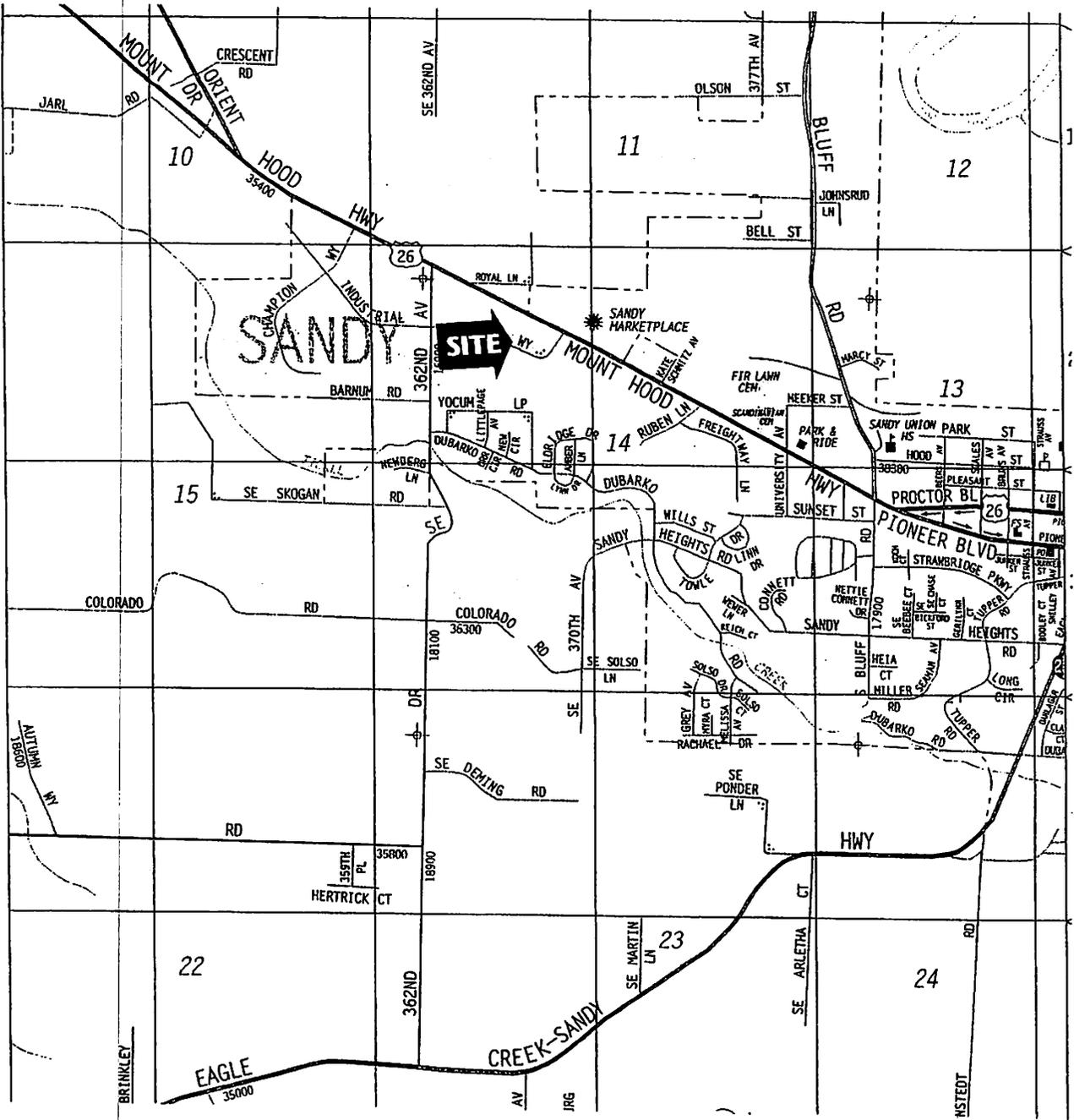
K&S Environmental, Inc.



Bill Knutson, P.E.

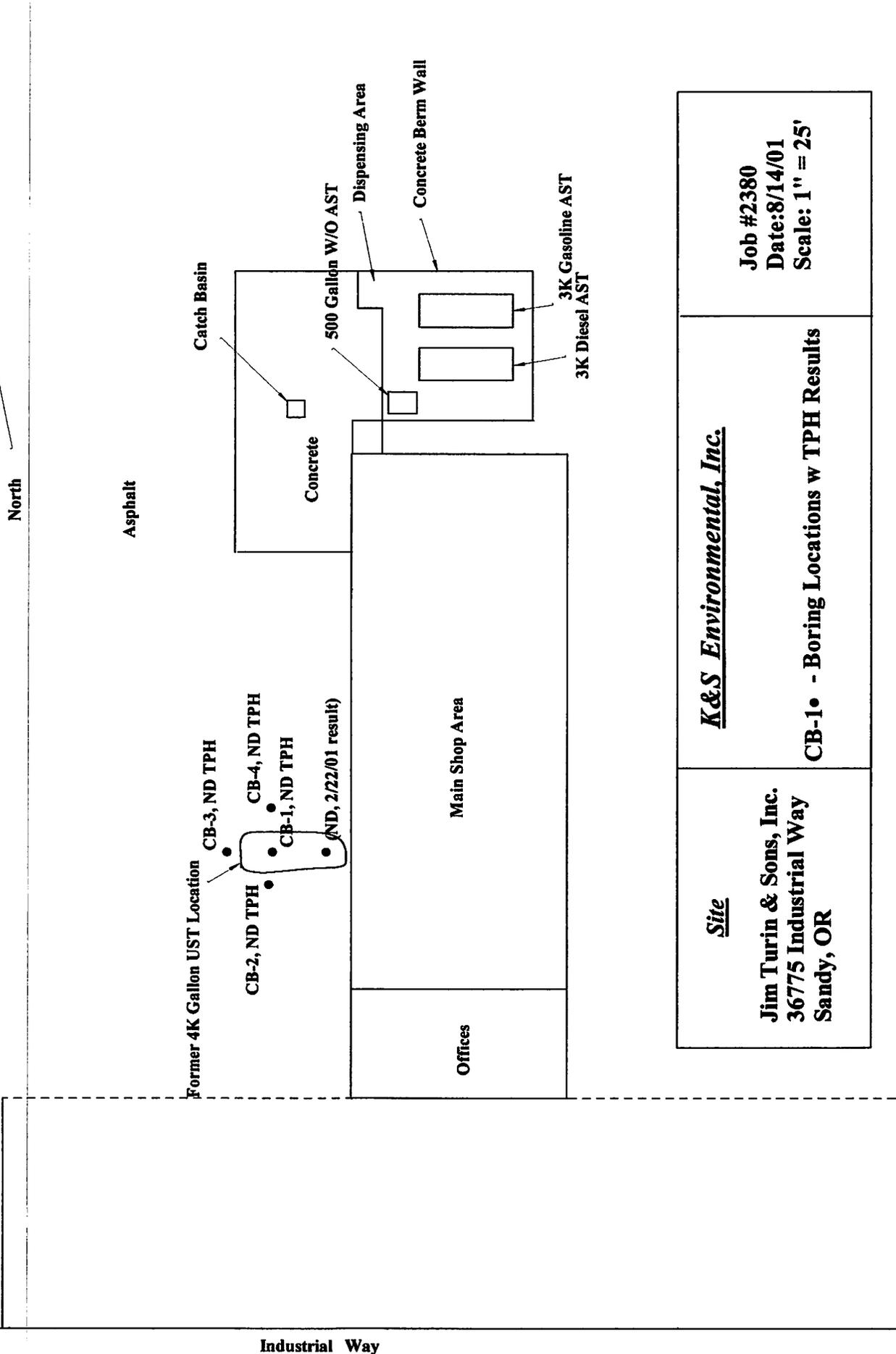
Environmental Engineer

cc Dan Turin



	<h2>Vicinity Map</h2>	K&S Environmental Inc.
	Jim Turin & Sons, Inc. 36775 Industrial Way Sandy, OR	Date: 02/26/01 Project: #2380

Site Access



<p><u>Site</u></p> <p>Jim Turin & Sons, Inc. 36775 Industrial Way Sandy, OR</p>	<p><u>K&S Environmental, Inc.</u></p> <p>CB-1 • - Boring Locations w TPH Results</p>	<p>Job #2380 Date: 8/14/01 Scale: 1" = 25'</p>
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541.383.9310 fax 541.382.7589

21 August, 2001

Bill Knutson
K & S Environmental
4475 S.W. Scholls Ferry Road, Suite 256
Portland, OR 97225

RE: Jim Turin & Sons

Enclosed are the results of analyses for samples received by the laboratory on 08/15/01 07:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,


Philip Merenberg
Laboratory Manager

Work Orders included in this report:

P1H0392

**North Creek Analytical, Inc.
Environmental Laboratory Network**



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K & S Environmental
 4475 S.W. Scholls Ferry Road, Suite 256
 Portland, OR 97225

Project: Jim Turin & Sons
 Project Number: 2380
 Project Manager: Bill Knutson

Reported:
 08/21/01 12:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#11	P1H0392-01	Soil	08/14/01 12:00	08/15/01 07:45
#12	P1H0392-02	Soil	08/14/01 12:00	08/15/01 07:45
#13	P1H0392-03	Soil	08/14/01 12:00	08/15/01 07:45
#14	P1H0392-04	Soil	08/14/01 12:00	08/15/01 07:45

North Creek Analytical - Portland

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network

1 of 6



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K & S Environmental
 4475 S.W. Scholls Ferry Road, Suite 256
 Portland, OR 97225

Project: Jim Turin & Sons
 Project Number: 2380
 Project Manager: Bill Knutson

Reported:
 08/21/01 12:12

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
#11 (P1H0392-01) Soil						Sampled: 08/14/01 Received: 08/15/01			
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	08/15/01	08/16/01	1081375	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	95.8 %	50-150							
#12 (P1H0392-02) Soil						Sampled: 08/14/01 Received: 08/15/01			
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	08/15/01	08/16/01	1081375	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	94.3 %	50-150							
#13 (P1H0392-03) Soil						Sampled: 08/14/01 Received: 08/15/01			
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	08/15/01	08/16/01	1081375	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	85.1 %	50-150							
#14 (P1H0392-04) Soil						Sampled: 08/14/01 Received: 08/15/01			
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	08/15/01	08/16/01	1081375	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	88.7 %	50-150							

North Creek Analytical - Portland

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R

Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network

2 of 6



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4475 S.W. Scholls Ferry Road, Suite 256
Portland, OR 97225

Project: Jim Turin & Sons
Project Number: 2380
Project Manager: Bill Knutson

Reported:
08/21/01 12:12

Percent Dry Weight (Solids) per Standard Methods
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
#11 (P1H0392-01) Soil						Sampled: 08/14/01 Received: 08/15/01			
% Solids	59.3	1.00	% by Weight	1	NCA SOP	08/16/01	08/17/01	1081429	
#12 (P1H0392-02) Soil						Sampled: 08/14/01 Received: 08/15/01			
% Solids	67.0	1.00	% by Weight	1	NCA SOP	08/16/01	08/17/01	1081429	
#13 (P1H0392-03) Soil						Sampled: 08/14/01 Received: 08/15/01			
% Solids	73.7	1.00	% by Weight	1	NCA SOP	08/16/01	08/17/01	1081429	
#14 (P1H0392-04) Soil						Sampled: 08/14/01 Received: 08/15/01			
% Solids	76.5	1.00	% by Weight	1	NCA SOP	08/16/01	08/17/01	1081429	

North Creek Analytical - Portland

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Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

3 of 6



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K & S Environmental
 4475 S.W. Scholls Ferry Road, Suite 256
 Portland, OR 97225

Project: Jim Turin & Sons
 Project Number: 2380
 Project Manager: Bill Knutson

Reported:
 08/21/01 12:12

Diesel and Heavy Range Hydrocarbons per NWTPH-D1 Method - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1081375 - EPA 3550 Fuels										
Blank (1081375-BLK1)										
Prepared & Analyzed: 08/15/01										
Diesel Range Organics	ND	25.0	mg/kg							
Heavy Oil Range Hydrocarbons	ND	50.0	"							
Surr: 1-Chlorooctadecane	4.23		"	4.80		88.1	50-150			
LCS (1081375-BS1)										
Prepared & Analyzed: 08/15/01										
Diesel Range Organics	111	25.0	mg/kg	129		86.0	50-150			
Heavy Oil Range Hydrocarbons	58.1	50.0	"	79.0		73.5	50-150			
Surr: 1-Chlorooctadecane	3.52		"	4.80		73.3	50-150			
Duplicate (1081375-DUP1)										
Source: P1H0357-01 Prepared & Analyzed: 08/15/01										
Diesel Range Organics	ND	25.0	mg/kg dry		ND				50	
Heavy Oil Range Hydrocarbons	ND	50.0	"		ND				50	
Surr: 1-Chlorooctadecane	5.23		"	5.44		96.1	50-150			
Duplicate (1081375-DUP2)										
Source: P1H0358-01 Prepared & Analyzed: 08/15/01										
Diesel Range Organics	ND	25.0	mg/kg dry		ND				50	
Heavy Oil Range Hydrocarbons	ND	50.0	"		ND				50	
Surr: 1-Chlorooctadecane	6.05		"	6.26		96.6	50-150			

North Creek Analytical - Portland

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 Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network

4 of 6



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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 08/21/01 12:12
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Percent Dry Weight (Solids) per Standard Methods - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1081429 - Dry Weight										
Duplicate (1081429-DUP1)	Source: PIH0392-01 Prepared: 08/16/01 Analyzed: 08/17/01									
% Solids	58.5	1.00 % by Weight			59.3			1.36	20	
Duplicate (1081429-DUP2)	Source: PIH0405-01 Prepared: 08/16/01 Analyzed: 08/17/01									
% Solids	79.3	1.00 % by Weight			82.0			3.35	20	
Duplicate (1081429-DUP3)	Source: PIH0415-01 Prepared: 08/16/01 Analyzed: 08/17/01									
% Solids	73.6	1.00 % by Weight			73.9			0.407	20	

North Creek Analytical - Portland

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Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
Environmental Laboratory Network



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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 08/21/01 12:12
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Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.
- wet Sample results reported on a wet weight basis (as received)
- RPD Relative Percent Difference

North Creek Analytical - Portland

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Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

6 of 6

Location Map

See Attached Site Map

Project No. 2380
 Logged By: BK
 Drilling Method: SSA
 Sample Method: SS
 Casing Type: N/A
 Slot Size: N/A
 Seal: Bentonite

Client: Jim Turin
 Date: 8/14/01
 Location: Sandy, OR
 Hole Diameter: 3 inch
 Hole Depth: 15 feet
 Well Diameter: N/A
 Well Depth: N/A

K & S
Environmental, Inc.

CB-1
 Boring CB-1
 Page 1 of 1

Well/Boring Completion		Sample ID	Depth in Feet	Sample	Graphic	Sample #	Lithology/Remarks
 <p>Hydrated Chip Bentonite 3" Diameter Hole</p>	Asphalt		2 4 6 8 10 12 14 16 18 20 22 24 26 28				Asphalt Reddish Silty Clay Diesel Odor at 10-11 ft.

Location Map

See Attached Site Map

Project No. 2380
 Logged By: BK
 Drilling Method: SSA
 Sample Method: SS
 Casing Type: N/A
 Slot Size: N/A
 Seal: Bentonite

Client: Jim Turin
 Date: 8/14/01
 Location: Sandy, OR
 Hole Diameter: 3 inch
 Hole Depth: 8 feet
 Well Diameter: N/A
 Well Depth: N/A

K & S
Environmental, Inc.

CB-2, CB-3
 CB-4
 Page 1 of 1

Well/Boring Completion		Sample ID	Depth in Feet	Sample	Graphic	Sample #	Lithology/Remarks
	<p>Asphalt</p> <p>Hydrated Chip Bentonite</p> <p>3" Diameter Hole</p>		<p>2</p> <p>4</p> <p>6</p> <p>8</p> <p>10</p> <p>12</p> <p>14</p> <p>16</p> <p>18</p> <p>20</p> <p>22</p> <p>24</p> <p>26</p> <p>28</p>				<p>Asphalt</p> <p>Reddish Silty Clay</p> <p>No Odor</p>



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

Northwest Region
2020 SW Fourth Avenue
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August 2, 2001

DAN TURIN
JIM TURIN & SONS
36775 INDUSTRIAL WAY
SANDY OR 97055

JIM TURIN & SONS
File No. 03-94-0124
Facility ID No. 3664

Dear Mr. Turin;

The Department is in receipt of the K&S Environmental, Inc. "Work Plan," dated July 6, 2001. The work plan was requested by the Department prior to conducting additional site investigation activities at the Jim Turin & Sons Facility located at 36775 Industrial Way in Sandy, Oregon.

Based on the review of the submitted information, the Department approves the Work Plan as set forth in the above referenced document.

Your efforts to comply with the regulations to ensure that your property has been adequately cleaned up have been appreciated. If you have any questions, please feel free to contact me at (503) 229-6155.

Respectfully,

Jack Whalen, R.G.
UST Cleanup Specialist

Cc: Bill Knutson, P.E.
K&S Environmental, Inc.
4475 SW Scholls Ferry Road
Portland, Oregon 97225





Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

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

July 16, 2001

CERTIFIED MAIL
7000 1670 0008 3308 1190

Jim Turin and Sons, Inc.
c/o Jim Turin, Registered Agent
Welches Road, P.O. Box 175
Welches OR 97067

Re: Notice of Assessment of Civil Penalty
No. WPM/SW-NWR-01-163
Clackamas County

On December 27, 2000, the Department of Environmental Quality issued a Notice of Noncompliance to Jim Turin and Sons (Turin) for failure to submit a cleanup report following a release from four underground storage tanks (UST) located at 36775 Industrial Way in Sandy, Oregon. On April 10, 2001, the Department received the cleanup report from K&S Environmental, Inc. The report states that sometime in 1994, following the decommissioning of the four USTs, approximately 15-20 tons of contaminated soil was removed from one UST excavation and stored at the Industrial Way property. Eventually, Turin disposed of the soil by using it at Turin's asphalt plant located at 62285 East Boulder Creek Lane in Welches, Oregon. Although Turin claims that the soil was no longer contaminated when placed into the asphalt plant, Turin has been unable to produce any sampling results to substantiate this claim. Regardless, the storage of the contaminated soil at the Industrial Way property constitutes disposal which requires a solid waste letter of authorization.

The Department's cleanup rules for USTs require that contaminated soil be managed in accordance with solid waste regulations. Contaminated soil must either be disposed of at a landfill authorized to accept the contaminated soil or treated under a solid waste letter of authorization. These options ensure that the soils are managed and treated in a safe and effective manner.

Because this violation is considered a serious violation of Oregon's environmental law, Turin is liable for a civil penalty assessment. The enclosed Notice assesses a civil penalty of \$1,826. The penalty includes an economic benefit amount which reflects the money Turin gained by avoiding the application fee for a solid waste letter of authorization to store and treat the contaminated soil. The amount of the penalty was determined using the procedures set forth in Oregon Administrative Rule (OAR) 340-012-0045. The Department's findings and civil penalty determination are attached to the Notice as Exhibit 1. Copies of referenced rules are enclosed.



Appeal procedures are outlined in Section IV of the Notice. If Turin fails to either pay or appeal the penalty within twenty (20) days, a Default Order will be entered against Turin.

If Turin wishes to discuss this matter or believes there are mitigating factors which the Department might not have considered in assessing the civil penalty, attach a request for an informal discussion to the appeal. A request to discuss this matter with the Department will not waive Turin's right to a contested case hearing if a timely answer is filed.

I look forward to Turin's cooperation in complying with Oregon's environmental laws in the future. Please be informed, however, that additional civil penalties may be assessed if additional violations occur.

If Turin has any questions about this action, please contact Susan Greco with the Department's Office of Compliance and Enforcement in Portland at (503) 229-5152 or toll-free at 1-800-452-4011, extension 5152.

Sincerely,



Stephanie Hallock
Director

Enclosures

cc: Robert Williams, NWR, DEQ
WPM Division, DEQ
Department of Justice
Environmental Protection Agency
Environmental Quality Commission
Clackamas County District Attorney

1 **must be accompanied by a written "Answer" to the allegations contained in this Notice and**
2 **Order.**

3 In the written Answer, Respondent shall admit or deny each allegation of fact contained
4 in this notice, and shall affirmatively allege any and all affirmative claims or defenses to
5 violations and assessment of any civil penalty that Respondent may have and the reasoning in
6 support thereof. Except for good cause shown:

7 1. Factual matters not controverted shall be presumed admitted;

8 2. Failure to raise a claim or defense shall be presumed to be a waiver of such claim
9 or defense;

10 3. New matters alleged in the Answer shall be presumed to be denied unless
11 admitted in subsequent pleading or stipulation by the Department or Commission.

12 Send the request for hearing and Answer to: **Deborah Nesbit, Department of**
13 **Environmental Quality, 811 S.W. Sixth Avenue, Portland, Oregon 97204.** Following receipt
14 of a request for hearing and an Answer, Respondent will be notified of the date, time and place of
15 the hearing.

16 Failure to file a timely request for hearing and Answer will result in the entry of a Default
17 Order for the relief sought in this Notice.

18 Failure to appear at a scheduled hearing will result in a dismissal of the request for
19 hearing and also an entry of a Default Order.

20 The Department's case file at the time the Notice was issued may serve as the record for
21 purposes of entering the Default Order.

22 **V. OPPORTUNITY FOR INFORMAL DISCUSSION**

23 In addition to filing a request for a contested case hearing, Respondent may also request
24 an informal discussion with the Department by attaching a written request to the hearing request
25 and Answer.

26 ///

27 ///

1 VI. PAYMENT OF CIVIL PENALTY

2 The civil penalty is due and payable ten (10) days after the Order imposing the civil
3 penalty becomes final by operation of law or on appeal. Respondent may pay the penalty before
4 that time. Respondent's check or money order in the amount of \$1826 should be made payable to
5 "State Treasurer, State of Oregon" and sent to the **Business Office, Department of**
6 **Environmental Quality, 811 S.W. Sixth Avenue, Portland, Oregon 97204.**

7
8
9 7-16-01
Date

Stephanie Hallock
Stephanie Hallock, Director

EXHIBIT 1

**FINDINGS AND DETERMINATION OF RESPONDENT'S CIVIL PENALTY
PURSUANT TO OREGON ADMINISTRATIVE RULE (OAR) 340-012-0045**

VIOLATION 1: Establishing, maintaining or operating a disposal site without first obtaining a registration or permit.

CLASSIFICATION: This is a Class I violation pursuant to OAR 340-12-0065(1)(b).

MAGNITUDE: The magnitude of the violation is minor because the volume of the materials disposed of was less than 40 cubic yards as specified under 340-012-0090(4)(a)(C).

CIVIL PENALTY FORMULA: The formula for determining the amount of penalty of each violation is: $BP + [(0.1 \times BP) \times (P + H + O + R + C)] + EB$

"BP" is the base penalty, which is \$1000 for a Class I minor magnitude violation as set forth in the matrix listed in OAR 340-012-0042.

"P" is Respondent's prior significant action(s) and receives a value of 0 since Respondent has no prior significant actions as defined in OAR 340-012-0030.

"H" is the past history of Respondent in taking all feasible steps or procedures necessary to correct any prior significant action(s) and receives a value of 0 since Respondent has no prior significant actions.

"O" is whether or not the violation was a single occurrence or was repeated or continuous during the period of the violation and receives a value of 2 since the violation occurred on more than one day.

"R" is the cause of the violation and receives a value of 0 because there is insufficient information on which to base a finding.

"C" is Respondent's cooperativeness in correcting the violation and receives a value of 0 since the violation cannot be corrected.

"EB" is the approximate dollar sum of the economic benefit that the Respondent gained through noncompliance, and receives a value of \$626 as calculated using the BEN computer model, pursuant to OAR 340-012-0045(1)(c)(F). Respondent avoided paying the solid waste letter of authorization application fee of \$500 in July 1994. By avoiding these costs, Respondent realized an economic benefit of \$626.

PENALTY CALCULATION:

$$\begin{aligned} \text{Penalty} &= BP + [(0.1 \times BP) \times (P + H + O + R + C)] + EB \\ &= \$1000 + [(0.1 \times \$1000) \times (0 + 0 + 2 + 0 + 0)] + (\$626) \\ &= \$1000 + (\$100 \times 2) + \$626 \\ &= \$1000 + \$200 + \$626 \\ &= \$1826 \end{aligned}$$

ENFORCEMENT TIMELINESS

Jim Turin and Sons, Inc.

WPM/SW-NWR

File Name: Turin, Dan

Case No. 01-163

1. **Initial Discovery/Inspection:** 04/10/2001
2. **Investigation Completed:** ongoing
3. **Notice(s) of Noncompliance Sent:** 06/14/2001
4. **Referral Sent to Enforcement Section:** 06/15/2001
5. **Assigned to Enforcement Staff:** 6/20/01
6. **Referral Substantially Complete:** 6/20/01
(explain if there is a difference between 5 & 6)
7. **Documents Sent for Review/Approval:** 7/3/01
(provide justification below if the time between 6 & 7 exceeds 15 days)
8. **Documents Sent for Signature:** 7/16/01
(explain if the time between 7 & 8 exceeds 15 days)

Timeliness Summary:

Number of days from Completed Investigation to Director (2 to 8): 60

Director's Expectation: 55

Days Over/(Under) Director's Expectation: +5

sted by field staff, numbers 5 through 8 completed by Enforcement Section.

To	initial	Date
Anne	APP	7/16
Nat	NJM	7/16/01
Bob W		7/6
Andree		7/3

1.151.1



4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

July 6, 2001

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

DEQ - NW Region
2020 SW Fourth, Suite 400
Portland, OR 97201

JUL 09 2001

Attn: Robert Williams
UST Cleanup Specialist

NORTHWEST REGION

Re: Jim Turin & Sons, Inc.
36775 Industrial Way, Sandy, OR
File No. 03-94-0124

Review

Tue's AM

no map

Dear Mr. Williams:

This work plan presents the scope of work proposed by K&S Environmental, Inc. (K&S) to address the remaining concerns addressed in the DEQ letter dated June 14, 2001 and addressed to Dan Turin. In that letter, the DEQ requests additional soil sampling in the area of a former 4,000 gallon diesel UST previously decommissioned at the site. During a soil sampling program implemented at the site by K&S on February 22, 2001, diesel contamination was detected at the west end of the former 4,000 gallon diesel UST excavation at a depth of 10 feet. The level of diesel contamination was measured at 2020 ppm, and additional analyses for associated risk-based constituents were performed on the impacted soil. Results of the risk-based constituent sampling completed on the impacted soil sample (#4) indicate no risk is present above current DEQ acceptable standards. The purpose of this work plan is to determine the full vertical and lateral extent of the contaminated soil at the site, and subsequently close the site under the guidelines set forth in the DEQ document titled 'Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites'. K&S's proposed scope of work is as follows.

1. K&S will install a total of four borings at the locations noted on the attached site map. The borings will be installed utilizing a solid stem auger drill rig with a 3 inch diameter auger. Boring B-1 will be installed to a depth necessary to obtain the vertical extent of soil contamination at the west end of the former tank excavation. Borings B-12, B-13 and B-14 will be installed to a depth of 12 feet at the locations noted on the site map. Soil samples will be collected by a DEQ licensed Matrix supervisor from the bottom of each borehole. If groundwater is encountered during completion of the borings, a temporary 2 inch perforated casing will be installed and a water sample will be collected and analyzed for PAHs and BTEX.
2. All soil samples will be obtained by advancing a split spoon sampler into undisturbed soil (if possible) beyond the bottom of the open borehole. If site conditions do not allow for the advancement of a split spoon sampler, soil samples will be collected off the head of the lead auger.

CONFIDENTIAL - SECURITY INFORMATION

MEMORANDUM FOR THE DIRECTOR, FBI
FROM: SAC, [illegible]
SUBJECT: [illegible]

MEMORANDUM FOR THE DIRECTOR, FBI

[Faded typed text, illegible]

[Faded typed text, illegible]

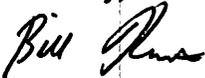
[Faded typed text, illegible]

The soil samples will be analyzed at an independent laboratory for diesel using DEQ approved method NWTPH-Dx. Upon completion of all drilling and soil sampling activities, the boreholes will be abandoned by filling the boreholes from the bottom to 6 inches with hydrated chip bentonite, then capping the surface to match existing.

3. Upon completion of all field work and receipt of all soil sample results, a report will be generated documenting all procedures, methods and results for the work. The site will then be assessed for closure under current DEQ risk-based rules.

Please do not hesitate to call me if you have any questions.

Sincerely,



Bill Knutson, P.E.
Environmental Engineer

cc Dan Turin

NWR-UST

03-94-124

RECEIVED
JUN 15 2001

To: DEQ ENFORCEMENT SECTION
Enforcement Referral for UST/LUST Violations

STATEWIDE ENFORCEMENT SECTION
DEPARTMENT OF ENVIRONMENTAL QUALITY

Name of Violator: Jim Turin and Sons, Inc
~~Dan Turin~~

County: Clackamas Facility ID Number: 3664

Region: NWR Recommended Enforcement Action: CP

Attachments:

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> NON | <input type="checkbox"/> Location Maps | <input type="checkbox"/> Witness Statements |
| <input type="checkbox"/> Permit | <input type="checkbox"/> Sample Results | <input type="checkbox"/> Other Agency Reports |
| <input type="checkbox"/> Letters | <input type="checkbox"/> Original Photos | <input type="checkbox"/> Chain of Custody Form |
| <input checked="" type="checkbox"/> Memos | <input type="checkbox"/> Complaint Forms | <input type="checkbox"/> UST Ranking System Forms |
| <input type="checkbox"/> E-mail | <input type="checkbox"/> Inspection Reports | |

CLEARANCES:

Robert Williams 6/13/01
Preparer (Robert Williams) Date

Andree Pollock 6/13/01
Manager (Andree Pollock) Date

Andy Schaedel 6/15/01
Administrator (Andy Schaedel) Date

ENFORCEMENT SECTION USE ONLY

Case Number: WPM/SW-NWR-01-163

Review By & Date: PRICE 6/20/01

Assigned to & Date: GRECO 6/20/01

Investigation Completion Date: - NON Date: 6/14/01

Violation(s): Illegal SW disposal

Location: Sandy, Clackamas Co.

Is this a cost recovery case? If yes, give billing number and name of cost recovery case if different from violator's name, above.

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

June 21 2001

NORTHWEST REGION



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

Northwest Region
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471

June 14, 2001

DAN TURIN
JIM TURIN AND SONS
36775 INDUSTRIAL WAY
SANDY OREGON 97055

Re: Jim Turin and Sons
File No. 03-94-0124
NWR-UST-01-050
NOTICE OF NONCOMPLIANCE

Dear Mr. Turin:

The purpose of this letter is to inform you of a violation of the Department's rules concerning the underground storage tank (UST) cleanup at 36775 Industrial Way in Sandy, Oregon.

The Department has reviewed the March 30, 2001 letter report from K & S Environmental concerning the procedures for the underground storage tank (UST) decommissioning and cleanup at the above site. The report states that "15-20 tons of obviously impacted soil was removed from the excavation at Tank 4. The soil was ultimately treated and used for making asphalt at the owner's asphalt plant located at 62285 East Boulder Creek Lane in Welches, Oregon".

In our conversation June 6, 2001 you stated that the contaminated soil was placed on the site for several months in the sun, then sampled, found clean, and used in making a batch of asphalt at the plant. Soil sampling or analysis records for this soil treatment are not available. Since tank 4 reportedly contained heating oil it is assumed that the soil was impacted with diesel heating oil. The DEQ file does not contain a Soil Treatment Plan or a Solid Waste Letter of Authorization for soil treatment. Whether soil treatment occurred in the back lot in the sun or in the asphalt plant this treatment represents a violation of Department Solid Waste Rules.

Violation

Establishing, expanding, maintaining or operating a solid waste disposal site without first obtaining a permit is a Class One violation of Oregon Administrative Rule (OAR)340-093-0050.



Dan Turin
June 14, 2001
Page 2

This Class One violation is considered to be a serious violation of Oregon environmental law. We are referring this violation to the Department's Enforcement Section with a recommendation to initiate a formal enforcement action. A formal enforcement action may include a civil penalty assessment for each day of violation.

The Department agrees with K & S conclusion that additional definition of the vertical and lateral extent of soil contamination at tank 1 is necessary before the site can be closed.

Please submit a work plan for additional investigation of the extent and magnitude of remaining contamination by **July 13, 2001**. If you have any questions or if I can be of help in any way, please call me at (503) 229-6242.

Sincerely,



Robert Williams
UST Cleanup Specialist

cc: Bill Knutson
K&S Environmental Inc
4475 SW Scholls Ferry Road #256
Portland Oregon 97225

Susan Greco, DEQ enforcement Section
Stepanie Holmes, WM&C-UST Section
DEQ Eastern Region UST Manager
DEQ Western Region UST Manager

(rkw:RKW)

JUST CLEANUP TELEPHONE USE REPORT

CALL FROM/TO: TPS Technologies / John DATE: 6-12-2001
WITH: TPS TIME: 5:30
TELEPHONE NO: (503) 735-9525
REGARDING: Cost for soil treatment / Jim Turin + Sons
FILE NO: 03-94-124
Hauling

SUMMARY OF CALL

Cost for relatively small quantity soil treatment is approximately \$400/ton. This includes the Metro fee. One yard is approximately 1.5 tons.

Also talked to Dan Obrist of Dan Obrist Demolition + Recycling (503-667-4042) a well-known excavation contractor, Dan reports that he would charge \$75/yard to haul contaminated soil down to TPS in Portland. It would take 2 truck loads.

J. M. Wilkins
Staff Signature

UST CLEANUP TELEPHONE USE REPORT

CALL FROM/TO: Dan Turin DATE: 5-5-01
WITH: Jim Turin + Sons TIME: 2:45
TELEPHONE NO: (503) 668 - 5237
REGARDING: Jim Turin + Sons
FILE NO: 03 - 94 - 124

SUMMARY OF CALL

Discussed the background section of the K+S March 30, 2001 report which indicates that "15-20 tons of obviously impacted soil was removed from the excavation at Tank 4. The soil was ultimately treated and used for making asphalt...."

Dan stated that 4 or 5 yards of material was piled out back and sat in the sun for several months. At some point the material was sampled and came back clean. No analytical records are available. To be on the safe side they ran the material (sand+gravel) through the asphalt plant to make a batch (8000 lb batch size) of asphalt.

Registered Agent: Jim Turin
Welches Rd
OR 97067

J. Schmitt
Staff Signature



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

Northwest Region
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471

December 27, 2000

DAN TURIN
JIM TURIN AND SONS
36775 INDUSTRIAL WAY
SANDY OREGON 97055

Re: Jim Turin and Sons
File No. 03-94-0124
NWR-UST-00-204
NOTICE OF NONCOMPLIANCE

Dear Mr. Turin:

The purpose of this letter is to inform you of a violation of the Department's rules concerning the underground storage tank cleanup at 36775 Industrial Way in Sandy, Oregon.

During the decommissioning of four underground storage tank in 1994, contamination was discovered. In July 1994, decommissioning forms were submitted, however, a report on the cleanup was not submitted as required by Oregon Administrative Rules (OAR) 340-122-360. A letter was sent to you in June 2000, requesting this report.

Failure to submit a cleanup report is a Class II violation of OAR 340-122-360 and is considered to be significant violation of Oregon environmental law. Should you fail to correct the violation we will refer your file to the Department's Enforcement Section with a recommendation to proceed with a formal enforcement action, which may result in a civil penalty assessment. Civil Penalties can be assessed for each day of violation.

The report must contain:

- (a) A narrative section describing how the release was discovered, what initial measures were taken to control the spread of contamination, what was observed when the tank was removed from the pit (e.g., odor, sheen, stained soils, holes in tank or lines), what information was used to score the site, how the cleanup was done, how much contaminated soil was removed, what was done with the contaminated soil and the decommissioned tank and piping, who collected the samples, how the samples were collected, stored, and shipped to the lab, and any problems encountered during the cleanup or sample collection process;
- (b) A site map drawn to scale showing relevant information such as the location of tanks, lines, utilities, buildings, and other structures, excavated soils, samples, and any pockets of contamination left pursuant to OAR 340-122-0355(4);



Dan Turin
December 27, 2000
Page 2

- (c) Properly filled out copies of the Department's Matrix Checklist and Matrix Score Sheet;
- (d) All of the sampling documentation required in OAR 340-122-0345;
- (e) Copies of the laboratory reports and chain of custody forms for all soil and water samples collected at the site;
- (f) Copies of all receipts or permits related to the disposal of free product, contaminated soil, contaminated water, and decommissioned tanks and piping;
- (g) A brief explanation of what was done in the case of any samples that initially exceeded the required cleanup levels;
- (h) A summary of the concentrations measured in the final round of samples from each sampling location;
- (i) In cases where groundwater was present in the pit, a summary of the data collected and the decision made by the Department under OAR 340-122-0355(3);
- (j) In cases where pockets of excess contamination remain on site in accordance with OAR 340-122-0355(4), a description of this contamination including location, approximate volume and concentration; and
- (k) In cases where waste oil contamination required extra sampling and analyses as specified in OAR 340-122-0340(6), a summary of the data collected and, if appropriate, the decision made by the Department under OAR 340-122-0355(5).

In addition, a minimum of eight samples were required (at least two for each tank pit). Only six of the 15 samples collected appear to have been analyzed. Based on this, additional sampling is required. A Department licensed Soil Matrix Service Provider must conduct the work.

As required by Oregon law, you will be receiving an invoice for the time required to review your file and to prepare this letter within 60 to 90 days. You will continue to receive invoices for any time the Department spends on this project until a "no further action" letter is issued for this site.

This project has not been permanently assigned to a project manager. You have the option of waiting until this project again comes up for review or having a project manager assigned. If you would like to have a project manager assigned, please contact Tina Leppaluoto at (503) 229-5472, to obtain the necessary forms.

Dan Turin
December 27, 2000
Page 3

If you have any questions concerning this matter, please call me at (503) 229-5474.

Sincerely,

A handwritten signature in black ink, appearing to read "Andree Pollock". The signature is fluid and cursive, with a large initial "A" and "P".

Andree Pollock, Manager
UST Cleanup and Compliance Section

cc: Enforcement Section, NWR
Stephanie Holmes, WM&C-UST Section



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

Northwest Region
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471

June 9, 2000

DAN TURIN
JIM TURIN AND SONS
36775 INDUSTRIAL WAY
SANDY OR 97055

Re: JIM TURIN & SONS INC
File No. 03-94-0124

A recent review of the file on the underground storage tank (UST) cleanup project conducted at 36775 INDUSTRIAL WAY in SANDY, Oregon indicates that reports on the investigation and cleanup have not been submitted to date.

Oregon law requires that initial reports on abatement measures and site evaluation be submitted within 20 days of the release discovery. Reports on initial site assessment are required within 45 days of the release. Where free product is present, the Department requires monthly free product recovery reports. Soil matrix cleanup reports are due within 60 days of completing the cleanup. For longer term cleanups, quarterly reports are due.

The Department requests your cooperation by submitting all reports due on your site within 15 days of receipt of this letter. Please keep in mind that this review and this letter are for the purpose of updating the Department's records. A Department project manager has not been assigned to this project to provide ongoing project management or final review.

If you are interested in having a project manager assigned, please call me at 503-229-5472, for details on how to accomplish this.

Sincerely,

Tina Leppaluoto, UST Cleanup Specialist
UST Compliance and Cleanup Section





Oregon

John A. Kitzhaber, M.D., Governor

April 20, 2000

Department of Environmental Quality

Northwest Region
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471

DAN TURIN
JIM TURIN AND SONS
36775 INDUSTRIAL WAY
SANDY OR 97055

Re: JIM TURIN & SONS INC
File No.: 03-94-0124

The purpose of this letter is to provide an update on your underground storage tank (UST) cleanup project, located at 36775 INDUSTRIAL WAY in SANDY, Oregon, and to inform you of some changes to the DEQ's program. You are receiving this letter because you or your contractor reported a release from the UST system at this property and because the DEQ has not assigned your project to a project manager or closed out your file. File closure occurs when cleanup has met the appropriate requirements and the DEQ has reviewed the reports and issued a "no further action" (nfa) letter.

BACKLOGGED PROJECTS

The DEQ's first priority is to work on projects that pose the highest threat to human health or the environment. Due to staffing limitations, not all projects are assigned to project managers for review and are placed on DEQ's backlog of work needing to be completed.

To accommodate people who do not want to (or cannot) wait years for the DEQ to work down its list of priorities, the DEQ has set up a program by which responsible parties can request oversight. Filling out and signing a "cost recovery agreement" does this. By signing this document, the responsible party agrees to work with the DEQ in resolving the cleanup issues and agrees to pay the oversight costs which DEQ is required by law to collect.

Once a "cost recovery agreement" has been received for a project, DEQ places the project on a waiting list for assignment to the next available project manager. How long this takes depends on a lot of factors including current DEQ staffing and the number of high priority projects that need to be dealt with. In the past, it has taken up to two years for DEQ project managers to be assigned to a project. Currently the wait is about six months for more complicated projects. If there is an immediate need (i.e. a property transaction pending) for DEQ review, projects are usually assigned within two to four weeks.



Backlog letter
Page 2

NEW PROGRAM INFORMATION

In November 1998, revised rules went into effect for UST Cleanups. These rules included housekeeping items as well as rules governing low impact sites (LIP) and for developing generic remedies. These rules are available at the DEQ's website (<http://www.deq.state.or.us/wmc/tank/200rules.htm>) or can be obtained from the Northwest Region office.

Guidance for LIP sites was prepared in December 1998. Copies of this guidance are available at the DEQ's website (<http://www.deq.state.or.us/wmc/tank/lisguid.htm>) or from the Northwest Region office.

During 1999, DEQ developed a generic remedy for risk based assessments. The generic remedy and guidance document was finalized on September 29, 1999. Copies of this guidance are available at the DEQ's website (http://www.deq.state.or.us/wmc/tank/rbdm_notice.htm) or from the Northwest Region office. This document replaces the DEQ's "Interim Guidance On Incorporating Risk Based Corrective Action For Petroleum Release Sites" (April 1996).

Another significant change is that the cleanup levels in Oregon Administrative Rules (OAR) 340-122-242 (4) have been replaced by the risk based screening levels in the risk based generic remedy.

The new rules and guidance apply to new releases and to cleanups that were not completed by the adoption date of the rules and guidance. If your cleanup was completed prior to these dates, or if you were operating under a DEQ *approved* corrective action plan, DEQ will apply the rules in place at the time of the cleanup when conducting our review.

If you have any questions or would like copies of the above referenced documents, please call Tina Leppaluoto at (503) 229-5472.

Sincerely,



Andree Pollock, Manager
UST Cleanup and Compliance Section

Enclosures: Cost Recovery Agreement

(avp:AVP)



4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

March 30, 2001

DEQ - NW Region
2020 SW Fourth, Suite 400
Portland, OR 97201

Attn: UST Cleanup and Compliance Section

Re: Jim Turin & Sons, Inc.
36775 Industrial Way, Sandy, OR
File No. 03-94-0124

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

APR 10 2001

NORTHWEST REGION

Dear Staff:

This report presents the procedures, methods and results for the soil sampling completed by K&S Environmental, Inc. (K&S) at the above referenced site. The work was requested by Dan Turin of Jim Turin & Sons, Inc. to address the concerns with the site as presented in Andree Pollock's December 27, 2000 letter to Dan Turin. The concerns stem from the underground storage tank (UST) decommissioning project completed at the site in 1994. K&S is a DEQ licensed Soil Matrix Service Provider and all work was completed by a DEQ licensed Soil Matrix Supervisor.

Background

A total of four underground storage tanks (USTs) were decommissioned the site by the owner, Jim Turin & Sons, Inc. Several soil samples were collected by Jim Hudson of Cushing Bros. of Salem, OR after the tanks were removed from the ground. Jim Hudson was a DEQ Licensed UST Supervisor at the time. All work completed in 1994 and described in this report is based on available information and documentation provided by Dan Turin.

The decommissioned USTs consisted of a 300 gallon heating oil UST (Tank 4), a 4000 gallon gasoline UST (Tank 1), a 1000 gallon gasoline UST (Tank 2) and a 4000 gallon diesel UST (Tank 3). The 300 gallon heating oil UST was originally noted as a waste oil UST. According to Dan Turin, that tank was never used to store waste oil, and had always been used for heating oil. A separate aboveground storage container(s) had always been used for stored waste oil. During removal of the four tanks, olfactory evidence of soil contamination was detected in the soil during the removal of Tank 3. A total of approximately 15-20 tons of obviously impacted soil was removed from the excavation at Tank 4. The soil was ultimately treated and used for making asphalt at the owners asphalt plant located at 62285 East Boulder Creek Lane in Welches, OR. No visual or olfactory evidence of soil contamination was reportedly noted during the decommissioning of any of the three remaining tanks.

Subsequent to all sampling and soil removal, the excavations were backfilled with clean overburden and imported crushed rock, and the surface was paved by the owner.

Soil Sampling Documentation

A total of 20 soil samples were originally collected by Jim Hudson of Cushing Bros., Inc. during the UST decommissioning project in 1994. Only 8 of the soil samples collected appear to have been analyzed. Those 8 samples were analyzed for total petroleum hydrocarbons by DEQ qualitative method NWTPH-HCID. The soil samples analyzed in 1994 consisted of one east end bottom sample from each excavation, one sample each from the backfill material at Tanks 1, 2 and 3, and one soil sample from the 'soil stockpile'. Only sample #1 collected from the 'tank top' at Tank 3 and sample #20 collected from the 'soil stockpile' contained reportable levels of contamination. Both results indicated a 'positive' for diesel range contamination, but no follow-up quantitative analyses were performed. The laboratory reports for the soil sampling performed in 1994 are included for your reference. No chain of custody for the 1994 samples are available.

In January, 2001, Jim Turin and Sons, Inc. contracted K&S to assist them in addressing the remaining DEQ concerns at the site. A review of the available data for the UST decommissioning project completed in 1994 indicate a lack of sufficient chemical data and documentation for closure under current DEQ rules.

In an attempt to obtain all the necessary samples for closure, K&S drilled a total of two soil borings at each of the three tank excavations that indicated no contamination in 1994 and four borings in and around the tank excavation that had a reported diesel release in 1994 (Tank #3). The borings were installed utilizing a solid stem three inch diameter auger on a trailer mounted Giddings drill rig. The soil samples were obtained by pushing a split spoon sampler beyond the bottom of the open borehole, therefore obtaining an undisturbed soil sample. All drilling and sampling equipment was cleaned in a solution of Alconox and water before the installation of each boring and the collection of each sample.

The results of the soil sampling program completed by K&S are summarized in Table 2 below. Table 1 below presents the results of the soil sampling completed by Jim Hudson of Cushing Bros. in 1994. Complete certified analytical reports with available chain of custody documentation are included with this report.

Table 1
Results of Samples Analyzed in 1994

Sample ID	Sample Location	NWTPH-HCID
#1A	Tank #3 (top)	ND, Pos, ND
#1	Tank #3, North Bottom	ND, ND, ND
#4A	Tank #2, (top)	ND, ND, ND
#6	Tank #2, North Bottom	ND, ND, ND
#9A	Tank #1, (top)	ND, ND, ND
#13	Tank #1, East Bottom	ND, ND, ND
#20	Diesel Soil Stockpile	ND, Pos, ND
Heat Fuel Tank	Front Bottom, Heat Fuel Tank	ND, ND, ND

Table 2
Results of Soil Samples Collected by K&S on 2/22/01

Sample ID	Location	NWTPH-HCID	NWTPH-Dx
#1	Boring B-1, 6.5 ft.	ND, ND, ND	NT
#2	Boring B-2, 6.5 ft.	ND, ND, ND	NT
#3	Boring B-3, 10 ft.	ND, ND, ND	NT
#4	Boring B-4, 10 ft.	ND, Pos, ND	2020 ppm
#5	Boring B-5, 8 ft.	ND, ND, ND	NT
#6	Boring B-6, 8 ft.	ND, ND, ND	NT
#7	Boring B-7, 10 ft.	NT	28.2
#8	Boring B-8, 7.5 ft.	NT	ND
#9	Boring B-9, 7.5 ft.	NT	25.8
#10	Boring B-10, 7.5 ft.	NT	ND

Table 3
Risk-Based Constituent Testing (ppm)

Sample ID	NWTPH-Dx	BTEX	PAHs
#4	2020	Benzene-<0.05 Toluene-0.0649 Ethylbenzene-2.11 Xylenes-2.18	Acenaphthene-2.17 Anthracene-.110 Benzo(k)fluoranthene-83.5 Fluorene-2.19 Naphthalene-9.86 Phenanthrene-7.6 Pyrene-.247

0.0835

ND - None detected at or above reportable levels
 NT - Not tested for this analyte
 ppm - parts per million

Subsurface Conditions

Native soil encountered during the collection of the soil samples by K&S consisted of reddish clay. The backfill material encountered in each of the former tank excavations consisted of 1/4 minus crushed rock. The borings installed in each of the four former excavations were advanced through the backfill material into native soil. As soon as native soil was encountered in each of the excavations, soil samples were collected by advancing a split spoon sampler into native soil to obtain an undisturbed soil sample. All drill cuttings were continuously observed for evidence of contamination. All samples collected for analyses were obtained from native soil at the depths and locations noted in the tables above and the attached site map.

No visual or olfactory evidence of contamination was noted by K&S during the installation of the borings or collection of the soil samples. No groundwater was encountered during completion of the work in 1994 or during the recent soil sampling completed by K&S.

Waste Disposal

After the tanks were removed from the ground, they were reportedly cut open and cleaned by a PEMCO employee, with the residual sludge/product being ultimately recycled or disposed of at a

permitted facility. PEMCO has since gone bankrupt and the original documentation for the waste disposal is no longer available.

The cleaned tanks and piping were stored at the site until a full load of scrap metal was accumulated from other sources by Jim Turing & Sons. The tanks were then taken to Mt. Hood Metals at 9645 N. Columbia Blvd. in Portland, OR where they were recycled. A receipt for the disposal of the tanks is included with this report.

Approximately 15-20 cubic yards of diesel impacted soil was removed from excavation at Tank 3. The soil was initially stored at the site and passively treated. The soil was then reportedly transported to Jim Turin and Sons' asphalt burner in Welches, OR where it was used in making asphalt. No other documentation for the treatment and disposal of the impacted soil is available.

Conclusions

A total of 4 USTs were decommissioned by Jim Turin and Sons, Inc. in 1994 at their construction yard located at 36775 Industrial Way in Sandy, OR. Minor diesel contamination was detected in soil at the 4000 gallon diesel UST at the time of decommissioning. Approximately 15-20 cubic yards of diesel impacted soil was reportedly removed from the diesel excavation and the material was aerated on site and ultimately run through the company's asphalt burner and used as construction material. The tanks were cleaned and recycled at a permitted facility. The waste generated during the cleaning of the tanks was reportedly disposed of at a permitted facility by PEMCO. No receipts are available for the tank waste or the treated soil.

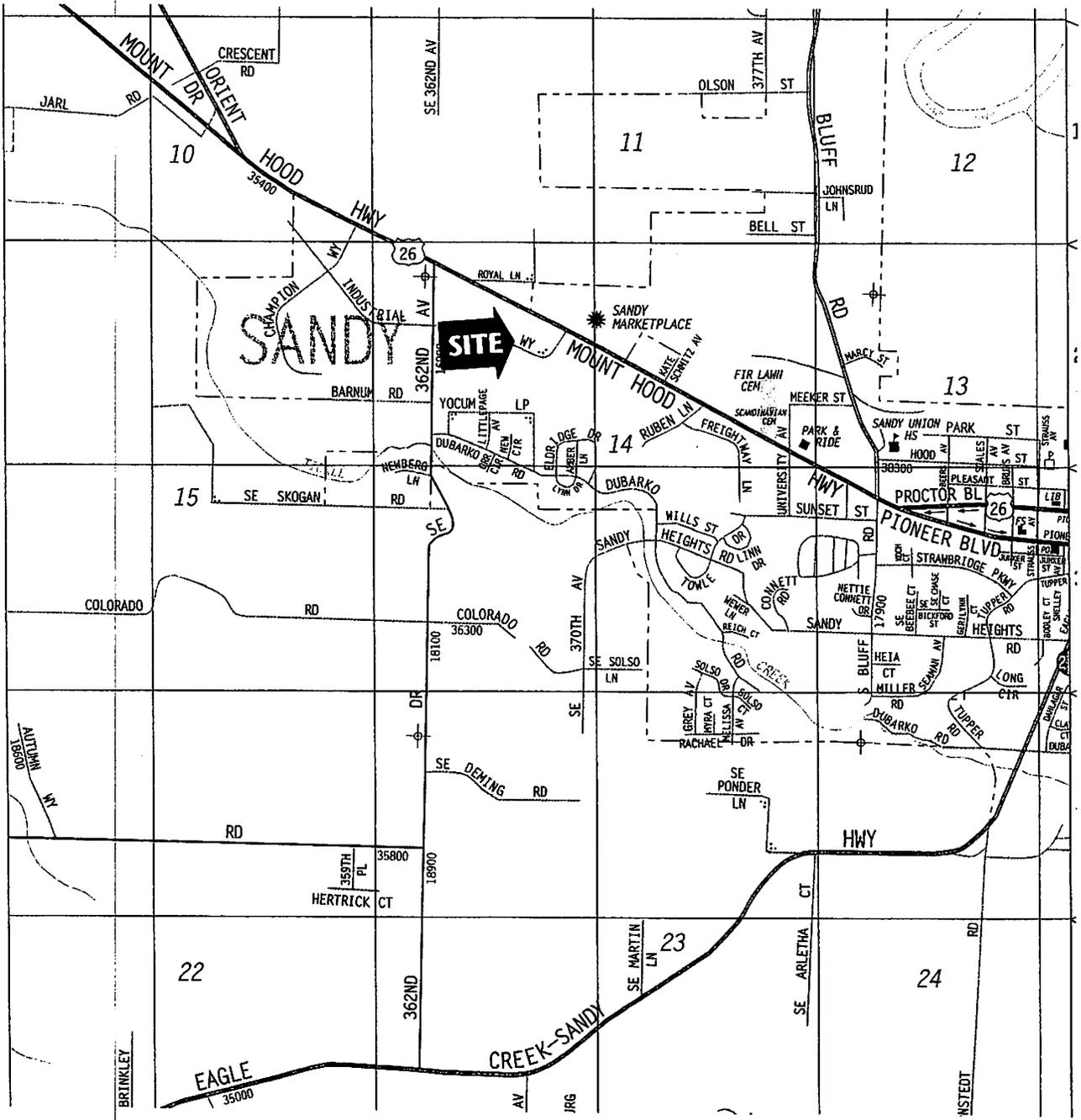
Due to the lack of documentation for the soil sampling completed in 1994, K&S re-sampled all four tank holes in accordance with DEQ requirements. The heating oil UST is not regulated by DEQ, but was permitted in 1988 and was therefore sampled as a regulated UST. Since diesel contamination was detected at the 4000 gallon diesel UST in 1994, additional soil borings were installed at the 4000 gallon diesel UST excavation to evaluate if any contamination remains above acceptable levels.

Diesel contamination was detected through NWTPH-HCID analyses in boring B-4 installed at the west end of the former 4000 gallon gasoline UST. Follow-up quantitative analyses by DEQ method NWTPH-Dx indicated levels of diesel at 2020 ppm. Since this concentration exceeds the site's soil matrix standard of 500 ppm, additional constituent testing was completed on the sample for BTEX and PAHs. All constituent results were within the most stringent Tier 1 table values.

To completely evaluate the risk-based concerns associated with the diesel contamination detected beneath the west end of Tank 1, the total vertical and lateral extent of soil contamination would need to be defined. This could be accomplished by drilling additional borings and collecting soil samples at strategic depths in the impacted area at Tank 1. Please do not hesitate to call me if you have any questions.

Sincerely,

Bill Knutson, P.E.
Environmental Engineer
cc Dan Turin



<h2>Vicinity Map</h2>	<p>K&S Environmental Inc.</p>
<p>Jim Turin & Sons, Inc. 36775 Industrial Way Sandy, OR</p>	<p>Date: 02/26/01 Project: #2380</p>

Site Access

North

Asphalt

Former 4K Diesel UST Location (Tank 3)

Former 1K Gas UST Location (Tank 2)

Former 4K Gas UST Location (Tank 1)

Former 300 Gallon H/O UST Location (Tank 4)

Catch Basin

Concrete

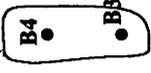
500 Gallon W/O AST

Dispensing Area

Concrete Berm Wall

3K Gasoline AST

3K Diesel AST



Main Shop Area

Offices

K&S Environmental, Inc.

Job #2380
Date: 2/27/01
Scale: 1" = 25'

B1 • - Boring Locations (2/22/01)

Site

Jim Turin & Sons, Inc.
36775 Industrial Way
Sandy, OR

Industrial Way



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 541.383.9310 fax 541.382.7588

7 March, 2001

Bill Knutson
 K & S Environmental
 4475 S.W. Scholls Ferry Road, Suite 256
 Portland, OR 97225

RE: Jim Turin & Sons

Enclosed are the results of analyses for samples received by the laboratory on 02/23/01 11:59. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Philip Nerenberg
 Philip Nerenberg
 Laboratory Manager

Work Orders included in this report:
P1B0594



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K & S Environmental

4475 S.W. Scholls Ferry Road, Suite 256
 Portland, OR 97225

Project: Jim Turin & Sons

Project Number: 2380

Project Manager: Bill Knutson

Reported:

03/07/01 15:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#1	P1B0594-01	Soil	02/22/01 08:40	02/23/01 11:59
#2	P1B0594-02	Soil	02/22/01 09:05	02/23/01 11:59
#3	P1B0594-03	Soil	02/22/01 09:55	02/23/01 11:59
#4	P1B0594-04	Soil	02/22/01 10:20	02/23/01 11:59
#5	P1B0594-05	Soil	02/22/01 11:00	02/23/01 11:59
#6	P1B0594-06	Soil	02/22/01 11:30	02/23/01 11:59
#7	P1B0594-07	Soil	02/22/01 11:55	02/23/01 11:59
#8	P1B0594-08	Soil	02/22/01 12:45	02/23/01 11:59
#9	P1B0594-09	Soil	02/22/01 12:55	02/23/01 11:59
#10	P1B0594-10	Soil	02/22/01 13:15	02/23/01 11:59

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 Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
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1 of 15



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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
#1 (P1B0594-01) Soil						Sampled: 02/22/01 Received: 02/23/01			
Gasoline Range Hydrocarbons	ND	20.0	mg/kg dry	1	NWTPH HCID	02/28/01	02/28/01	1020802	
Diesel Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	110 %	50-150							
#2 (P1B0594-02) Soil						Sampled: 02/22/01 Received: 02/23/01			
Gasoline Range Hydrocarbons	ND	20.0	mg/kg dry	1	NWTPH HCID	02/28/01	02/28/01	1020802	
Diesel Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	98.6 %	50-150							
#3 (P1B0594-03) Soil						Sampled: 02/22/01 Received: 02/23/01			
Gasoline Range Hydrocarbons	ND	20.0	mg/kg dry	1	NWTPH HCID	02/28/01	02/28/01	1020802	
Diesel Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	100 %	50-150							
#4 (P1B0594-04) Soil						Sampled: 02/22/01 Received: 02/23/01			
Gasoline Range Hydrocarbons	ND	20.0	mg/kg dry	1	NWTPH HCID	02/28/01	02/28/01	1020802	
Diesel Range Hydrocarbons	DET	50.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	90.2 %	50-150							
#5 (P1B0594-05) Soil						Sampled: 02/22/01 Received: 02/23/01			
Gasoline Range Hydrocarbons	ND	20.0	mg/kg dry	1	NWTPH HCID	02/28/01	02/28/01	1020802	
Diesel Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	109 %	50-150							

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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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**Hydrocarbon Identification per NW-TPH Methodology
 North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
#6 (P1B0594-06) Soil						Sampled: 02/22/01 Received: 02/23/01			
Gasoline Range Hydrocarbons	ND	20.0	mg/kg dry	1	NWTPH HCID	02/28/01	02/28/01	1020802	
Diesel Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	99.8 %	50-150							

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K & S Environmental
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 Portland, OR 97225

Project: Jim Turin & Sons
 Project Number: 2380
 Project Manager: Bill Knutson

Reported:
 03/07/01 15:30

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
#4 (P1B0594-04) Soil						Sampled: 02/22/01 Received: 02/23/01			
Diesel Range Organics	2020	25.0	mg/kg dry	1	NWTPH-Dx	03/05/01	03/06/01	1030111	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	137 %	50-150							
#7 (P1B0594-07) Soil						Sampled: 02/22/01 Received: 02/23/01			
Diesel Range Organics	28.2	25.0	mg/kg dry	1	NWTPH-Dx	02/28/01	03/01/01	1020803	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	114 %	50-150							
#8 (P1B0594-08) Soil						Sampled: 02/22/01 Received: 02/23/01			
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	02/28/01	03/01/01	1020803	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	111 %	50-150							
#9 (P1B0594-09) Soil						Sampled: 02/22/01 Received: 02/23/01			
Diesel Range Organics	25.8	25.0	mg/kg dry	1	NWTPH-Dx	02/28/01	03/01/01	1020803	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	113 %	50-150							
#10 (P1B0594-10) Soil						Sampled: 02/22/01 Received: 02/23/01			
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	02/28/01	03/01/01	1020803	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	122 %	50-150							

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BTEX per EPA Method 8021B
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
#4 (P1B0594-04) Soil						Sampled: 02/22/01 Received: 02/23/01			
Benzene	ND	0.0500	mg/kg dry	1	EPA 8021B	03/02/01	03/02/01	1030071	
Toluene	0.0649	0.0500	"	"	"	"	"	"	
Ethylbenzene	2.11	0.0500	"	"	"	"	"	"	
Xylenes (total)	2.18	0.0500	"	"	"	"	"	"	
Surr: 4-BFB (PID)	NR	65-125							S-02

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Polynuclear Aromatic Compounds per EPA Method 8310
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
						Sampled: 02/22/01 Received: 02/23/01			R-05
#4 (F1B0594-04) Soil									
Acenaphthene	2170	670	ug/kg dry	10	EPA 8310	03/05/01	03/05/01	1030086	
Acenaphthylene	ND	1300	"	"	"	"	"	"	
Anthracene	110	67.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	67.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	67.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	150	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	150	"	"	"	"	"	"	
Benzo (k) fluoranthene	83.5	67.0	"	"	"	"	"	"	
Chrysene	ND	67.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	150	"	"	"	"	"	"	
Fluoranthene	ND	150	"	"	"	"	"	"	
Fluorene	2190	150	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	150	"	"	"	"	"	"	
Naphthalene	9860	670	"	"	"	"	"	"	
Phenanthrene	7600	134	"	20	"	"	03/05/01	"	
Pyrene	247	67.0	"	10	"	"	03/05/01	"	
Surr: 2-Fluorobiphenyl	NR	30-140							S-02

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K & S Environmental
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Portland, OR 97225

Project: Jim Turin & Sons
Project Number: 2380
Project Manager: Bill Knutson

Reported:
03/07/01 15:30

**Percent Dry Weight (Solids) per Standard Methods
North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
						Sampled: 02/22/01		Received: 02/23/01	
#1 (P1B0594-01) Soil									
% Solids	74.3	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#2 (P1B0594-02) Soil									
% Solids	71.0	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#3 (P1B0594-03) Soil									
% Solids	65.5	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#4 (P1B0594-04) Soil									
% Solids	63.9	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#5 (P1B0594-05) Soil									
% Solids	75.6	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#6 (P1B0594-06) Soil									
% Solids	74.6	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#7 (P1B0594-07) Soil									
% Solids	73.8	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#8 (P1B0594-08) Soil									
% Solids	74.9	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
						Sampled: 02/22/01		Received: 02/23/01	
#9 (P1B0594-09) Soil									
% Solids	74.4	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	

North Creek Analytical - Portland

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Philip Nerenberg, Laboratory Manager

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Environmental Laboratory Network

7 of 15



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 541.383.9310 Fax 541.382.7588

K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
--	--	-----------------------------

**Percent Dry Weight (Solids) per Standard Methods
 North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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#10 (P1B0594-10) Soil Sampled: 02/22/01 Received: 02/23/01

% Solids	75.3	1.00	% by Weight	1	NCA SOP	02/28/01	03/01/01	1020819	
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RJ

Philip Nerenberg, Laboratory Manager

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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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Hydrocarbon Identification per NW TPH Methodology - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1020802 - TPH-HCID Extraction

Blank (1020802-BLK1)	Prepared & Analyzed: 02/28/01									
Gasoline Range Hydrocarbons	ND	20.0	mg/kg wet							
Diesel Range Hydrocarbons	ND	50.0	"							
Heavy Oil Range Hydrocarbons	ND	100	"							
Surr: 1-Chlorooctadecane	DET		"	3.96		107	50-150			
Duplicate (1020802-DUP1)	Source: P1B0594-04 Prepared & Analyzed: 02/28/01									
Gasoline Range Hydrocarbons	DET	20.0	mg/kg dry		ND				50	Q-14
Diesel Range Hydrocarbons	DET	50.0	"		DET			25.3	50	
Heavy Oil Range Hydrocarbons	ND	100	"		ND				50	
Surr: 1-Chlorooctadecane	DET		"	6.20		82.7	50-150			

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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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Diesel and Heavy Range Hydrocarbons per NWTFB-10 Method, Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1020803 - EPA 3550 Fuels										
Blank (1020803-BLK1)										
Prepared: 02/28/01 Analyzed: 03/01/01										
Diesel Range Organics	ND	25.0	mg/kg wet							
Heavy Oil Range Hydrocarbons	ND	50.0	"							
Surr: 1-Chlorooctadecane	5.97		"	4.80		124	50-150			
LCS (1020803-BS1)										
Prepared: 02/28/01 Analyzed: 03/01/01										
Diesel Range Organics	127	25.0	mg/kg wet	129		98.4	50-150			
Heavy Oil Range Hydrocarbons	79.0	50.0	"	79.0		100	50-150			
Surr: 1-Chlorooctadecane	5.78		"	4.80		120	50-150			
Duplicate (1020803-DUP1)										
Source: P1B0485-24 Prepared: 02/28/01 Analyzed: 03/01/01										
Diesel Range Organics	252	25.0	mg/kg dry		484			63.0	50	Q-14
Heavy Oil Range Hydrocarbons	580	50.0	"		905			43.8	50	
Surr: 1-Chlorooctadecane	5.23		"	7.50		69.7	50-150			
Duplicate (1020803-DUP2)										
Source: P1B0594-07 Prepared: 02/28/01 Analyzed: 03/01/01										
Diesel Range Organics	ND	25.0	mg/kg dry		28.2				50	Q-16
Heavy Oil Range Hydrocarbons	ND	50.0	"		ND				50	
Surr: 1-Chlorooctadecane	7.53		"	6.50		116	50-150			
Batch 1030111 - EPA 3550 Fuels										
Blank (1030111-BLK1)										
Prepared: 03/05/01 Analyzed: 03/06/01										
Diesel Range Organics	ND	25.0	mg/kg wet							
Heavy Oil Range Hydrocarbons	ND	50.0	"							
Surr: 1-Chlorooctadecane	6.12		"	4.80		128	50-150			
LCS (1030111-BS1)										
Prepared: 03/05/01 Analyzed: 03/06/01										
Diesel Range Organics	120	25.0	mg/kg wet	129		93.0	50-150			
Heavy Oil Range Hydrocarbons	70.0	50.0	"	79.0		88.6	50-150			
Surr: 1-Chlorooctadecane	4.72		"	4.80		98.3	50-150			

North Creek Analytical - Portland

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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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Diesel and Heavy Range Hydrocarbons per NW L-HPLC Method - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030111 - EPA 3550 Fuels										
Duplicate (1030111-DUP1)										
Source: PIC0037-05 Prepared: 03/05/01 Analyzed: 03/06/01										
Diesel Range Organics	150	25.0	mg/kg dry		120			22.2	50	
Heavy Oil Range Hydrocarbons	ND	50.0	"		ND				50	
Surr: 1-Chlorooctadecane	7.60		"	5.37		142	50-150			
Duplicate (1030111-DUP2)										
Source: PIC0021-11 Prepared: 03/05/01 Analyzed: 03/06/01										
Diesel Range Organics	4560	25.0	mg/kg dry		5160			12.3	50	
Heavy Oil Range Hydrocarbons	ND	50.0	"		ND				50	
Surr: 1-Chlorooctadecane	4.60		"	5.98		76.9	50-150			

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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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Batch 1030071 - EPA Method 8021B - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030071 - EPA 5035										
Blank (1030071-BLK1)										
Prepared & Analyzed: 03/02/01										
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylenes (total)	ND	0.0250	"							
Surr: 4-BFB (PID)	1.48		"	1.25		118	65-125			
LCS (1030071-BS2)										
Prepared & Analyzed: 03/02/01										
Benzene	0.519	0.0250	mg/kg wet	0.500		104	65-130			
Toluene	0.536	0.0250	"	0.500		107	65-130			
Ethylbenzene	0.527	0.0250	"	0.500		105	65-130			
Xylenes (total)	1.61	0.0250	"	1.50		107	65-130			
Surr: 4-BFB (PID)	1.64		"	1.25		131	65-125			S-02
Matrix Spike (1030071-MS1)										
Source: P1C0036-02 Prepared & Analyzed: 03/02/01										
Benzene	0.574	0.0250	mg/kg wet	0.500	ND	115	65-130			
Toluene	0.595	0.0250	"	0.500	ND	114	65-130			
Ethylbenzene	0.599	0.0250	"	0.500	ND	120	65-130			
Xylenes (total)	1.83	0.0250	"	1.50	0.0302	120	65-130			
Surr: 4-BFB (PID)	1.63		"	1.25		130	65-125			S-02
Matrix Spike Dup (1030071-MSD1)										
Source: P1C0036-02 Prepared & Analyzed: 03/02/01										
Benzene	0.560	0.0250	mg/kg wet	0.500	ND	112	65-130	2.47	20	
Toluene	0.577	0.0250	"	0.500	ND	111	65-130	3.07	20	
Ethylbenzene	0.579	0.0250	"	0.500	ND	116	65-130	3.40	20	
Xylenes (total)	1.77	0.0250	"	1.50	0.0302	116	65-130	3.33	20	
Surr: 4-BFB (PID)	1.61		"	1.25		129	65-125			S-02

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12 of 15



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K & S Environmental
4475 S.W. Scholls Ferry Road, Suite 256
Portland, OR 97225

Project: Jim Turin & Sons
Project Number: 2380
Project Manager: Bill Knutson

Reported:
03/07/01 15:30

Polynuclear Aromatic Compounds per EPA Method 8310 - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030086 - EPA 3550										
Blank (1030086-BLK1)										
Prepared & Analyzed: 03/05/01										
Acenaphthene	ND	67.0	ug/kg wet							
Acenaphthylene	ND	130	"							
Anthracene	ND	6.70	"							
Benzo (a) anthracene	ND	6.70	"							
Benzo (a) pyrene	ND	6.70	"							
Benzo (b) fluoranthene	ND	15.0	"							
Benzo (ghi) perylene	ND	15.0	"							
Benzo (k) fluoranthene	ND	6.70	"							
Chrysene	ND	6.70	"							
Dibenzo (a,h) anthracene	ND	15.0	"							
Fluoranthene	ND	15.0	"							
Fluorene	ND	15.0	"							
Indeno (1,2,3-cd) pyrene	ND	15.0	"							
Naphthalene	ND	67.0	"							
Phenanthrene	ND	6.70	"							
Pyrene	ND	6.70	"							
<i>Surr: 2-Fluorobiphenyl</i>	687		"	833		82.5	30-140			
LCS (1030086-BS1)										
Prepared & Analyzed: 03/05/01										
Acenaphthylene	1070	130	ug/kg wet	1330		80.5	34-117			
Benzo (k) fluoranthene	707	6.70	"	66.7		106	56-128			
Pyrene	673	6.70	"	66.7		101	55-126			
<i>Surr: 2-Fluorobiphenyl</i>	617		"	833		74.1	30-140			

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K & S Environmental 4475 S.W. Scholls Ferry Road, Suite 256 Portland, OR 97225	Project: Jim Turin & Sons Project Number: 2380 Project Manager: Bill Knutson	Reported: 03/07/01 15:30
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Percent Dry Weight (Solids) per Standard Method - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1020819 - Dry Weight										
Duplicate (1020819-DUP1)	Source: P1B0611-06 Prepared: 02/28/01 Analyzed: 03/01/01									
% Solids	70.7	1.00 % by Weight			71.0			0.423	20	
Duplicate (1020819-DUP2)	Source: P1B0591-03 Prepared: 02/28/01 Analyzed: 03/01/01									
% Solids	94.5	1.00 % by Weight			91.3			3.44	20	

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K & S Environmental
 4475 S.W. Scholls Ferry Road, Suite 256
 Portland, OR 97225

Project: Jim Turin & Sons
 Project Number: 2380
 Project Manager: Bill Knutson

Reported:
 03/07/01 15:30

Notes and Definitions

- Q-14 The Spike Recovery and/or RPD is outside of control limits due to a non-homogeneous sample matrix.
- Q-16 RPD is not applicable for analyte concentrations less than 5 times the MRL.
- R-05 Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.
- wet Sample results reported on a wet weight basis
- RPD Relative Percent Difference

North Creek Analytical - Portland

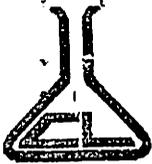
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Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.
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15 of 15



Report Date: February 24, 1994

Job#: TP-940218AK-15

PO#: P-1464

Project#: 02-94 (Sandy)

Project: Jim Turin & Sons (Tank Removal)

Attention: James R. Hudson
Cushing Bros. Inc.
P.O. Box 4312
Salem, OR 97302

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 02/18/94

Lab No.	Field Identification	Sample Matrix	Date	Time
1	#1A Diesel Tank (Top)	Soil	02-16-94	0900
2	#1 Diesel Tank North Side Bottom	Soil	02-16-94	1020
3	#2 Diesel Tank South Face Bottom	Soil	02-16-94	1025
4	#3 Diesel Tank East Face Bottom	Soil	02-16-94	1045
5	#4 Diesel Tank West Face Bottom	Soil	02-16-94	1100
6	#4A Unleaded Tank (Top)	Soil	02-16-94	1000
7	#5 Unleaded Tank South Face Bottom	Soil	02-16-94	1110
8	#6 Unleaded Tank North Face Bottom	Soil	02-16-94	1110
9	#7 Unleaded Tank West Face Bottom	Soil	02-16-94	1130
10	#8 Unleaded Tank East Face Bottom	Soil	02-16-94	1120
11	#9A Gas Regular Top	Soil	02-17-94	0900
12	#9 Gas Regular South Face Bottom	Soil	02-17-94	1000
13	#10 Gas Regular East Face Bottom	Soil	02-17-94	1015
14	#11 Gas Regular West Face Bottom	Soil	02-17-94	1035
15	#12 Gas Regular North Face Bottom	Soil	02-17-94	1040

ANALYTICAL RESULTS ARE ON THE FOLLOWING PAGE(S).

Received
JUL 13 1994
NORTHWEST REGION

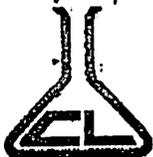
Sincerely,

Susan M. Coffey
President

SMC/lws

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

COFFEY LABORATORIES, INC.



Job#: TP-940218AK-15

Cushing Bros. Inc.
Page 3 of 4 pages

Sample Id:
6 #4A Unleaded Tank (Top)
8 #6 Unleaded Tank North Face Bottom

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

	<u>Sample #6</u> <u>Results</u>	<u>Sample #8</u> <u>Results</u>
Gasoline detected by TPH-HCID		
Gasoline not detected by TPH-HCID	✓	✓
Diesel detected by TPH-HCID		
Diesel not detected by TPH-HCID	✓	✓
Hydrocarbons heavier than C28 detected		
Recommended further analysis:		
TPH-G		
TPH-D		
TPH-418.1		
None	✓	✓
Surrogate Recovery %	100	100

COFFEY LABORATORIES, INC.



Job#: TP-940218AK-15

Cushing Bros. Inc.
Page 4 of 4 pages

Sample Id:
11 #9A Gas Regular Top
13 #10 Gas Regular East Face Bottom

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

	<u>Sample #11</u> <u>Results</u>	<u>Sample #13</u> <u>Results</u>
Gasoline detected by TPH-HCID		
Gasoline not detected by TPH-HCID	✓	✓
Diesel detected by TPH-HCID		
Diesel not detected by TPH-HCID	✓	✓
Hydrocarbons heavier than C28 detected		
Recommended further analysis:		
TPH-G		
TPH-D		
TPH-418.1		
None	✓	✓
Surrogate Recovery %	90	100

COFFEY LABORATORIES, INC.

12423 NE Whitaker Way • Portland, OR • 97230 • (503) 254-1704 • FAX (503) 254-1452

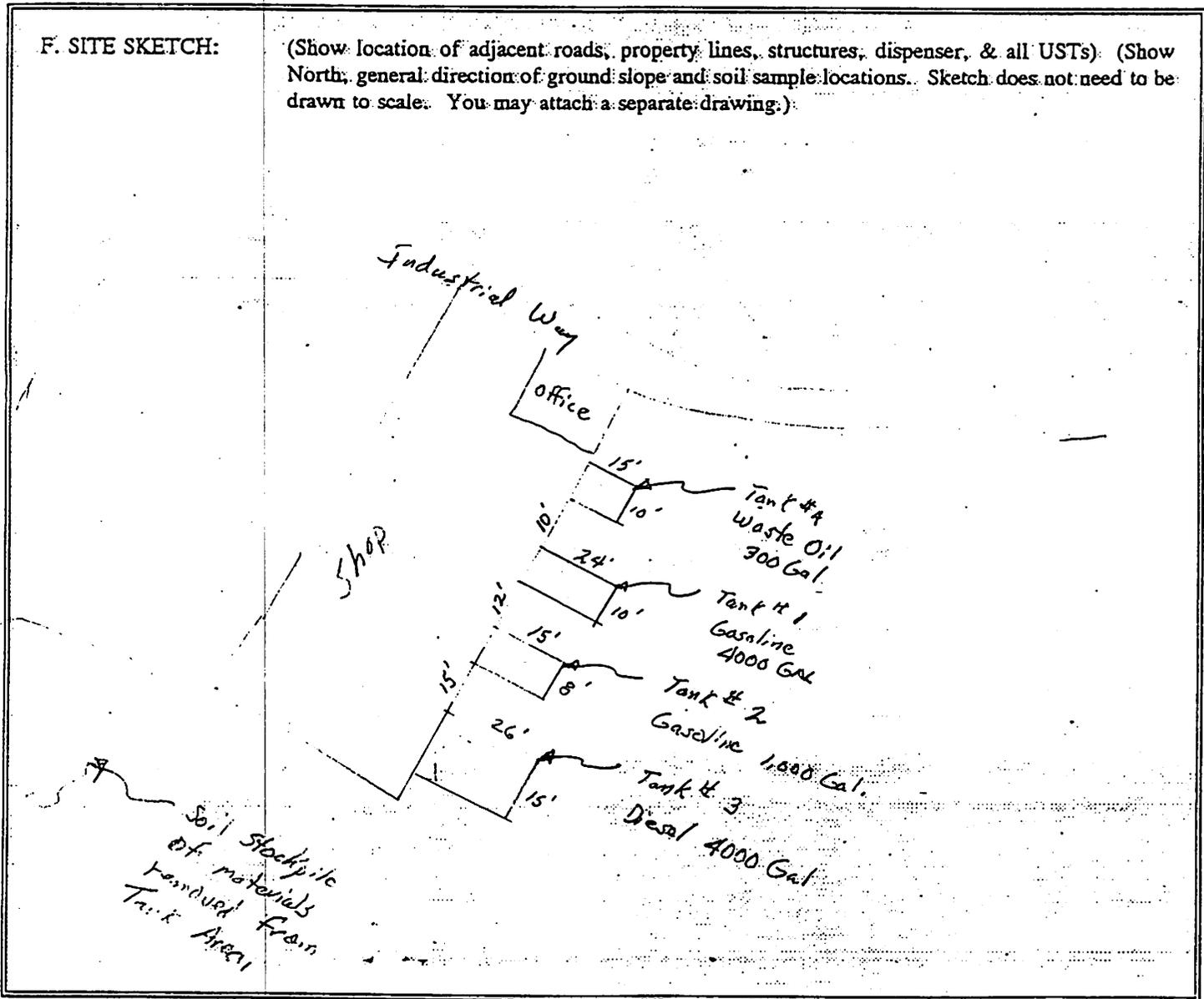
E. CONTAMINATION INFORMATION...

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1	None	None	None	5	Coffey Laboratories, Inc. 12423 N.E. Whitaker Way, Portland, Ore 77230
2	None	None	None	5	
3	None	Diesel Smell	None	5	
4	None	None	None	5	

* 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.)



Report Date: July 30, 1994
Job#: TP-940729M-1
PO#: P-1464
Project#: 02-94 (Sandy)
Project: Jim Turin & Sons, Inc.

James R. Hudson
Cushing Bros. Inc.
P.O. Box 4312
Salem, OR 97302

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 07/29/94

Lab No.	Field Identification	Sample Matrix	Date	Time
1	#20-Diesel Soil Stockpile, Resample of Material From Sample #1	Soil	07-18-94	1000

ANALYTICAL RESULTS ARE ON THE FOLLOWING PAGE(S).

Sincerely,

Mark W. Lead

for
Susan M. Coffey
President

SMC/daj

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

Report Date: March 2, 1994

Job#: TP-940301AE-1

PO#: P-1464

Project#: 02-94 (Sandy)

Project: Jim Tumin & Sons (Tank
Removal)

Attention: James R. Hudson
Cushing Bros. Inc.
P.O. Box 4312
Salem, OR 97302

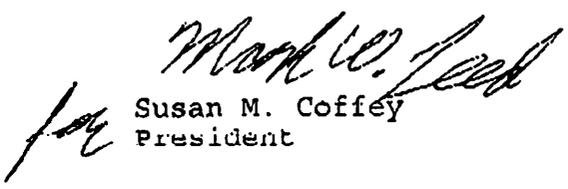
SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 03/01/94

Lab No.	Field Identification	Sample Matrix	Date	Time
1	Front Bottom-Heat Fuel Tank	Soil	02-16-94	0915

ANALYTICAL RESULTS ARE ON THE FOLLOWING PAGE(S).

Sincerely,


Susan M. Coffey
President

SMC/daj

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

Cushing Bros. Inc.

Job#: TP-940301AE-1

Page 2

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Sample ID: #1 - Front Bottom-Heat Fuel Tank

Summary of Qualitative Screening Test:

	Sample #1 <u>Results</u>	Sample #1 <u>Duplicate</u>
Gasoline detected by TPH-HCID		
Gasoline not detected by TPH-HCID	✓	✓
Diesel detected by TPH-HCID		
Diesel not detected by TPH-HCID	✓	✓
Hydrocarbons heavier than C28 detected		
Recommended further analysis:		
TPH-G		
TPH-D		
TPH-418.1		
None	✓	✓
Surrogate Recovery %	90	110

MT. HOOD METALS

9645 N. Columbia • P.O. Box 83123
 PORTLAND, OR 97283-0123

(503) 283-3300 (503) 283-3325 FAX

169143

Date 1/6/96

SELLER: John T. Smith & Sons
 STREET: _____
 CITY: _____

LICENSE NO.: _____
 VEHICLE NO.: _____
 DRIVER/PASSENGERS ON: 0 1 2 3 4 5

Weight	Code/Desc.	Price	Amount	Code/Desc.	Net Weight	Price	Amount
	801 #1 PP			102 #1 Copper			
	#1 UPP			106 #1 Copper Solids			
	802 #2 PP			104 #2 Copper			
	#2 UPP			107 #3 Copper			
	803 St. Shav.			109 Insul. #1			
	804 Tin			Insul. #2			
	805 Motor Blks.						
	806 Cast Iron	70					
	807 Appliances			203 Yellow Brass			
				205 Red Brass			
				213 Radiators			
				306 AL. CU. Rads			
				301 Cast Alum.			
				302 Alum. Sheet			
				303 Alum. Clips			
				304 Alum Extr.			
				305 Alum. Shavings			
				308 Alum. Breakage			
				309 Alum. Cans			
				402 Stainless			
				403 Stainless Shav.			
				604 Lead			
				605 Diecast			
				811 Electric Motors			

~~01/05/96~~
~~15:31~~
~~20560 LB G~~

01/05/96
 15:31
 20560 LB G

*Scrap Iron
 paid # 74201
 \$310.80
 1/10/96*

I represent and warrant that this material does not contain a hazardous substance as defined by Federal or State law, and I agree to indemnify Mt. Hood Metals, Inc. against all claims.

If you sell us refrigerators, air conditioners or other manufactured items that contain CFC's or Freons, you certify that the CFC's or Freons have been removed in accordance with the Clean Air Act, and that "Sealed Units" and compressors have been emptied of all oil or oil products.

I hereby state that I am the lawful owner of the material described hereon, that I have the right to sell the same. Mt. Hood Metals, Inc., is not responsible for accidents while loading or unloading.

15:05
 01/05/96
 19680 LB G

8880

CASH _____

CHECK # 74201

X John T. Smith

Total Right Column _____

Total Left Column _____

GRAND TOTAL \$310.80

PERIODIC REVIEW

f 3664

DATE 5/27/99

FILE NUMBER 03-94-0124

SITE NAME Jlh Turin

BY GREG TORAN

ADD START DATE 17 Feb 94

ADD CONTROL DATE 17 Feb 94

REGULATED TANKS YES NO

4 tanks

FEES PAID ?

1 waste oil AS #4

TANKS CLOSED ON SEQUENT

ADDITIONAL INFORMATION NEEDED _____

MATRIX SITE

APPEARS TO BE COMPLETE

ADDITIONAL INFO REQUESTED _____

G/WATER

ADDITIONAL INFO REQUESTED _____

COMMENTS 15 soil samples received at coffee labs.

5 samples from each of 3 tank pits. No samples from w/oil tank.
results submitted: 1 diesel bottom, 1 unleaded bottom,
1 regular bottom, need total from 4 tank nests, "5 short"
No samples from staining in soil, pcp inspection, gasoline odors.
PCS from tank nests was overexcavated and stockpiled, no samples
or disposal receipts. Fate of sludges, tanks, piping, dispensers
unknown. Need PCS disposal docs. One confirmation
of diesel by K&B, No quantification by TPT = D.

November 13, 1995

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

Mr. Dan Turin
Jim Turin and Sons
36775 Industrial Way
Sandy, OR 97055

Re: Jim Turin & Sons, Inc.
Log No. 03-94-0124

Dear Mr. Turin:

The purpose of this letter is to provide notification that you will be receiving an invoice from the Department of Environmental Quality (DEQ) for costs the DEQ has accrued during oversight activities at the facility listed above. A release of petroleum (a hazardous material) at this site was reported to the DEQ as required by law.

Responsible parties are required to pay costs incurred by DEQ for oversight of investigation and cleanup of spills and releases of hazardous materials (ORS 465.225). This includes both direct and indirect costs. Direct costs include site-specific expenses and legal costs. Examples are: time spent by a project manager conducting a site visit or reviewing a report, or clerical staff starting a file or updating a database.

Indirect costs are general management and support costs accrued by the DEQ which are associated with oversight of this cleanup, but which are not charged as direct, site-specific costs. An example is time associated with processing timesheets and payroll.

The cost(s) you will be invoiced for may have been accrued over the last several years. Due to a large backlog of projects, invoices on low priority projects were delayed. We apologize for any inconvenience this may have caused.

If you have any questions regarding the Department's cost recovery program or your invoice, please contact our Waste Management and Cleanup Division at (503) 229-5812.

Should you have any technical questions about your cleanup project, please contact the Northwest Region's Underground Storage Tank duty officer at (503) 229-5263.

Sincerely,

RPR:
SM6

*Nothing on w/o UST
Only 1 sample per UST bottom.
No sampling sketch
Suspect PCS sample nothing
No disposal receipts*



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



November 13, 1995

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

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Jim Turin and Sons
36775 Industrial Way
Sandy, OR 97055

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Log No. 03-94-0124

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Should you have any technical questions about your cleanup project, please contact the Northwest Region's Underground Storage Tank duty officer at (503) 229-5263.

Sincerely,



Richard P. Reiter
UST Section Manager
Northwest Region

RPR:m
SM6295



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



MT. HOOD METALS

9645 N. Columbia • P.O. Box 83123
 PORTLAND, OR 97283-0123

(503) 283-3300 (503) 283-3325 FAX

169143

Date 1/6/96

SELLER: Don Tuck & Sons
 STREET: _____
 CITY: _____

LICENSE NO.: _____
 VEHICLE NO.: _____
 DRIVER/PASSENGERS ON: 0 1 2 3 4 5

Weight	Code/Desc.	Price	Amount	Code/Desc.	Net Weight	Price	Amount
	801 #1 PP			102 #1 Copper			
	#1 UPP			106 #1 Copper Solids			
	802 #2 PP			104 #2 Copper			
	#2 UPP			107 #3 Copper			
	803 St. Shav.			109 Insul. #1			
	804 Tin			Insul. #2			
	805 Motor Blks.						
	806 Cast Iron	70					
	807 Appliances			203 Yellow Brass			
				205 Red Brass			
				213 Radiators			
				306 AL. CU. Rads			
				301 Cast Alum.			
				302 Alum. Sheet			
				303 Alum. Clips			
				304 Alum Extr.			
				305 Alum. Shavings			
				308 Alum. Breakage			
				309 Alum. Cans			
				402 Stainless			
				403 Stainless Shav.			
				604 Lead			
				605 Diecast			
				811 Electric Motors			

~~01/05/96~~
~~15:31~~
~~29580 LB G~~

01/05/96
 15:31
 29580 LB G

*Scrap Iron
 Paid # 74201
 \$310.80
 1/10/96*

I represent and warrant that this material does not contain a hazardous substance as defined by Federal or State law, and I agree to indemnify Mt. Hood Metals, Inc. against all claims.

If you sell us refrigerators, air conditioners or other manufactured items that contain CFC's or Freons, you certify that the CFC's or Freons have been removed in accordance with the Clean Air Act, and that "Sealed Units" and compressors have been emptied of all oil or oil products.

I hereby state that I am the lawful owner of the material described hereon, that I have the right to sell the same. Mt. Hood Metals, Inc., is not responsible for accidents while loading or unloading.

15:05
 01/05/96
 19680 LB G

8880

CASH _____

CHECK # 74201

X My Ramsey

Total Right Column _____

Total Left Column _____

GRAND TOTAL \$310.80



Report Date: February 24, 1994

Job#: TP-940218AK-15

PO#: P-1464

Attention: James R. Hudson
Cushing Bros. Inc.
P.O. Box 4312
Salem, OR 97302

Project#: 02-94 (Sandy)
Project: Jim Turin & Sons (Tank
Removal)

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 02/18/94

Lab No.	Field Identification	Sample Matrix	Date	Time
1	#1A Diesel Tank (Top)	Soil	02-16-94	0900
2	#1 Diesel Tank North Side Bottom	Soil	02-16-94	1020
3	#2 Diesel Tank South Face Bottom	Soil	02-16-94	1025
4	#3 Diesel Tank East Face Bottom	Soil	02-16-94	1045
5	#4 Diesel Tank West Face Bottom	Soil	02-16-94	1100
6	#4A Unleaded Tank (Top)	Soil	02-16-94	1000
7	#5 Unleaded Tank South Face Bottom	Soil	02-16-94	1110
8	#6 Unleaded Tank North Face Bottom	Soil	02-16-94	1110
9	#7 Unleaded Tank West Face Bottom	Soil	02-16-94	1130
10	#8 Unleaded Tank East Face Bottom	Soil	02-16-94	1120
11	#9A Gas Regular Top	Soil	02-17-94	0900
12	#9 Gas Regular South Face Bottom	Soil	02-17-94	1000
13	#10 Gas Regular East Face Bottom	Soil	02-17-94	1015
14	#11 Gas Regular West Face Bottom	Soil	02-17-94	1035
15	#12 Gas Regular North Face Bottom	Soil	02-17-94	1040

ANALYTICAL RESULTS ARE ON THE FOLLOWING PAGE(S).

OFFICE OF ENVIRONMENTAL
RECIPIENT
JUL 13 1994
NORTHWEST REGION

Sincerely,

Susan M. Coffey
President

SMC/lws

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

COFFEY LABORATORIES, INC.

12423 N.E. Whitaker Way • Portland, OR • 97230 • (503) 254-1794 • FAX (503) 254-1452



Job#: TP-940218AK-15

Cushing Bros. Inc.
Page 2 of 4 pages

Sample Id:
1 #1A Diesel Tank (Top)
2 #1 Diesel Tank North Side Bottom

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

	<u>Sample #1</u> <u>Results</u>	<u>Sample #2</u> <u>Results</u>	<u>Sample #2</u> <u>Duplicate</u> <u>Results</u>
Gasoline detected by TPH-HCID			
Gasoline not detected by TPH-HCID	✓	✓	✓
Diesel detected by TPH-HCID	✓		
Diesel not detected by TPH-HCID		✓	✓
Hydrocarbons heavier than C28 detected			
Recommended further analysis:			
TPH-G			
TPH-D	✓		
TPH-418.1			
None		✓	✓

Surrogate Recovery % NA* 100 80

*Surrogate spike recovery could not be calculated because of the concentration of hydrocarbons present.



Job#: TP-940218AK-15

Cushing Bros. Inc.
Page 3 of 4 pages

Sample Id:
6 #4A Unleaded Tank (Top)
8 #6 Unleaded Tank North Face Bottom

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

	<u>Sample #6</u> <u>Results</u>	<u>Sample #8</u> <u>Results</u>
Gasoline detected by TPH-HCID		
Gasoline not detected by TPH-HCID	✓	✓
Diesel detected by TPH-HCID		
Diesel not detected by TPH-HCID	✓	✓
Hydrocarbons heavier than C28 detected		
Recommended further analysis:		
TPH-G		
TPH-D		
TPH-418.1		
None	✓	✓
Surrogate Recovery %	100	100



Job#: TP-940218AK-15

Cushing Bros. Inc.
Page 4 of 4 pages

Sample Id:

11 #9A Gas Regular Top
13 #10 Gas Regular East Face Bottom

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

	<u>Sample #11</u>	<u>Sample #13</u>
	<u>Results</u>	<u>Results</u>

Gasoline detected by TPH-HCID

Gasoline not detected by TPH-HCID	✓	✓
-----------------------------------	---	---

Diesel detected by TPH-HCID

Diesel not detected by TPH-HCID	✓	✓
---------------------------------	---	---

Hydrocarbons heavier than C28 detected

Recommended further analysis:

TPH-G

TPH-D

TPH-418.1

None	✓	✓
------	---	---

Surrogate Recovery %

90

100

PROPOSED TANK SITE

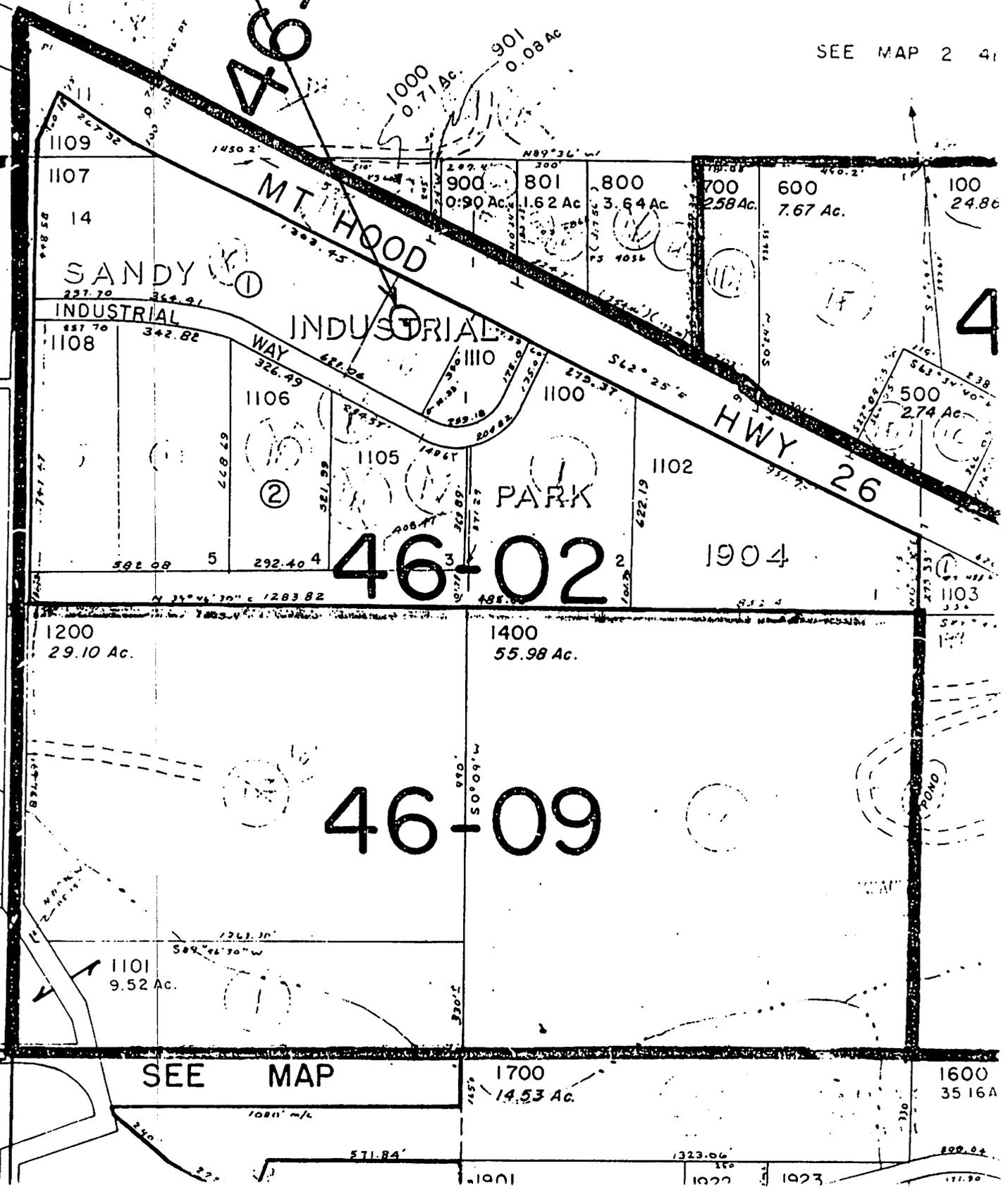
SECTION 4
BLACKHAWK
18400

46-09

SEE MAP 2 4

10
15

4



46-02

46-09

SEE MAP

10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100

NORTHWEST REGION

JUL 13 1994

REGION
OF ENVIRONMENT

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

DEQ FACILITY NUMBER: 3664

DATE: _____

FACILITY NAME: Jim Turin & Sons, Inc.

FACILITY ADDRESS: 36775 Industrial Way

Sandy, Ore 97055

PHONE: 503 668-5237

The following information **MUST** be submitted by the underground storage tank owner, operator or 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 or service change. 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 or change service must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the work 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: _____ (3 working days before work starts)

DEQ Person Notified: Rich Rose

Date Work Started: 2-16-94

Date Work Completed: 5-30-94

Note: Provide the following information if any soil or water contamination is found during the decommissioning or service change. 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: _____ By: _____

DEQ Person Notified: Rich Rose

Suspected Release No. C-3-SR-94CS

Backfill Telephone Notice - Date Called: 3-94 (before backfilling)

DEQ Person Notified: Rich Rose

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 #: N/A Date: _____

Disposed to (Location): N/A

DEQ Solid Waste Disposal Permit #: _____ Date: _____

JUL 13 1994

NORTHWEST REGION

B. PERMITS (Continued)

UST Soil Treatment-Permit Addendum - Type: _____ Date: _____

Soil Disposal or Treatment Location: Non Contaminated Soil & Suspected Contamination are at property site 3675 Industrial Way.

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 [∞] Inplace	Other [∞] Use	Yes*	No
1	DAFG	4,000	Gasoline	—	X				X
2	DAFH	1,000	Gasoline	—	X				X
3	DAFJ	4,000	Diesel	—	X				X
4	DAFK	300	Waste Oil	—	X				X

* 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, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

D. DISPOSAL INFORMATION:

Tank #	Tank & Piping Disposal Method				Disposal Location of Tank Contents *	
	Scrap	Land-fill	Other	Identify Location & Property Owner	Liquids	Sludges
1	DAFG			Tanks are clean and can be used for	None	None
2	DAFH			Future products stored @	None	None
3	DAFJ			3675 Industrial Way	None	None
4	DAFK				None	None

* 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.

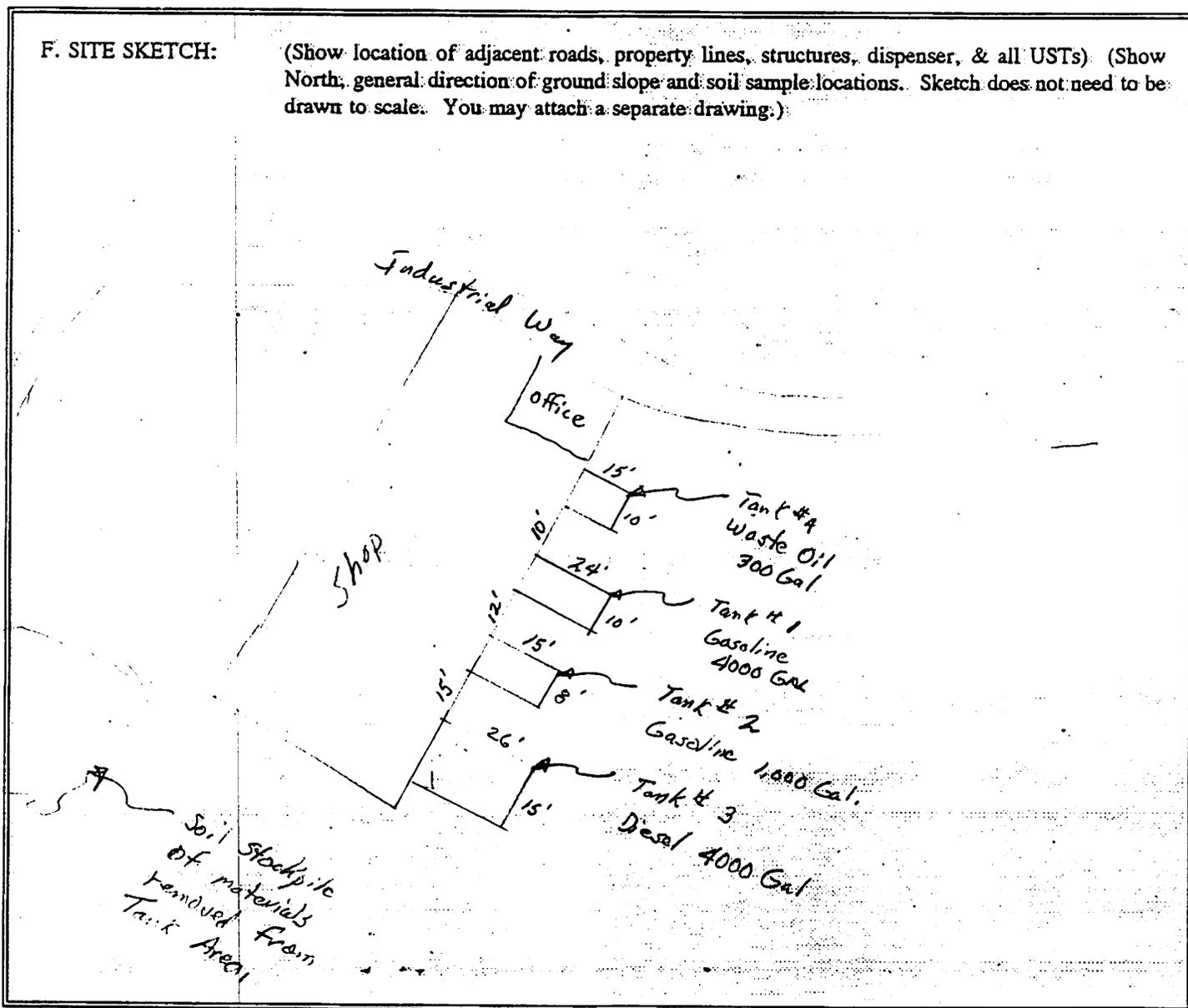
E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1	None	None	None	5	Coffey Laboratories, Inc., 12423 N.E. Whitaker Way, Portland, Ore 97230
2	None	None	None	5	
3	None	Diesel Smell	None	5	
4	None	None	None	1	

* 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.)



PIF

NWR

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING/CHANGE-IN-SERVICE 30 DAY NOTICE

FACILITY (Location of Tanks)	TANK OWNER
Name: <u>Jim Turin & Sons, Inc.</u>	Name: <u>Jim Turin & Sons, Inc.</u>
Address: <u>36775 Industrial Way</u>	Address: <u>P.O. Box 175</u>
<u>Sandy, OR 97055</u>	<u>Welches, OR 97067</u>
Phone: <u>668-5237</u>	Phone: <u>668-5237</u>
DEQ Facility I.D. Number: <u>3664</u>	
Work To Be Performed By: <u>Roger Sayles Excavating</u>	License # <u>10328</u>
(Owner or Licensed Service Provider)	
Phone: <u>630-7320</u>	Mobile Phone: <u>939-9769</u>

FORM MUST BE SUBMITTED BY UST OWNER OR OPERATOR 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on reverse)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes _____ No XX

Date decommissioning is scheduled to begin: _____

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 [∞] Inplace	Other [∞] Use	Yes*	No
1	DAFG	4,000	Gasoline		X				X
2	DAFH	1,000	Gasoline		X				XX
3	DAFJ	4,000	Diesel		X				X
4	DAFK				X				X

* If decommissioned tank(s) are to be replaced by new underground storage tanks you 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, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

Signature: *[Signature]* Date: 12-15-92
 (Owner or Operator)

May 26, 1992
Oregon DEQ

JUL 13 1994
UST Decommissioning/Change-In-Service 30 DAY NOTICE
NORTHWEST REGION

Department of Environmental Quality

RECEIVED

DEC 16 1992
 Page 1 of 2

UST Compliance Section

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

17. Contamination concerns fully resolved?
 18. Fill Material? Type: Crushed Gravel - Free Drain Sand

Yes	No	Unk	N/A
X			
X			

D. TANK REMOVAL:

19. Tank placement area cleared, chocks placed?
 20. Purged or ventilated tank to prevent explosion?
 Method used: _____ Meter reading: _____
 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?

X			
	X		
X			
X			

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: _____
 29. Was contamination reported to DEQ? By: Dan Turin
 Date/Time: 3/94 DEQ Staff: Rich Pass
 30. Was hazardous waste determination made for tank contents (Liquids/sludges)?

X			
			X
X	Non Present		

31. Disposal location of tank(s) contents.
 Name: _____ Date: _____
 Address: _____
No contents - less than 5 gals. Attach disposal receipt.

32. Disposal or recycling location of removed tank(s) and associated piping.
 Name: Jim Turin & Sons Date: _____
 Address: 36725 Industrial Way
Scio, Ore 97055 Attach disposal receipt.

} Stored @ removal Location

33. If tank(s) are intended to be reused, identify new tank site. Not at this time.
 Name: _____ Date: _____
 Address: _____
 Purpose of Reuse: N/A.

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 11159
Name: Cushing Bros Etc
Telephone: (503) 359-7413

DEQ Decommissioning Supervisor's License #: _____
Name: _____
Telephone: _____

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

Or FAX Completed and Signed Form to: (503) 229-6954

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

Signature: James R. Hudson Date: _____
(Licensed Supervisor)

Signature: [Signature] Date: _____
(Owner or Operator)

For information: (503) 229-5733 or Toll Free in Oregon UST HELPLINE 1-800-742-7878

Mailed: 7/15/94

DEQ FILE NO.: 03-94-124

SITE NAME: Jim Turin & Sons
SITE ADDRESS: 36775 Industrial Way
Sandy, OR 97055

RESPONSIBLE PARTY NAME: Dan Turin

RP COMPANY NAME: Jim Turin & Sons

MAILING ADDRESS: 36775 Industrial Way
Sandy, OR 97055

DATE RELEASE REPORTED TO DEQ: 2/17/94

A release has been reported from an underground storage tank (UST) system at your facility located at the address listed above. As the responsible party for the facility, you are required to clean up the release according to OAR 340-122-201 through 340-122-360.

An Initial Report Form for UST Cleanup Projects is enclosed, which needs to be completed and returned to this office within twenty (20) days from the date the release was reported. An outline of additional reporting requirements and due dates is also enclosed.

Please read the rules carefully. As the responsible party, you should be aware of the regulations and requirements, even if you have hired a qualified consultant or service provider to do the actual work.

Please reference the DEQ File Number listed in the top left corner of this letter in all future correspondence and reports.

The Department is required to recover oversight costs on projects that we review and provide a final notice of compliance or "closure letter". As provided in the law, all petroleum contamination sites are eligible for recovery of costs by the Department. In order to receive oversight and more effectively schedule your project you will be asked to sign, and return within 30 days, an agreement to pay oversight costs with the Department. Not entering into the agreement does not release you from responsibility for investigation and/or cleanup of the contamination. Please read the attached information on the cost recovery process; contact Darby Bacon at 503-229-6635 if you have questions on cost recovery.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any questions, please contact the UST Section of Northwest Region at 503-229-5263.

A copy of the UST Cleanup Manual
is enclosed

will be provided upon request

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION



2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice/TDD
DEQ-1

UST FIELD INSPECTION REPORT

Site Name: Jim Turin & Sons Date: 2-16-94 Total Time*: 2
 Site Address: 36775 Industrial Way *Include inspection, travel, paperwork
 File/Facility No.: 3664 Inspector: RHR

Others Onsite: Doug Turin
 include company name Co-owner

- Inspection Type
- Install/Retro
 - Decommission
 - UST Facility
 - Distrib. Audit
 - Cleanup
 - Soil Aeration
 - Complaint
 - Excav. Closure
 - FAP Application
 - (other)
- FAP Site? Y / N

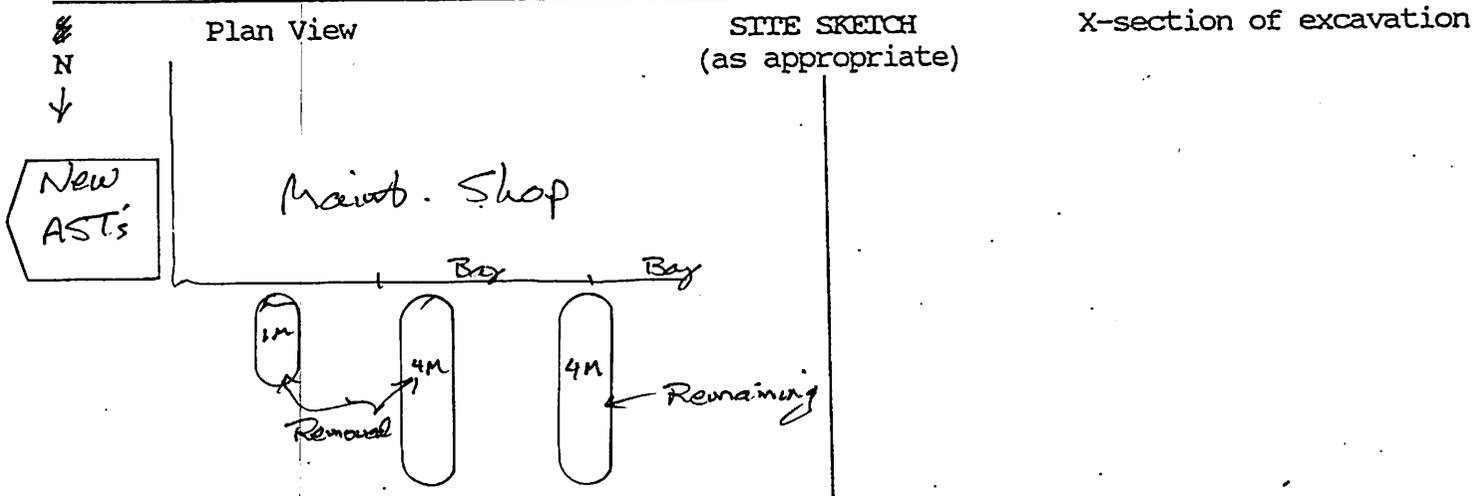
Supervisor License No.: _____ (note name with **)

Health & Safety Potential Site Hazards

Hazards Appraised? Y / N _____

Benzene Monitoring? Y / N
 (if yes, attach form) (use NOTES if more room needed)

INSPECTION RESULTS - IN COMPLIANCE? Y / N / NA



PHOTOS TAKEN? Y / N (attach) SAMPLES TAKEN? Y / N (attach results)

NOTES (use back of form as necessary)

Observed excavations (2) without UST's, (1) with. Minor contamination around fillneck of remaining UST, and odors (gasoline) in soil heap collected on adjacent lot. No groundwater, advised Doug

INSPECTION NOTES: (cont.)

to call in release (suspect) until confirmed or not
by lab samples. They would like to aerate on
lot or thermal treat at ^{their} asphalt facility.
I could not comment on thermal treat (burn)
soil, told him to research possibility.



2 15 2014



NO SMOKING

2 16 '94

2 16 '94



TELEPHONE USE REPORT

CALL FROM/TO: Janet Allied

DATE: 5-18-93

COMPANY/TITLE: Tim Turin & Sons

TIME: 10 20

PHONE NO.: 668-5237

(Circle for filing)

CITY: _____ COUNTY: _____

AQ Asbestos

WQ OSS

SW HW

General Spill

SUMMARY OF CALL:

Tanks are still in the ground. She does not know when they will be pulled or if still in use. Will have Dan Turin call back.

Dan Turin called and said that the tanks should be pulled within a few weeks. Will send 3 day notification. Work to be provide by Cushing Bros From Salem. Tanks are not in use. Above ground tanks in place.

Dan Turin
Signature

5-18
1115

PIF

NWR

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING/CHANGE-IN-SERVICE 30 DAY NOTICE

FACILITY (Location of Tanks)
Name: Jim Turin & Sons, Inc.
Address: 36775 Industrial Way
Sandy, OR 97055
Phone: 668-5237
DEQ Facility I.D. Number: 3664
Work To Be Performed By: Roger Sayles Excavating
(Owner or Licensed Service Provider)
Phone: 630-7320

TANK OWNER
Name: Jim Turin & Sons, Inc.
Address: P.O. Box 175
Welches, OR 97067
Phone: 668-5237
License # 10328
Mobile Phone: 939-9769

FORM MUST BE SUBMITTED BY UST OWNER OR OPERATOR 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on reverse)

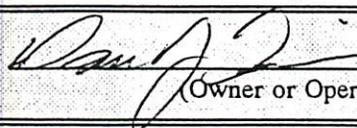
Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes No

Date decommissioning is scheduled to begin: _____

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 [∞] Inplace	Other [∞] Use	Yes*	No
1	DAFG	4,000	Gasoline		X				X
2	DAFH	1,000	Gasoline		X				XX
3	DAFJ	4,000	Diesel		X				X
4	DAFK				X				X

* If decommissioned tank(s) are to be replaced by new underground storage tanks you 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, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

Signature:  Date: 12-15-92
(Owner or Operator)

Department of Environmental Quality

RECEIVED
DEC 16 1992
Page 1 of 2

May 26, 1992
Oregon DEQ

UST Decommissioning/Change-In-Service 30 DAY NOTICE

UST Compliance Section

December 18, 1992

Facility ID No.: 3664

Dear Tank Owner/Permittee:

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

We received a decommissioning notice on December 16, 1992 for 4 underground storage tank(s) located at:

Jim Turin & Sons, Inc.
36775 Industrial Way
Sandy, OR 97055

Checking our records, it appears the tanks are registered, permit fees are current, and the contractor is licensed. You are required to confirm the date of removal with the appropriate regional office (see below) at least 72 hours prior to tank removal. If you have any further questions about your permit fees, facility information or DEQ Licensed Contractors please call Cindy Salter at (503) 229-5733.

An assessment must be conducted at all tank sites and contamination must be reported within 24 hours of discovery. OAR 340-122-301 through 340-122-360 contains the sampling requirements necessary when decommissioning underground storage tanks. As soon as contamination is identified in any manner, including observations of visible staining or odors, it must be reported. If obvious signs of contamination are present in the excavation, **DO NOT** wait until you receive the sample results to report the contamination.

If you need to report contamination or have any general questions regarding sit cleanup or UST compliance issues, please contact the regional office at the number listed below.

***** REMINDER:** The UST Decommissioning/Change-In-Service Report form and the UST Decommissioning Checklist form must be submitted within 30 days after completion of work.

Sincerely,



Cindy Salter
Office Specialist
UST Compliance Section
Hazardous & Solid Waste

cc: Northwest Region Office - 229-5263



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



UST Compliance Query

----- Facility -----

Facility ID 3664 SIC LUST facility Y
Facility Name JIM TURIN & SONS INC
Facility Address 36775 INDUSTRIAL WAY
City, ST Zip SANDY OR 97055
Comments

----- Tanks -----

Tank ID	1	Contents:	
Tank Status	REMOVED	Empty	
Date Decomm.	30-MAY-94	Petroleum	GASOLINE
Permit #	DAFG	Haz. Material	
Permit Status	TERMINATED	Unknown	
Installed	07-APR-79	Construction	STEEL
Gallons	4000	External Prot	PAINTED
Overfill			
Leak Detect	VISUAL, PRESSURE TEST,		

Count: 1

v

<Replace>

UST Compliance Query

----- Facility -----

Facility ID 3664 SIC LUST facility Y
Facility Name JIM TURIN & SONS INC
Facility Address 36775 INDUSTRIAL WAY
City, ST Zip SANDY OR 97055
Comments

----- Tanks -----

Tank ID	2	Contents:	
Tank Status	REMOVED	Empty	
Date Decomm.	30-MAY-94	Petroleum	GASOLINE
Permit #	DAFH	Haz. Material	
Permit Status	TERMINATED	Unknown	
Installed	07-APR-79	Construction	STEEL
Gallons	1000	External Prot	PAINTED
Overfill			
Leak Detect	VISUAL, PRESSURE TEST,		

Count: 2

^ v

<Replace>

UST Compliance Query

----- Facility -----

Facility ID 3664 SIC LUST facility Y
Facility Name JIM TURIN & SONS INC
Facility Address 36775 INDUSTRIAL WAY
City, ST Zip SANDY OR 97055

Comments

----- Tanks -----

Tank ID	3	Contents:	
Tank Status	REMOVED	Empty	
Date Decomm.	30-MAY-94	Petroleum	DIESEL
Permit #	DAFJ	Haz. Material	
Permit Status	TERMINATED	Unknown	
Installed	07-APR-80	Construction	STEEL
Gallons	4000	External Prot	PAINTED
Overfill			
Leak Detect	VISUAL, PRESSURE TEST,		

Count: 3

^ v

<Replace>

UST Compliance Query

----- Facility -----

Facility ID 3664 SIC LUST facility Y
Facility Name JIM TURIN & SONS INC
Facility Address 36775 INDUSTRIAL WAY
City, ST Zip SANDY OR 97055

Comments

----- Tanks -----

Tank ID	4	Contents:	
Tank Status	REMOVED	Empty	YES
Date Decomm.	30-MAY-94	Petroleum	
Permit #	DAGK	Haz. Material	
Permit Status	TERMINATED	Unknown	
Installed	07-APR-79	Construction	STEEL
Gallons	300	External Prot	PAINTED
Overfill			
Leak Detect	VISUAL, PRESSURE TEST,		

Count: *4

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<Replace>

----- Compliance Payments -----

Facility ID 3664
Facility Name JIM TURIN & SONS INC

Invoice ID	Status	Billed	Fee Received
UST94-01433	PAID	140	140
UST93-01619	PAID	100	100
UST92-01781	PAID	100	100
UST91-02003	PAID	100	100
UST90-02284	PAID	100	100
UST89-01380	PAID	100	100

Count: *6

<Replace>

* L U S T F O R M *

INCIDENT INFORMATION

LUST Incident Nbr: LUST Log Nbr: 03-94-124 UST Facility ID: 8664
Date Received: 2/17/94 Received By: AUP Emergency Resp Taken: Y
Tank Identification: File Name: Jim Turin & Sons
Street: 36775 INDUSTRIAL way
City: Sandy Zip: 97055
County: Phone: LUST

Incident Comments: Confirmed 7-14-92 by report 03-SR-94-05

CONTACT & MAIL TYPES

Reported By: Dan Turin LUST Contact: Responsible Party: Dan Turin
Company: Company: Company:
Street: Street: Street: SAME
City: Zip: City: Zip: City: Zip:
State: Phone: 6068-5237 State: Phone: State: Phone:

SITE ASSESSMENT

LUST Incident Nbr: (XXXXXXXXXXXX)
Date Investigated: Investigated By:
Release Exists: Y N Confirmation Method: A)Staff B)Lab:DEQ C)Lab:RP D)Lab:Other E)RP F)Other
Cleanup Necessary: Y N Regulated Tank: Y N Exposure Assessment: Y N
Off-Site Migration: Y N ? Estimated Gallons Released: Priority:
Discovery Date: 2/16/94
How Discovered: A)Routine Monitoring B)Inventory Control C)Decommissioning D)Site Assessment
E)Complaint F)Tank Test G)Other
Material Released: A)Unleaded Gasoline B)Leaded Gasoline C)Misc. Gasoline
D)Diesel E)Fuel Oil F)Waste Oil
G)Lubricant H)Solvent I)Bunker Fuel
J)Other Pet. Dist. K)Chemical L)Unknown
Source of Release: A)Tank Leak B)Pipe Leak C)Overfill D)Surface Spill
E)Pump/Valve Leak F)Other G)Unknown
Impacts: Soil Y N % ?
Groundwater Y N % ?
Surface Water Y N % ?
Drinking Water Y N % ?
Facility (Vapor) Y N % ?
Facility (Free Product) Y N % ?

Site Assessment Comments:

SITE MANAGEMENT

LUST Incident Nbr: (XXXXXXXXXXXX)
Date Released Stopped: Final Invoicing 10/18/01
Cleanup Activity: Start Date: Under Control Date: *site CLOSED/NFA 12-21-01
End Date: Contractor Name:
Cleanup Guideline: Matrix C.A.P. Cleanup Lead: RP SLW/TF SLW/OTF
Free Product Disposal: Est. Gallons: Soil Disposal: Est. Cu/Yds:
Resp. Party: Disposal Location: Removal Date:
Enforcement Action: Y N
Cost Recovery Initiated: Y N Source of Cost Recovery: Pct. R.P.:
Pct. SLW/TF:
Pct. SLW/OTF:
Estimations: Cost of Cleanup: Staff Time On Project:

Site Management Comments:

NWR UST CLEANUP SITE CHECKLIST
(for regional use only)

This site is:

- <40 ppm Matrix
- Regulated Tank
- Exempt Tank
- Oil Heat Commission eligible
- Other _____
(surface spill, non-petroleum UST, etc.)

Assign site to:

- Staff (your initials or staff for major RP)
- Unassigned at this time
(matrix only, soil aeration not anticipated)
- Needs to be tracked (supervisor to assign)
Reason:

Action:

- Send Initial Letter (with rules)
- Send Modified Letter (without rules)
- Send <40 ppm Letter (without rules)
- No letter required _____
(sending other letter, etc.)

Regulated Tank Information (Y/N):

- Tanks registered ID No. _____
- Decommissioning notice (30 day) received
- 3 day notice received
- Fees current
- New tanks to be installed

Misc. Notes: