

July 8, 1991

MR DAN COLE
GOODWILL INDUSTRIES
1831 SE 6TH AVENUE
PORTLAND OREGON 97214

Re: UST-Multnomah County
Goodwill Industries
File No. 26-90-459

Dear Mr. Cole:

The Department of Environmental Quality has completed its review of the information submitted to date concerning the gasoline cleanup conducted at 1831 SE 6th Avenue in Portland, Oregon. The Department has determined the cleanup appears to have met the requirements of the 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 judgement based on the regulations and facts as we now understand them, including:

1. Gasoline contamination was discovered during underground storage tank decommissioning.
2. Approximately 30 cubic yards of contaminated soil was removed from the excavation and aerated onsite. After aeration was complete, a maximum of 44 parts per million (ppm) total petroleum hydrocarbons (TPH) were detected in the soil. This is below the Matrix cleanup level of 80 ppm TPH established for the site.
3. Confirmatory soil sample analyses detected a maximum of 7 ppm TPH remaining in the excavation. This is below the cleanup level established for the site.
4. No groundwater was encountered in the excavation.



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



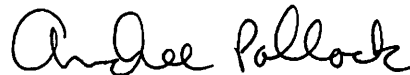
Mr. Dan Cole
July 8, 1991
Page 2

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 the petroleum product specifically addressed in the report. We recommend that a copy of this information be kept with the permanent facility records.

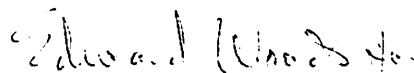
Please note that pursuant to OAR 340-122-360(2), a copy of your report must be retained until ten (10) years after the first transfer of the property.

Your efforts to comply with the regulations to ensure that your facility has been adequately cleaned up has been appreciated. Should you have any questions, please feel free to contact Andree Pollock at (503) 229-6923.

Sincerely,



Andree Pollock
UST Cleanup Specialist



Laurie J. McCulloch
Regional Supervisor
Northwest Region

cc: UST Cleanup Section-ECD
Bob Janak
SRH Environmental
P.O. Box 301008
Portland, Oregon 97230



While You Were Out

To

LG G

26-90-459

Date

1-14

Time

3:00

of

Bob Janak
SRH

called

Phone

252-8316



Telephoned



In person



Please call



Wants to see you



Will call again



Returned your call

Message

Goodwill - 10,000 gal Tonk
has been cleaned to matrix -
soils aerated - now being put back
into hole (25-30 yds)
Expecting report \approx 2 weeks.

Taken by

KK

1000 - 1000 - 1000

1000 - 1000 - 1000

1000 - 1000 - 1000

1000 - 1000 - 1000

1000 - 1000 - 1000

UNDERGROUND STORAGE TANK CLEANUP REPORT EVALUATION WORKSHEET

File Number: 26-90-459

Date Evaluated: 7-5-91

Site Name : Goodwill Industries

Evaluated By: AVP

Material released: ☒ gasoline ☐ diesel ☐ fuel oil
☐ waste oil ☐ Other ()

Was a Matrix evaluation conducted?

Yes ☒ No ☐

If yes, what cleanup level was established?

☐ Level 1 ☒ Level 2 ☐ Level 3

Gasoline Contamination

1. Were the highest concentrations of TPH above the cleanup level in the final samples taken?

Yes ☐ No ☒

Highest concentration 7 ppm

Diesel Contamination (or heavier)

1. Were the concentrations of TPH above 40 ppm?

Yes ☐ No ☐

If yes, was a HCID test conducted? Yes ☐ No ☐

2. Were the highest concentrations of TPH above the cleanup level in the final samples taken?

Yes ☐ No ☐

Highest concentration ppm

Waste Oil Contamination

1. Were the concentrations of TPH above 40 ppm?

Yes ☐ No ☐

If yes, was a HCID test conducted? Yes ☐ No ☐

2. Were the highest concentrations of TPH above the cleanup level in the final samples taken?

Yes ☐ No ☐

Highest concentration ppm

3. Were the following tests run on a contaminated sample?

EPA Method 8010

Yes ☐ No ☐

EPA Method 8080

Yes ☐ No ☐

TCLP for CA, Cr, Pb

Yes ☐ No ☐

General Information

Was groundwater encountered in the excavation? Yes ___ No X

If yes:

a) BETX on soil? Yes ___ No ___

Highest Results B ___ E ___ T ___ X ___ ppm

b) BETX on H₂O? Yes ___ No ___

Highest Results B ___ E ___ T ___ X ___ ppb

Time between pumping the excavation
and obtaining water samples: ___

c) Sheen on H₂O initially? Yes ___ No ___

After cleanup? Yes ___ No ___

Was a groundwater usage evaluation conducted? Yes ___ No Y

If yes, what were the results? _____

Was a pocket of contamination left in place? Yes ___ No X

If yes:

a) Was it sampled? Yes ___ No ___

Highest Concentration ___ ppm

b) Was the size and extent of the
pocket described/defined? Yes ___ No ___

Were the analytical results for all sampling
enclosed? Yes X No ___

Were the test methods appropriate? Yes X No ___

Were chain-of-custody forms enclosed? Yes X No ___

Was a site sketch enclosed? Yes X No ___

Was disposal documentation enclosed? Yes X No ___

Onsite treatment? Yes X No ___

Offsite treatment? Yes ___ No ___

Site address _____

Offsite disposal? Yes ___ No ___

Disposal location _____

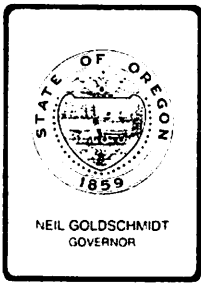
After Aeration
44 ppm TON
max

IS CLOSURE PROPOSED? Yes X No ___

If the information provided does not meet the
cleanup requirements exactly but closure is
recommended anyway, please list the reasons why.

Property transaction pending? Yes ___ No X ? ___

ADDITIONAL INFORMATION TO REQUEST: _____



Department of Environmental Quality

811 SW SIXTH AVENUE, PORTLAND, OREGON 97204-1390 PHONE (503) 229-5696

November 29, 1990

Don Cole
Goodwill Industries
1831 SE 6th Avenue
Portland, OR 97214

RE: UST - Multnomah County
Goodwill Industries
File No. 26-90-459

Dear Mr. Cole:

As required by Oregon Administrative Rules (OAR), on November 29, 1990 a release was reported from an underground storage tank (UST) system at your facility located at 1831 SE 6th Avenue in Portland, Oregon. As the owner of the facility, you are required to clean up the release according to OAR 340-122-201 through 340-122-360, "Cleanup Rules for Leaking Petroleum UST Systems and Numeric Soil Cleanup Levels for Motor Fuel and Heating Oil". A copy of these rules is enclosed.

The following is an outline of the reporting process required by the Northwest Region, Department of Environmental Quality:

1. If the cleanup is to be completed within 45 days of identifying the release, a single, final report can be submitted within 30 days of cleanup completion. This will satisfy the documentation requirements, provided you meet the provisions of OAR 340-122-360.
2. If cleanup cannot be completed within 45 days, submittal of an initial status report is required within 45 days of reporting the release. The report must summarize the findings to-date, outline your planned actions, and include anticipated dates of completion for each action. Additional interim reports may also be required depending on individual circumstances. A final report will be required within 30 days of completion of the project.

Please read the enclosed rules carefully. Note that one of the first things you must do is determine the scope of the problem in order to select the best method of remediation. The enclosed information will give you the guidance necessary to meet the specific documentation requirements for your site. As the owner, you should be aware of the regulations, even if you have hired a qualified consultant to do the actual work.

Please keep the Department up-to-date on activities at the site. This will help to expedite cleanup and closure of the site. File No. 26-90-459 has been assigned to this project. Please reference this number in all future correspondence.

Page Two

Removing contaminated soils to the matrix cleanup levels is only one of many options that you may wish to consider for your site. You may find the services of a qualified consultant helpful in evaluating different cleanup options. Cleanup options other than removal to matrix standards require that a Corrective Action Plan (CAP) be submitted to the Department for approval. If a CAP is appropriate for your site, additional information about this process may be obtained from the region.

The Department is required to recover costs from the responsible party for oversight of CAP cleanups. You will be notified if the Department determines that cost recovery will be implemented for your site. For general information about the cost recovery process, please contact Mr. Rick Silverman at (503) 229-6384.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any questions, please contact the Northwest Region at (503) 229-6385.

Sincerely,

UST CLEANUP SECTION
Northwest Region

enclosure

cc: UST Cleanup Section, ECD

RECEIVED DEC 6 1990

Department of Environmental Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

RECEIVED
DEC 07 1990
UST Compliance Section

PERMIT ADDENDUM FOR
PETROLEUM CONTAMINATED SOILS MANAGEMENT
ON-SITE AT FACILITY ADDRESS LISTED BELOW

1. PLEASE FILL OUT ALL PAGES TO THE BEST OF YOUR ABILITY AND SEND TO THE APPROPRIATE REGIONAL OFFICE. (See back for mailing addresses and phone numbers)
2. PLEASE PRINT CLEARLY AND PROVIDE ALL THE NECESSARY SIGNATURES
3. PLEASE CONTACT THE REGIONAL OFFICE FOR ASSISTANCE.

DEQ UST FACILITY: (LOCATION OF TANK
DECOMMISSIONING AND SOURCE OF SOILS.)

DEQ FACILITY NUMBER 6468

NAME Goodwill Industries

ADDRESS 1831 SE Sixth Ave

CITY Portland, OR ZIP 97214

TANK OWNER

GOODWILL INDUSTRIES OF THE

NAME COLUMBIA WILLAMETTE

ADDRESS 1831 S.E. Sixth Avenue

ADDRESS Portland, OR 97214-3579

PHONE (503) 238-6111

SIGNATURE Gordon I Smith

PROPERTY OWNER

GOODWILL INDUSTRIES OF THE

NAME COLUMBIA WILLAMETTE

ADDRESS 1831 S.E. 6th Avenue

ADDRESS Portland, OR 97214-3579

PHONE (503) 238-6111

SIGNATURE Gordon I Smith

PERMITTEE

GOODWILL INDUSTRIES OF THE

NAME COLUMBIA WILLAMETTE

ADDRESS 1831 S.E. Sixth Avenue

ADDRESS Portland, OR 97214-3579

PHONE (503) 238-6111

SIGNATURE Gordon I Smith

UNDERGROUND STORAGE TANK
PERMIT ADDENDUM

GOODWILL INDUSTRIES OF THE	
UST FACILITY NAME: COLUMBIA WILLAMETTE	UST FACILITY ID: 6468
UST FACILITY ADDRESS: 1831 S.E. Sixth Avenue	
Portland, OR	97214-3579
UST PERMIT NUMBERS:	PAGE 2 OF 4
(THIS BOX FOR DEQ USE ONLY)	
UST PERMIT AMENDMENT EXPIRATION DATE:	

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS
ON-SITE AT FACILITY ADDRESS LISTED ABOVE

PERMIT ADDENDUM APPLICATION DATE: 11-30-90

ESTIMATED VOLUME OF PETROLEUM-CONTAMINATED:
SOIL IN TONS OR CUBIC YARDS 25-30 cu yds

TYPE OF PETROLEUM CONTAMINATION CHECK ALL APPLICABLE

☒ GASOLINE ☐ DIESEL
☐ WASTE OIL ☐ HEATING OIL
☐ OTHER PETROLEUM (SPECIFY) _____

X APPROXIMATE SIZE OF PROPERTY:
ACRES _____, OR SQUARE FEET 6,000, OR DIMENSIONS _____

Bob Janak SRH Project Manager
(SIGNATURE OF UST SERVICE PROVIDER)

UST SERVICE PROVIDER LICENSE NUMBER: SRH - 434
Bob Janak - 671

UST OWNER OR PERMITEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

UNDERGROUND STORAGE TANK PERMIT ADDENDUM

GOODWILL INDUSTRIES OF THE	
UST FACILITY NAME: COLUMBIA WILLAMETTE	UST FACILITY ID: 6468
UST FACILITY ADDRESS: 1831 S.E. Sixth Avenue	
Portland, OR 97204-3579	
UST PERMIT NUMBERS:	PAGE 3 OF 4
(THIS BOX FOR DEQ USE ONLY)	
UST PERMIT AMENDMENT EXPIRATION DATE:	

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS ON-SITE AT FACILITY ADDRESS LISTED ABOVE

SPECIAL PERMIT CONDITIONS:

1. ON-SITE TREATMENT PERFORMANCE STANDARDS:
 - A. NO OBJECTIONABLE ODORS SHALL BE CREATED
 - B. NO FIRE HAZARD SHALL BE CREATED
 - C. SURFACE WATER RUNOFF OR RUN-ON SHALL BE CONTROLLED WITHIN THE TREATMENT AREA
 - D. GROUNDWATER AND SURFACES WATER SHALL BE PROTECTED
 - E. NON-CONTAMINATED SOILS SHALL BE PROTECTED
 - F. APPROPRIATE SITE SECURITY TO PREVENT UNAUTHORIZED ENTRY SHALL BE PROVIDED
2. DESCRIBE ON-SITE TREATMENT PROGRAM IN A WRITTEN, SUBMITTED REPORT WITHIN 30 DAYS OF STARTING CONSTRUCTION AND OPERATION OF ON-SITE TREATMENT PROGRAM. INCLUDE INITIAL PETROLEUM CONTAMINATIONS LEVELS USING SAMPLING PROCEDURES LISTED IN OAR 340-122-305 TO 340-122-315.
3. DEQ MAY REQUIRE WRITTEN PROGRESS REPORTS DOCUMENTING THE REDUCTION IN PETROLEUM CONTAMINATION. THE UST OWNER OR PERMITTEE SHALL PROVIDE A WRITTEN PROGRESS REPORT WITHIN 20 DAYS AFTER A DEQ REQUEST.
4. SUBMIT FINAL WRITTEN REPORT DOCUMENTING FINAL PETROLEUM CONTAMINATION LEVELS AND DISPOSITION OF TREATED SOILS.
5. NO OFF-SITE TREATMENT OR DISPOSAL OF PETROLEUM-CONTAMINATED SOILS IS AUTHORIZED BY THIS PERMIT ADDENDUM.
6. THIS PERMIT ADDENDUM DOES NOT AUTHORIZE THE VIOLATION OF ANY OTHER APPLICABLE STATE, FEDERAL OR LOCAL RULE.
7. DEQ SHALL BE NOTIFIED IF TREATMENT PROGRAM DEVIATES FROM PLAN.

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

UNDERGROUND STORAGE TANK PERMIT ADDENDUM

GOODWILL INDUSTRIES OF THE	
UST FACILITY NAME: COLUMBIA WILLAMETTE	UST FACILITY ID: 6468
UST FACILITY ADDRESS: 1831 S.E. Sixth Avenue	
Portland, OR 97214-3579	
UST PERMIT NUMBERS:	PAGE 4 OF 4
(THIS BOX FOR DEQ USE ONLY)	
UST PERMIT AMENDMENT EXPIRATION DATE:	

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS ON-SITE AT FACILITY ADDRESS LISTED ABOVE

SPECIAL PERMIT CONDITIONS (CONTINUED):

8. IF ACTUAL VOLUME OF PETROLEUM-CONTAMINATED SOILS EXCEEDS ESTIMATED VOLUME BY 25 PERCENT, DEQ SHALL BE NOTIFIED IN WRITING OF ACTUAL VOLUME DISPOSED OF WITHIN 30 CALENDAR DAYS.

9. BY THEIR SIGNATURES, THE PROPERTY OWNER, TANK OWNER AND PERMITTEE LISTED ON PAGE 1 OF 4 OF THIS PERMIT APPLICATION/ADDENDUM CERTIFY THEY HAVE READ AND UNDERSTAND THE SPECIAL CONDITIONS LISTED IN THIS ADDENDUM.

10. OTHER SPECIAL CONDITIONS: NONE

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

* L U S T F O R M *

INCIDENT INFORMATION

LUST Incident Nbr: _____ LUST Log Nbr: 26-90-459 UST Facility ID: 6468
 Date Received: 11/29/90 Received By: LG Emergency Resp Taken: Y ☒
 Tank Identification: File Name: Goodwill Industries
 Street: 1831 SE 6th Ave
 City: Portland Zip: 97214
 County: Mult Phone: _____

*1 Tank removed
10,000 gal*

Incident Comments: _____

CONTACT & MAIL TYPES

Reported By: Bob Janak LUST Contact: _____ Responsible Party: Director of Operations
 Name: _____ Name: _____ Name: Dan Cole
 Company: SRH Company: _____ Company: Goodwill Industries
 Street: P.O.B 301008 Street: _____ Street: Some
 City: Portland Zip: 97230 City: _____ Zip: _____ City: _____ Zip: _____
 State: OR Phone: 252-8316 State: _____ Phone: _____ State: _____ Phone: 238-6190

SITE ASSESSMENT

LUST Incident Nbr: (XXXXXXXXXXXXXX)
 Date Investigated: 7-5-91 Investigated By: AVP By Report
 Release Exists: ☒ N Confirmation Method: A)Staff B)Lab:DEQ ☒ C)Lab:RP D)Lab:Other E)RP F)Other
 Cleanup Necessary: ☒ N Regulated Tank: ☒ N Exposure Assessment: Y ☒
 Off-Site Migration: Y ☒ ? Estimated Gallons Released: 1216 Priority: 7
 Discovery Date: 11/28/90
 How Discovered: A)Routine Monitoring B)Inventory Control ☒ C)Decommissioning D)Site Assessment
 (Circle) E)Complaint F)Tank Test G)Other
 Material Released: A)Unleaded Gasoline B)Leaded Gasoline ☒ C)Misc. Gasoline
 (Circle) 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
 (Circle) E)Pump/Valve Leak F)Other G)Unknown
 Impacts: Soil ☒ N X ?
 (Circle) Groundwater Y ☒ X ?
 Surface Water Y ☒ X ?
 Drinking Water Y ☒ X ?
 Facility (Vapor) Y ☒ X ?
 Facility (Free Product) Y ☒ X ?

Site Assessment Comments: Stack piled onsite - 30-40 yds

SITE MANAGEMENT

LUST Incident Nbr: (XXXXXXXXXXXXXX)
 Date Released Stopped: 11/28/90
 Cleanup Activity: Start Date: 11/28/90 Under Control Date: 11/28/90
 End Date: 12/13/90 Contractor Name: SRH
 Cleanup Guideline: ☒ Matrix C.A.P. Cleanup Lead: ☒ RP SLW/TF SLW/oTF
 (Circle) Free Product Disposal: _____ Soil Disposal: _____
 Est. Gallons: _____ Est. Cu/Yds: 30
 Resp. Party: _____ Resp. Party: SRH
 Disposal Location: _____ Disposal Location: Onsite anaerobic
 Removal Date: _____ Removal Date: _____
 Enforcement Action: Y ☒ Source of Cost Recovery: _____ Pct. R.P.: _____
 (Circle) Cost Recovery Initiated: Y ☒ Pct. SLW/TF: _____
 Pct. SLW/oTF: _____

Estimations: Cost of Cleanup: _____ Staff Time On Project: 2

Site Management Comments: _____

* closed 7/8/91 *

Dept. of Environmental Quality
RECEIVED
FEB 7 1991

UST REMOVAL REPORT

NORTHWEST REGION

**Goodwill Industries
1831 SE Sixth Avenue
Portland, Oregon 97214**

UST REMOVAL REPORT

Goodwill Industries
1831 SE Sixth Avenue
Portland, Oregon 97214

January 29, 1991

Prepared For:

Mr. Gordon Smith
Goodwill Industries
1831 SE Sixth Avenue
Portland, Oregon 97214

Prepared By:

SRH Environmental Management
PO Box 301008
Portland, Oregon 97230
(503) 252-8316

SRH Project Manager: Bob Janak
SRH PN: 3-2358

INTRODUCTION

On October 9, 1990, Goodwill Industries retained SRH Environmental Management (SRH) to remove one 10,000-gallon gasoline underground storage tank (UST) at 1841 SE Sixth Avenue in Portland, Oregon. The field work portion of this project was completed November 28 through November 30, 1990. This report summarizes the underground storage tank removal activities.

LICENSES/PERMITS

SRH and the project manager are licensed by the Oregon Department of Environmental Quality (DEQ) to perform UST services in the State of Oregon. Copies of these licenses are presented in Appendix A.

Prior to removal of the UST, a 30-day notification was given in writing to the Department of Environmental Quality, and a City of Portland Fire Marshal permit was obtained. Copies of the notification and permit are presented in Appendix A.

PRE-EXCAVATION ACTIVITIES

A site safety meeting was conducted, and the safety hazards associated with the project were reviewed with on-site personnel prior to starting removal of the UST.

The tank to be decommissioned was emptied of all accessible product by Goodwill Industries. The UST was tested for flammable vapors using a GasTech Combustible Gas Indicator/Oxygen Meter. The tank was cleaned by triple rinsing with water. The rinsate was removed by NW Construction's vacuum truck and transported to Fuel Processors for recycling. A copy of the rinsate disposal receipt is presented in Appendix B.

The tank was purged of flammable vapors using carbon dioxide (15 lbs. of dry ice for every 1,000 gallons of tank capacity) and monitored for the presence of a combustion hazard using the GasTech.

EXCAVATION ACTIVITIES

The asphalt and gravel surface covering the tank was removed using a trackhoe. As the tank and product and vent piping were exposed, the pipes and surrounding soils were inspected for visual and olfactory evidence of contamination. When sufficient soils had been removed, the UST was removed from the excavation. Soils containing residual hydrocarbons were observed around the upper portion of the tank fill pipes and vent and

product lines. The soils containing visible residual hydrocarbons was removed and stockpiled separately from the visible clean material. Fill media above and surrounding the tank were removed and visually and olfactorily inspected for visible residual hydrocarbons. Visible residual hydrocarbons were observed in soils in the north, east, and west walls of the UST excavation zone.

Following removal of the 10,000-gallon gasoline tank, a fill pipe, vent pipe, and a 3/4-inch pipe, located next to the building at the north side of the lot, was observed by SRH. The presence of these features indicated that another UST could be present. Goodwill informed SRH that, in the past, there had been a house on the property. SRH proposed a limited exploratory investigation to confirm the presence of an underground storage tank, and approval for the investigation was granted by Goodwill Industries. The lines were exposed and traced to a 1,000-gallon underground storage tank. The tank was inspected and found to be empty and dry. Evidence suggested that the tank was an old heating oil tank used in conjunction with the house which previously occupied the site. Oregon law and regulations exempt heating oil tanks from regulation. SRH confirmed with Loren Garner of the DEQ that the 1,000-gallon tank, used by the house which previously occupied the site, was exempt. SRH inspected and tested the tank for flammable vapors with the GasTech Combustible Gas Indicator. No flammable vapors were present, and SRH removed this tank and disposed of it at Schnitzer Steel along with the 10,000-gallon gasoline tank. The tank's disposal receipt is incorporated with the 10,000-gallon tank disposal receipt.

INSPECTION OF THE TANK AND EXCAVATION

Upon removal of the gasoline tank, both the tank and the excavation were inspected for evidence of a release. Visible residual hydrocarbons were observed in the soils in the north, east, and west walls of the UST excavation. The east wall had visual and olfactory evidence of residual hydrocarbons in the soil at the 11-foot depth, and the north and west walls had visual and olfactory evidence of soil containing residual hydrocarbons in near-surface areas.

Following removal, the tank was tested with a GasTech Combustible Gas Indicator to assure non-explosive vapor levels in the tank. The end of the tank was then removed and the interior inspected and found to be clean. The tank was loaded onto a trailer and transported to Schnitzer Steel for disposal. A copy of the tank disposal receipt is presented in Appendix C.

Inspection of the second tank excavation showed no signs of visual or olfactory evidence of soils containing residual hydrocarbons.

Loren Garner, with the Oregon DEQ, was notified of the petroleum release at this site.

REMOVAL OF SOILS CONTAINING RESIDUAL HYDROCARBON

After removal of the 10,000-gallon UST, there was visual evidence of soils containing residual hydrocarbons on the north, east, and west walls of the tank excavation area. Approximately 30 cubic yards of soil containing residual hydrocarbons were excavated and stockpiled on-site. The extent of soils containing residual hydrocarbons appeared limited in the walls of the excavation. There was no visual evidence of soils containing residual hydrocarbons on the floor of the excavation. Groundwater did not enter the excavation.

Soils containing residual hydrocarbons was stockpiled on-site and were aerated. Discussion of the disposition of these soils occurs later in this report. The "Permit Addendum for Petroleum Contaminated Soil Management" was completed and sent to the Regional DEQ office. A copy of this permit is presented in Appendix C.

SAMPLING OF THE EXCAVATION

Following removal of the soils containing residual hydrocarbons from the excavation formerly occupied by the 10,000-gallon tank, soil samples were obtained from all four walls and the floor of the excavation. Samples were also collected from the floor of the second excavation which was formerly occupied by the 1,000-gallon tank. Soil samples were obtained in the following manner:

Using the bucket of the trackhoe, the top six inches of soil was scraped away to allow access to the soils from the area below the tank and the sidewalls. The lid was removed from a clean, 8-ounce sample jar and the sampler, wearing a latex glove, obtained soils from the bucket of the trackhoe, pressing the soils into the jar. The jar was filled completely and the soil compressed into the jar. The jar threads were cleaned, and the lid immediately screwed into place. The samples were then labeled, the chain-of-custody form was completed, and the samples were put on ice and transported to Coffey Laboratories. These samples were analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Test Method 418.1 (modified for soils). The results are presented below.

Gasoline Tank Excavation

Sample ID	Location	TPH in ppm*
#1	South Floor	6
#2	North Floor	Trace, <5
#5	West Wall	None Detected
#6	North Wall	Trace, <5
#7	East Wall	None Detected
#8	South Wall	Trace, <5
#9	Stockpiled Soil	7

*ppm - parts per million

Heating Oil Tank

Sample ID	Location	TPH in ppm*
#3	West floor	Trace, <5
#4	East Floor	Trace, <5

*ppm - parts per million

Copies of the chain-of-custody documentation and laboratory analytical results, along with the site map, are presented in Appendix D.

EVALUATION OF DEQ SOIL MATRIX CLEANUP LEVELS

The DEQ has established a matrix for evaluation of soil cleanup requirements applicable to releases from underground storage tanks. The matrix takes into consideration five parameters: (1) depth to groundwater, (2) mean annual precipitation, (3) native soil type, (4) sensitivity of the uppermost aquifer, and (5) potential receptors. This evaluation was completed in accordance with Oregon Administrative Rules (OAR) 340-112-301 to 340-122-360.

EVALUATION PARAMETERS

- 1) Depth to groundwater: Based on information contained in Ground Water in the East Portland Area, published by the US Geological Survey in 1965, and our experience for other projects in the area, the depth to groundwater has been shown to be less than 25 feet below ground surface.

MATRIX SCORE: 10

- 2) Mean annual precipitation: According to information contained in Oregon Environmental Atlas, published by the Oregon Department of Environmental Quality in 1988, the mean annual precipitation in the southeast Portland area exceeds 40 inches per year.

MATRIX SCORE: 10

- 3) Native soil type: Based on field data generated by SRH, the native soil beneath the Goodwill Industries facility consists of silts and sands.

MATRIX SCORE: 10

- 4) Sensitivity of uppermost aquifer: Based on information contained in Ground Water in the East Portland Area, published by the US Geological Survey in 1965, the uppermost aquifer is considered potable but is not currently used for drinking water. Water service to the area is provided by the City of Portland.

MATRIX SCORE: 7

- 5) Potential receptors: Based on information contained in Ground Water in the East Portland Area, published by the US Geological Survey in 1965; (a) the distance to the nearest water well is about 1/2 mile. This well was drilled in 1946 for a Dairy Cooperative which is no longer in business and the disposition of the well is unknown. A search of the USGS data indicates that there are no drinking water wells in the area and that only the one well is within a mile of the site. It is estimated several thousand people live within a mile of the site. However, the area has been served by the City of Portland water system since well before 1900; therefore, the potential impact on the local population by any release into the ground, and subsequently into the groundwater, is minimal. (This interpretation of Potential Receptors was suggested and approved by Loren Garner of the DEQ).

MATRIX SCORE: 1

TOTAL MATRIX SCORE: 38

The Matrix Evaluation for the Goodwill Industries facility indicates that Level 2 Standards (80 ppm for gasoline and 500 ppm for diesel) apply, as outlined in OAR 340-122-335(2). A copy of the Matrix Score Sheet is presented in Appendix E.

The sample results on Samples 1-8 show the levels of TPH are below the Soil Matrix Cleanup levels for this site and no further action is required at this time. Analytical results of Sample 9, which was collected from the soils containing residual hydrocarbons, are below the Soil Matrix Cleanup level. However, field observations indicated that soils containing substantial residual hydrocarbons are actually present in the stockpiled soil.

AERATION AND SAMPLING OF STOCKPILED SOILS CONTAINING RESIDUAL HYDROCARBONS

On November 29, 1990, the soils containing residual hydrocarbons was spread out on visqueen, on-site, for aeration. When weather permitted, Goodwill Industries uncovered these soils for more effective aeration. On December 31, 1990, these soils were re-sampled for the presence of TPH. Soil samples were obtained from the thickest portions of the stockpile in the following manner:

Using a shovel, pits were hand-dug 18 to 24 inches deep. The lid was removed from a clean, 8-ounce sample jar, and the sampler, wearing a latex glove, obtained soils from the bottom of the pit and pressed the soils into the jar. The jar was filled completely and the soil compressed into the jar. The jar threads were cleaned and the lid immediately screwed into place. The samples were then labeled, the chain-of-custody form was completed, and the samples were put in a cooler with ice and transported to Coffey Laboratories.

These samples were analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Test Method 418.1 (modified for soils). The results are presented below.

Sample ID	Location	TPH in ppm*
#1	South	5
#2	West	7
#3	North West	5
#4	North	44

* ppm - parts per million

Copies of the chain-of-custody documentation and laboratory analytical results, along with site map, is presented in Appendix F.

The analytical results for Samples 1-4 show that the TPH levels are below the Soil Matrix Cleanup levels for this site (see Matrix Score Sheet in Appendix E), and no further action is required at this time. However, according to the DEQ and OAR, restrictions remain concerning the disposal of these soils. These soils may only be disposed of at an approved landfill, with supporting documentation of TPH and HCID levels, or used as fill on the Goodwill Industries premises. If the soils are used as fill, the soil must be placed above the seasonal high water table mark (which could reach a level of 12 feet below surface) and covered by enough clean soil to prevent future human contact.

SUMMARY

On November 28, 1990, SRH decommissioned two USTs for Goodwill Industries at 1831 SE Sixth Avenue in Portland, Oregon. Approximately 30 cubic yards of soil containing residual hydrocarbons were removed and stockpiled on-site for aeration. Sample results indicated that the TPH levels remaining in the excavation zone are below the current Soil Matrix Evaluation Cleanup Levels for this site, and no further action is required.

The soils containing residual hydrocarbons were aerated on-site until TPH levels were below the Soil Matrix Evaluation Cleanup Levels for this site. The soils were then put back into the previous tank excavation, above the seasonal high water table but deep enough to avoid human contact. No further action is required at this site at this time.

LIMITATIONS

The observations, interpretations, conclusions, and recommendations presented in this report are professional opinions based on the data described in this report. They are based on the assumption that the site conditions do not deviate from those encountered in this study. If any variations are encountered during any further investigations or excavations for this project, SRH should be notified so that supplemental interpretations can be made. The observations and interpretations of this report are intended only for the Goodwill Industries site and the conditions described, and must not be extended to adjacent areas.

The findings of this report are valid for the dates of investigation described and under the conditions of the site at the time the observations and testing were performed. However, changes in the conditions of the subject property, neighboring properties, or changes in applicable standards which may occur with the passage of time, whether they result from natural processes, legislation, or the broadening of knowledge, may affect the conclusions offered in this report. Accordingly, the observations and findings presented in this report may be invalidated by changes outside of our control.

LIST OF APPENDICES

Appendix A	Licenses/Permits
Appendix B	Disposal Receipts
Appendix C	Permit Addendum for Petroleum Contaminated Soil Management
Appendix D	Laboratory Results, Chain-of-Custody, and Site Map
Appendix E	Matrix Checklist and Score Sheet
Appendix F	Contaminated Soil Sample Results, Chain-of-Custody, and Site Map

APPENDIX A

LICENSES/PERMITS

State of Oregon
Department of Environmental Quality
SRH Associates, Inc.
12245 N.E. Whitaker Way
Portland, OR 97230

Issued: 09/01/89

<u>License</u>	<u>Expires</u>
434	01-Sep-91

This license allows the named firm to
provide Underground Storage Tank services
when a licensed UST supervisor is
on site.





Department of Environmental Quality

811 SW SIXTH AVENUE, PORTLAND, OREGON 97204-1390 PHONE (503) 229-5696

Date: 12/21/90

Janak, Bob
2035 N.W. 14th St.
Gresham, OR 97030

RE: UST Supervisor License

You are licensed in the state of Oregon under the provisions of OAR 340--160--005 through 340--160--150 to supervise the conduct of services for Regulated Underground Storage Tanks with valid permits while employed by a licensed UST Service Provider.

Your license to supervise specific regulated activities is valid until the expiration dates shown below. It does not license you to act as an UST Service Provider in Oregon.




Your license card must be available on demand for inspection whenever you are working as an UST Services Supervisor.

Sincerely,

Richard P. Reiter
Manager, UST Compliance Section

Please: Cut Out The License Card And Laminate It In Plastic.

Oregon Department of Environmental Quality		Issued: 12/21/90								
Janak, Bob 2035 N.W. 14th St. Gresham, OR 97030	<table><thead><tr><th>Lic#</th><th>Expires</th><th>Licensed Services</th></tr></thead><tbody><tr><td>671</td><td>01-SEP-91</td><td>DECOMMISSIONING</td></tr><tr><td>1504</td><td>01-JAN-93</td><td>UST SOIL CLEANUP</td></tr></tbody></table>	Lic#	Expires	Licensed Services	671	01-SEP-91	DECOMMISSIONING	1504	01-JAN-93	UST SOIL CLEANUP
Lic#	Expires	Licensed Services								
671	01-SEP-91	DECOMMISSIONING								
1504	01-JAN-93	UST SOIL CLEANUP								
<p>This license allows the licensee to supervise Underground Storage Tank Services in Oregon.</p>										



* MUST BE SUBMITTED 30 DAYS IN ADVANCE OF DECOMMISSIONING *

**NOTICE OF UNDERGROUND STORAGE TANK
PERMANENT DECOMMISSIONING**

Facility

Name Goodwill Industries
Address 1831 SE Sixth Ave
Portland, OR 97214-3579

Phone (503) 238-6116
Facility ID Number ?

Tank Owner

Name Goodwill Industries
Address 1831 SE Sixth Ave
Portland, Oregon 97214-3579

Phone (503) 238-6116

Permanent Decommissioning Performed By:

Company SRH Environmental Management Phone (503) 252-8316
Scheduled Date for Permanent Decommissioning 11-13-90
Method to be used: Removal ☒ In-Place ☐ Fill Material ☐

Tanks to be Decommissioned

Tank ID#	DEMTT #	Tank Size	Last Product Stored
<u>?</u>	<u>?</u>	<u>10,000 gallon</u>	<u>Gasoline</u>

Are the decommissioned tanks to be replaced by new underground storage tanks? Yes ☐ No ☒
If yes, please submit a new permit application containing information on the new tanks.

Where and how will the old tanks be disposed?

Scrap	Name <u>Mt. Hood Metals</u>	Location <u>Portland, Oregon</u>
Landfill	Name _____	Location _____
Stored	Name _____	Location _____
Other	Comment _____	

Signature Bali Jank (SRH) Date 10-9-90

Return Completed Form To:

Department of Environmental Quality
UST Program - Decommissioning Notice
811 SW Sixth Ave.
Portland, Oregon 97204

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

Mailed
10/9/90

City of Portland
FIRE PREVENTION DIVISION
55 S.W. Ash Street
Portland, OR 97204 Phone: 248-0203

PERMIT NUMBER 901505
FEE AMOUNT \$89.55

CODE 19D(1)

Subject to the compliance with the ordinances of the City of Portland, permission is hereby granted for the installation of:

☐ NEW INSTALLATION ☐ ADDITION ☐ ALTERATION ☐ REPAIR ☒ REMOVE
☒ LIQUIDS/TANKS ☐ L.P.G. ☐ COMPRESSED GASES ☐ DRY CLEANING PLANTS ☐ PAINT SPRAY BOOTHS

Located at 1831 SE 6TH AVENUE - GOODWILL INDUSTRIES

Contractor SRH ASSOCIATES

Permit Issued 11-21 19 90

Fire Marshal

By LYNN C. DAVIS

INSPECTION RECORD:

DATE INSPECTOR OTHER

APPROVE TANK/CYLINDER LOCATION
APPROVE PIPING AND VALVES
PRESSURE TEST WITNESSED
OK TO COVER

<i>[Signature]</i>	<i>[Signature]</i>	

FINAL APPROVAL

11-28-90 *[Signature]*
DATE INSPECTOR

NOTE: Keep card conspicuously posted on premises until job is completed and final inspection made.
Request for final must be made within 14 days after completion of work.

Permit valid for 180 days only

Date 11-21 19 90 Cash Check 0006381

T *[Signature]*

Received of SRH ASSOCIATES

The sum of EIGHTY NINE & 55/100 \$ 89.55

300.151 Rev. 4-89

By *[Signature]*

APPENDIX B

DISPOSAL RECEIPTS

QUAD
211539

Carrier's No.**Carrier**

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the water carrier being understood throughout this contract as meaning either a vessel or corporation) has agreed to transport by sea under bill of lading to the place of destination, if on the date hereof it is the route to said destination. It is hereby agreed that each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at this time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

State

County

Delivery Address ★

(★ To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Roule

Delivering Carrier

Car or Vehicle Initials

38919 T

No.

No. of Packages	HAZ. MAT.	Kind of Package, Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Car.)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
		RINSE ^g tc from 10,000 gallon gasoline TANK	700 gallon			(Signature of Consignor) If charges are to be prepaid, write or stamp here, "to be prepaid".
		PLACARDS PROVIDED FOR THIS LOAD				Received \$ _____ to apply in prepayment of the charges on the property described hereon

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

¶ If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

1 "The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the U.S. Freight Classification."

1 Shipper's invoice or bill of lading; not a part of bill of lading approved by the Interstate Commerce Commission.

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "to be Prepaid"

Received \$ _____ to supply in
prepayment of the charges on the property
described hereon

Agent or Cashier

Per _____
(the signature here acknowledges only the amount prepaid)

Chorng-Hong Advanced

§

Shipper, Per.

Agent, Per

Permanent post-office address of shipper.

65696 REDIFORM.

Poly Pak (50 sets) 6P696

GOODWILL - PO# 01-1849
PHASE I

RECEIVING RECORD

6117

1413

RECEIVED FROM N. W. CONSTRUCTION
ADDRESS

PURCHASE ORDER NO. OR RETURNED GOODS	FREIGHT BILL NO.	DATE 12/3/90
VIA N. W. CONSTRUCTION	PREPAID	COLLECT

QUANTITY	ITEM NUMBER	DESCRIPTION
1 2185		GALS. P.S. 300 / WATER
2 .30		
3 655.50		Charge
4		75.4% H₂O
5		
6		50 % SOLIDS
7		
8		
9		# 7
10		
11		
12		Xc 96/11 / order

REMARKS: CONDITIONS, ETC.

NO. PACKAGES	WEIGHT	RECEIVED BY BS.	CHECKED BY	DELIVERED TO
--------------	--------	---------------------------	------------	--------------


REDIFORM™
2L260 / 01260

BE SURE TO MAKE THIS
RECORD ACCURATE AND COMPLETE

CARBONLESS

687-2040

Martinson Kevin
N.O. Const.
OK per Tel- JCB

SCHNITZER STEEL PRODUCTS CO. INTERNATIONAL TERMINAL 12005 N. BURGARD, PORTLAND, OR 97203 (503) 286-5771		BILL OF SALE NO. FE- 612956	
CONTRACT NUMBER		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 SCHNITZER STEEL PROD. CO. AGAINST ALL CLAIMS.	
VENDOR NUMBER	COMMODITY NUMBER <i>103</i>	COMMODITY DESCRIPTION	
G N 41400 6 lb 02:40 PM 11/28/90		◀ G	
TA 32280 6 lb 03:12 PM 11/28/90		◀ T	
N 9120		◀ N	
BILL OF SALE I hereby state that I am the lawful owner of the material described hereon, that I have a right to sell same and that for payment received in full, hereby acknowledged, I sell and convey title of same to SCHNITZER STEEL PRODUCTS CO. <i>X Kevin Martinson</i>		PRICE <i>63-</i>	EXTENDED <i>287.28</i>
CARRIER		TRACTOR NO. <i>Blue Conv.</i>	WEIGHER <i>[Signature]</i>
			TIME
CUSTOMER			

S1009

APPENDIX C

PERMIT ADDENDUM FOR PETROLEUM CONTAMINATED SOIL MANAGEMENT

RECEIVED DEC 3 1990

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAMPERMIT ADDENDUM FOR
PETROLEUM CONTAMINATED SOILS MANAGEMENTON-SITE AT FACILITY ADDRESS LISTED BELOW

PLEASE FILL OUT ALL PAGES TO THE BEST OF YOUR ABILITY AND SEND TO THE
APPROPRIATE REGIONAL OFFICE. (See back for mailing addresses and phone numbers)

PLEASE PRINT CLEARLY AND PROVIDE ALL THE NECESSARY SIGNATURES

3 PLEASE CONTACT THE REGIONAL OFFICE FOR ASSISTANCE.

DEQ UST FACILITY: (LOCATION OF TANK
DECOMMISSIONING AND SOURCE OF SOILS)

DEQ FACILITY NUMBER 6468

NAME Goodwill Industries

ADDRESS 1831 SE Sixth Ave

CITY Portland, OR ZIP 97214

TANK OWNER

GOODWILL INDUSTRIES OF THE
NAME COLUMBIA WILLAMETTE

ADDRESS 1831 S.E. Sixth Avenue

ADDRESS Portland, OR 97214-3579

PHONE (503) 238-6111

SIGNATURE Portland T Smith

PROPERTY OWNER

GOODWILL INDUSTRIES OF THE
NAME COLUMBIA WILLAMETTE

ADDRESS 1831 S.E. 6th Avenue

ADDRESS Portland, OR 97214-3579

PHONE (503) 238-6111

SIGNATURE Portland T Smith

PERMITTEE

GOODWILL INDUSTRIES OF THE
NAME COLUMBIA WILLAMETTE

ADDRESS 1831 S.E. Sixth Avenue

ADDRESS Portland, OR 97214-3579

PHONE (503) 238-6111

SIGNATURE Portland T Smith

UNDERGROUND STORAGE TANK PERMIT ADDENDUM

GOODWILL INDUSTRIES OF THE	
UST FACILITY NAME: COLUMBIA WILLAMETTE	UST FACILITY ID: 6468
UST FACILITY ADDRESS: 1831 S.E. Sixth Avenue	
Portland, OR 97214-3579	
UST PERMIT NUMBERS:	PAGE 2 OF 4
(THIS BOX FOR DEQ USE ONLY)	
UST PERMIT AMENDMENT EXPIRATION DATE:	

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS

ON-SITE AT FACILITY ADDRESS LISTED ABOVE

PERMIT ADDENDUM APPLICATION DATE: 11-30-90

ESTIMATED VOLUME OF PETROLEUM-CONTAMINATED:
SOIL IN TONS OR CUBIC YARDS 25-30 cu yds

TYPE OF PETROLEUM CONTAMINATION CHECK ALL APPLICABLE

☒ GASOLINE ☐ DIESEL
☐ WASTE OIL ☐ HEATING OIL
☐ OTHER PETROLEUM (SPECIFY) _____

APPROXIMATE SIZE OF PROPERTY:

ACRES _____ OR SQUARE FEET 6,000 OR DIMENSIONS _____

Bob Jank SRH Project Manager
(SIGNATURE OF UST SERVICE PROVIDER)

UST SERVICE PROVIDER LICENSE NUMBER: SRH - 434
Bob Jank - 671

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

UNDERGROUND STORAGE TANK PERMIT ADDENDUM

GOODWILL INDUSTRIES OF THE	
UST FACILITY NAME: COLUMBIA WILLAMETTE	UST FACILITY ID: 6468
UST FACILITY ADDRESS: 1831 S.E. Sixth Avenue	
Portland, OR 97204-3579	
UST PERMIT NUMBERS:	PAGE 3 OF 4
(THIS BOX FOR DEQ USE ONLY)	
UST PERMIT AMENDMENT EXPIRATION DATE:	

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS ON-SITE AT FACILITY ADDRESS LISTED ABOVE

SPECIAL PERMIT CONDITIONS:

1. ON-SITE TREATMENT PERFORMANCE STANDARDS:
 - A. NO OBJECTIONABLE ODORS SHALL BE CREATED
 - B. NO FIRE HAZARD SHALL BE CREATED
 - C. SURFACE WATER RUNOFF OR RUN-ON SHALL BE CONTROLLED WITHIN THE TREATMENT AREA
 - D. GROUNDWATER AND SURFACES WATER SHALL BE PROTECTED
 - E. NON-CONTAMINATED SOILS SHALL BE PROTECTED
 - F. APPROPRIATE SITE SECURITY TO PREVENT UNAUTHORIZED ENTRY SHALL BE PROVIDED
2. DESCRIBE ON-SITE TREATMENT PROGRAM IN A WRITTEN, SUBMITTED REPORT WITHIN 30 DAYS OF STARTING CONSTRUCTION AND OPERATION OF ON-SITE TREATMENT PROGRAM. INCLUDE INITIAL PETROLEUM CONTAMINATIONS LEVELS USING SAMPLING PROCEDURES LISTED IN OAR 340-122-305 TO 340-122-315.
3. DEQ MAY REQUIRE WRITTEN PROGRESS REPORTS DOCUMENTING THE REDUCTION IN PETROLEUM CONTAMINATION. THE UST OWNER OR PERMITTEE SHALL PROVIDE A WRITTEN PROGRESS REPORT WITHIN 20 DAYS AFTER A DEQ REQUEST.
4. SUBMIT FINAL WRITTEN REPORT DOCUMENTING FINAL PETROLEUM CONTAMINATION LEVELS AND DISPOSITION OF TREATED SOILS.
5. NO OFF-SITE TREATMENT OR DISPOSAL OF PETROLEUM-CONTAMINATED SOILS IS AUTHORIZED BY THIS PERMIT ADDENDUM.
6. THIS PERMIT ADDENDUM DOES NOT AUTHORIZE THE VIOLATION OF ANY OTHER APPLICABLE STATE, FEDERAL OR LOCAL RULE
7. DEQ SHALL BE NOTIFIED IF TREATMENT PROGRAM DEVIATES FROM PLAN.

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

UNDERGROUND STORAGE TANK PERMIT ADDENDUM

GOODWILL INDUSTRIES OF THE		UST FACILITY ID: 6468
UST FACILITY NAME: COLUMBIA WILLAMETTE		
UST FACILITY ADDRESS: 1831 S.E. Sixth Avenue		
Portland, OR 97214-3579		
UST PERMIT NUMBERS:		PAGE 4 OF 4
UST PERMIT AMENDMENT EXPIRATION DATE: (THIS BOX FOR DEQ USE ONLY)		

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS

ON-SITE AT FACILITY ADDRESS LISTED ABOVE

SPECIAL PERMIT CONDITIONS (CONTINUED):

8. IF ACTUAL VOLUME OF PETROLEUM-CONTAMINATED SOILS EXCEEDS ESTIMATED VOLUME BY 25 PERCENT, DEQ SHALL BE NOTIFIED IN WRITING OF ACTUAL VOLUME DISPOSED OF WITHIN 30 CALENDAR DAYS.
9. BY THEIR SIGNATURES, THE PROPERTY OWNER, TANK OWNER AND PERMITTEE LISTED ON PAGE 1 OF 4 OF THIS PERMIT APPLICATION/ADDENDUM CERTIFY THEY HAVE READ AND UNDERSTAND THE SPECIAL CONDITIONS LISTED IN THIS ADDENDUM.

10. OTHER SPECIAL CONDITIONS: NONE

UST OWNER OR PERMITTEE SHALL

RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

0.00

APPENDIX D

**LABORATORY RESULTS,
CHAIN-OF-CUSTODY
AND
SITE MAP**

COFFEY LABORATORIES INC.

12423 N.E. WHITAKER WAY, PORTLAND, OR 97230

(503) 254-1794 • FAX (503) 254-1452



COFFEY LABORATORIES - PENDLETON BRANCH

287 S.E. FIRST PENDLETON, OR 97801

(503) 276-0385

CHAIN OF CUSTODY

PROJECT #: 3-2358	PROJECT NAME: Goodwill	P.O. #: 02-1950	PAGE <u>1</u> of <u>1</u> PAGES PLEASE PRINT OR TYPE		FOR LABORATORY USE ONLY TOI # LIST # ANALYST		
COMPANY NAME: SRH							
REPORT ATTENTION: Bob Janak							
SAMPLES COLLECTED BY: Bob Janak							
FIELD IDENTIFICATION: ONE LINE PER SAMPLE CONTAINER	LAB LOG ID	COLLECTION DATE	TIME	MEDIA	ANALYSIS REQUESTED	ANALYSIS REMARKS	
3-2358-112890-1	1	11-28-90	12:40	Soil	TPH 418.1	Rush 24 hr.	
3-2358-112890-2	2		13:05	Soil	TPH 418.1		
3-2358-112890-3	3		13:45				
3-2358-112890-4	4		14:00				
3-2358-112890-5	5		16:25				
3-2358-112890-6	6		16:30				
3-2358-112890-7	7		16:40				
3-2358-112890-8	8		16:50				
3-2358-112890-9	9		16:20				
RELINQUISHED BY: Bob Janak		DATE/TIME: 11/29/90 7:15	RECEIVED BY: _____		DATE/TIME: _____	LAB USE	
RELINQUISHED BY: _____		DATE/TIME: _____	RECEIVED BY LAB: Cheryl Martin		DATE/TIME: 11/29/90 7:15		
SAMPLE REMARKS:		LEVEL: 1 2 3		EXPRESS UPS MAIL CXX GREY TAXI LAB			

WHITE COPY - COFFEY LABORATORIES

SHADED AREA FOR LABORATORY USE ONLY
CHAIN OF CUSTODY INSTRUCTIONS ON BACK OF PINK COPY

PINK COPY - CLIENTS COPY



COFFEY LABORATORIES, INC.

12423 N.E. WHITAKER WAY
PORTLAND, OR 97230
PHONE: (503) 254-1794
FAX: (503) 254-1452

SRH Environmental Management
PO Box 301008
Portland, OR 97230
Attention: Bob Janak

November 30, 1990
Log # A901129-A9
PO# 02-1950

PROJECT NAME: Goodwill

PROJECT NUMBER: 3-2358

Sample(s) Collected: 11/28/90
Sample(s) Received: 11/29/90

Analysis Requested: Total Petroleum Hydrocarbons in soil by
modified EPA Method 418.1

SAMPLE ID

SAMPLE RESULTS

3-2358-112890-1, 1240 hrs
3-2358-112890-2, 1305 hrs
3-2358-112890-3, 1345 hrs
3-2358-112890-4, 1400 hrs
3-2358-112890-5, 1625 hrs
3-2358-112890-6, 1630 hrs
3-2358-112890-7, 1640 hrs
3-2358-112890-8, 1650 hrs
3-2358-112890-9, 1620 hrs

6
trace, <5
trace, <5
trace, <5
ND
trace, <5
ND
trace, <5
7

Detection Limit:


5 mg/kg

Results expressed as mg/kg unless otherwise noted.


The less than "<" symbol means none detected at or above the indicated value and represents the detection limit for the method.

ND means none detected at or above the detection limit listed.

Sincerely,

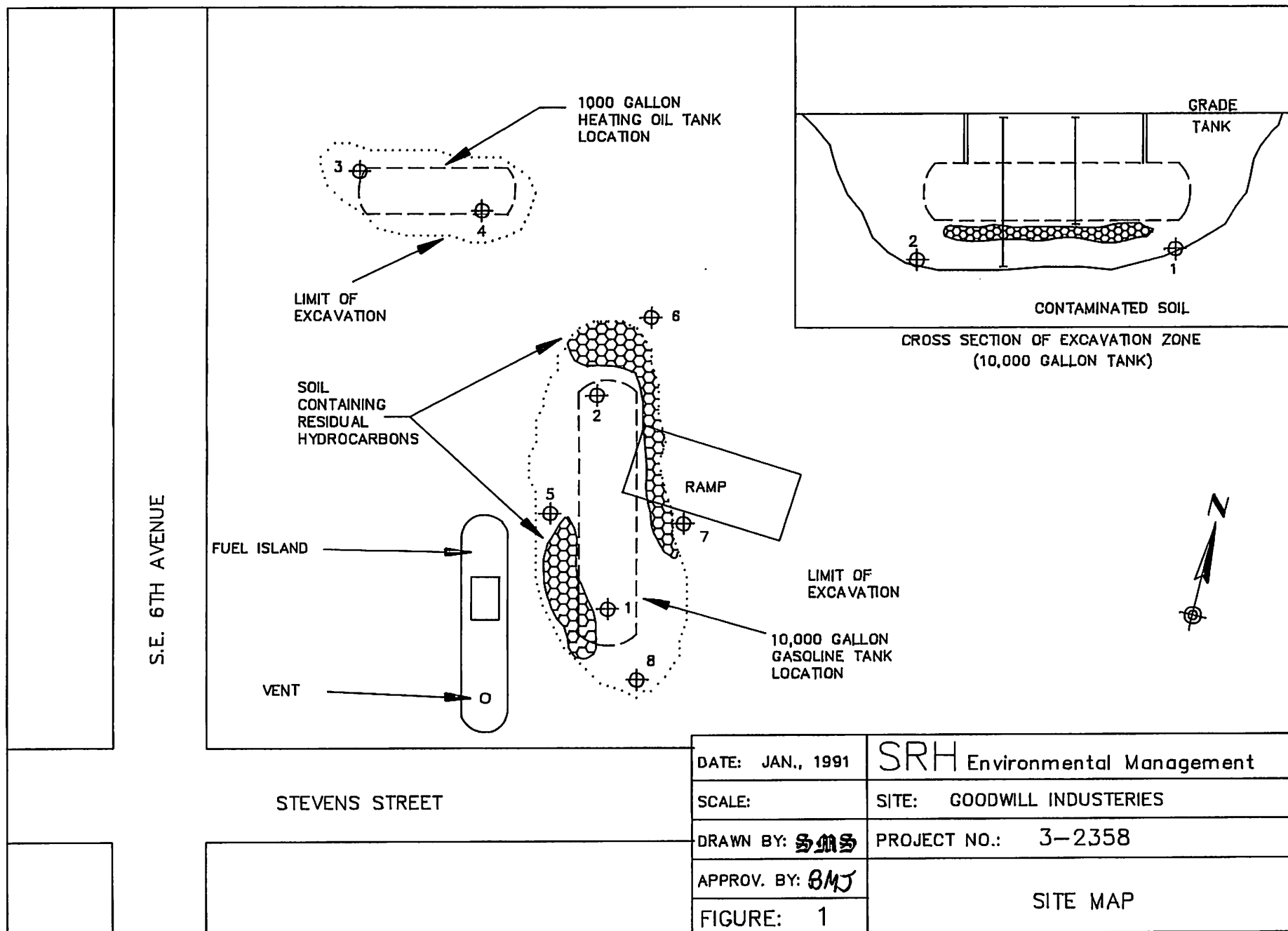

Victor A. Perry,
Quality Assurance

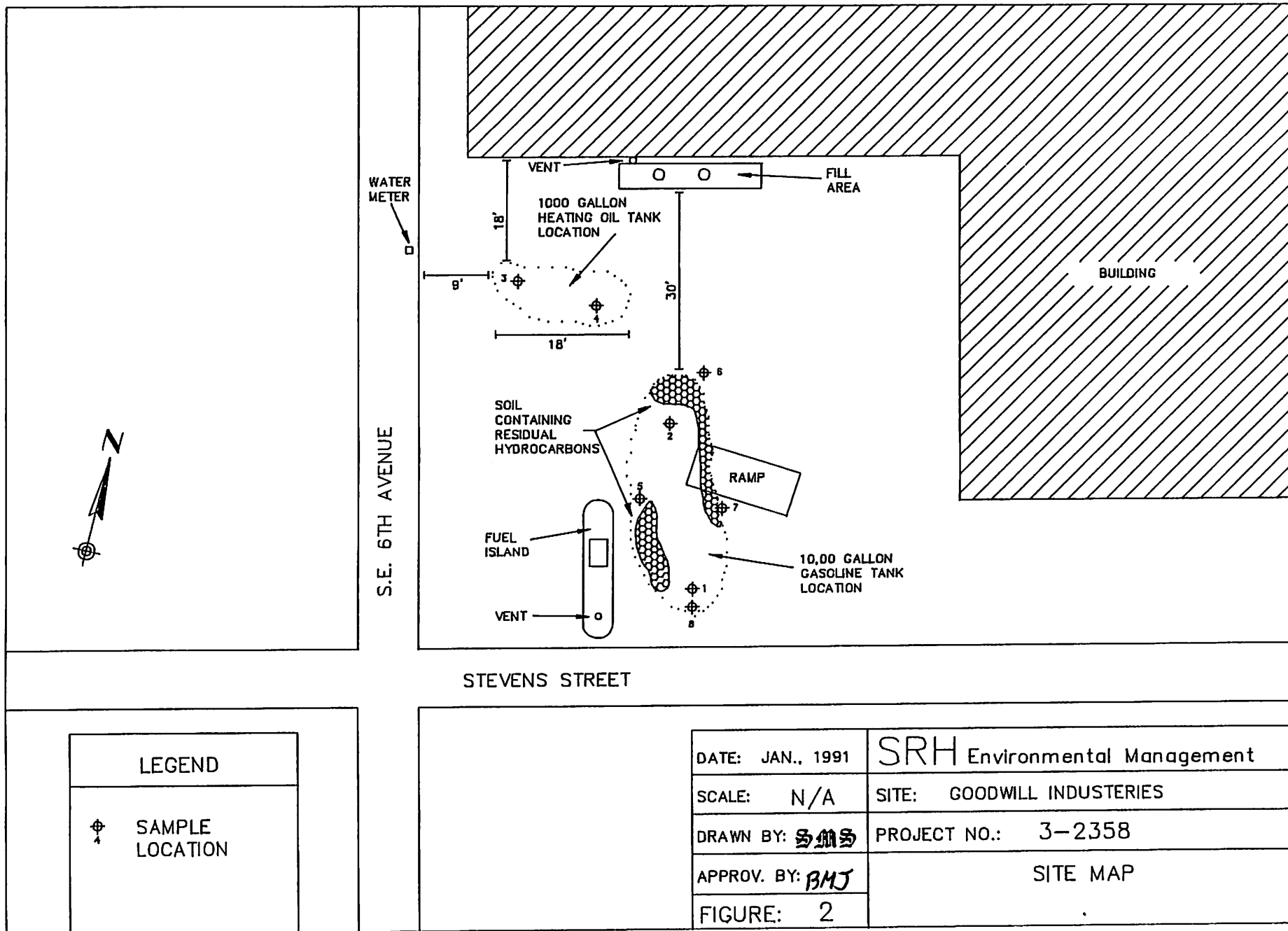
Sincerely,


Renee Chauvin,
Technical Director

RJC/mlh

This report is for the sole and exclusive use of the client. Samples are retained a maximum of 15 days from the report date, or until the maximum holding time expires.





APPENDIX E

MATRIX CHECKLIST AND SCORE SHEET

Matrix Checklist

- 11/29 1. The release of petroleum has been reported to the Department of Environmental Quality (220).
- 11/29 2. The Matrix score sheet attached to this checklist has been completed for this site, unless the site is being cleaned up to the most stringent cleanup level (320).
- Gasoline 3. If the cleanup level used for this site is one of the three diesel cleanup levels, a hydrocarbon identification (HCID) test has been performed which proves that the soil contamination is not from gasoline (335(3)).
- 12/1/90 4. A sketch has been made of this site (345(1)). This sketch clearly shows:
- X a. The location of all buildings and other key features, both man-made and natural;
 - X b. The names of adjacent streets and properties;
 - X c. The location of all excavations including those that were for the removal of tanks and associated piping as well as those that were strictly for the removal of contaminated soils;
 - X d. The location of all product storage tanks, lines and dispensers, including those that were decommissioned as well as those that remain on the site; and
 - X e. The locations from which all soil and water samples were collected.
- X 5. If any contaminated soil in excess of matrix limits has been left on site, the reason for leaving this soil has been explained and the requirements of 355(4) have been met.
- N/A 6. If water was present in the tank pit, the Department was notified, the water was pumped from the pit, and the requirements of 340(4) have been met.
- X 7. All soil and/or water samples have been collected, coded, stored and shipped as specified in the rules, and proper chain-of-custody forms have been filled out (345).
- X 8. All final confirmatory soil samples have been analyzed using the methods required by the Department (350).
- N/A 9. If a tank was decommissioned in place, the Department gave prior approval for a site-specific sampling plan (340(5)).
- X 10. A report has been prepared which contains all of the information required by the rules (360).

MATRIX SCORE SHEET

1.	Depth to Groundwater		
	< 25 feet	(10) X	10
	25 - 50 feet	(7)	
	51 - 100 feet	(4)	
	> 100 feet	(1)	
2.	Mean Annual Precipitation		
	>40 inches	(10) X	10
	20 - 40 inches	(5)	
	<20 inches	(1)	
3.	Native Soil Type		
	Coarse sands, gravels	(10) X	10
	Silts, fine sands	(5)	
	Clays	(1)	
4.	Sensitivity of Uppermost Aquifer		
	Sole Source	(10)	
	Current Potable	(7) X	7
	Future Potable	(4)	
	Non-potable	(1)	
5.	Potential Receptors		
	Many, near	(10)	
	Medium	(5)	
	Few, far	(1) X	1
TOTAL SCORE =			38

Matrix Score	Cleanup Level in ppm TPH	
	Gasoline	Diesel
Level 1: > 40 pts.	40	100
Level 2: 25 - 40 pts.	80 ✓	500
Level 3: < 25 pts.	130	1000

APPENDIX F

**CONTAMINATED SOIL SAMPLE RESULTS,
CHAIN-OF-CUSTODY
AND
SITE MAP**

12423 N.E. WHITAKER WAY
PORTLAND, OREGON 97230

(503) 254-1794
FAX (503) 254-1452

PO# 03-2264

[illegible]

WHITE COPY - COFFEY LABORATORIES

PINK COPY - CLIENT'S COPY

SHADED AREA FOR LABORATORY USE ONLY
CHAIN OF CUSTODY INSTRUCTIONS ON BACK OF PINK COPY

RECEIVED JAN 11 1991 ✓



COFFEY LABORATORIES, INC.

12423 N.E. WHITAKER WAY

PORTLAND, OR 97230

PHONE: (503) 254-1794

FAX: (503) 254-1452

January 8, 1991
Log # A901231-C4
PO# 03-2264

SRH Environmental Management
PO Box 301008
Portland, OR 97230
Attention: Bob Janak

PROJECT NAME: Goodwill

PROJECT NUMBER: 3-2358

Sample(s) Collected: 12/31/90

Sample(s) Received: 12/31/90

Analysis Requested: Total Petroleum Hydrocarbons in soil by
modified EPA Method 418.1

SAMPLE ID

SAMPLE RESULTS

3-2358-123190-1, 0935 hrs
3-2358-123190-2, 0950 hrs
3-2358-123190-3, 1000 hrs
3-2358-123190-4, 1010 hrs

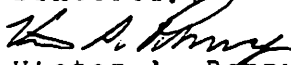
5
7
5
44

Detection Limit:

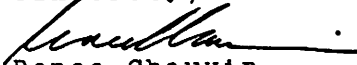
5 mg/kg

Results expressed as mg/kg unless otherwise noted.

Sincerely,


Victor A. Perry,
Quality Assurance

Sincerely,


Renee Chauvin,
Technical Director

RJC/mlh

This report is for the sole and exclusive use of the client. Samples are retained
a maximum of 15 days from the report date, or until the maximum holding time expires.

S.E. 6TH AVENUE

SIDEWALK

BUILDING

20'

36'

NOTE: SOIL
AVERAGE OF
3' THICK

SAMPLE
DIMENSIONS

#1-8'IN 2'DEEP
#2-6'IN 18'DEEP
#3-6'IN 2'DEEP
#4-8'IN 2'DEEP

SIDEWALK

STEPHENS STREET



DATE: JAN., 1991

SRH Environmental Management

SCALE: N/A

SITE: GOODWILL INDUSTRIES

DRAWN BY: *SMJ*

PROJECT NO.: 3-2358

APPROV. BY: *BMJ*

FIGURE: 3

SITE MAP