



**Underground  
Storage Tank  
Decommissioning &  
Site Assessment Report  
For UST Site #200130  
1201 South 1st St.  
Yakima, Washington**

for

Hahn Motor Co.  
Yakima, Washington

February, 2008

Prepared by:

**PETCO INCORPORATED**  
210 East Albany Avenue  
Kennewick, Washington

PETCO Project No. 7961

## EXECUTIVE SUMMARY

In the mid 1940s HAHN Motors built the existing facility with an oil fired boiler in the basement for heat. One 2000 gallon tank was deemed sufficient at the time. In the mid 1970s during the oil crunch a second 2000 tank was installed. About the same time the boiler was converted to burn "used motor oil" as there was an abundant source recovered on premises.

The tanks were believed to be unregulated heating oil tanks. In July of 2007 that status was changed and the Department of Ecology ordered the tanks removed. This was done in November of 2007. A site assessment was conducted and some minor contamination as a result of overfilling the tanks was cleaned up.

Underground locate was performed; Permits for breaking (and replacing) sidewalk were obtained from the City of Yakima; The City of Yakima also issued permits to remove the two tanks and also provided their own inspector.

Routine decommissioning procedures were followed. These procedures included exposing the top of the tanks to determine if a spill had occurred. Petroleum contaminated soil was discovered, likely a result of overfilling. Ecology was made aware of discovery. The tanks were cleaned and sludge placed in barrels for disposal. Other materials (soil) that was obviously contamination was separated from the apparently clean material.

The over excavation of contaminated soils was done. Soil samples were recovered to determine the "as left" conditions; the stockpiles were sampled; contaminated materials were disposed of under permit from Yakima County Environmental Health Department.

After the recyclable material was removed from the tanks they were opened in place and the residuals removed to several 55 gallon drums. Samples of this substance were analyzed and found to be laden with Lead. The waste was manifested and shipped to Texas for incineration. Documentation of this activity is provided in the Attachments.

This report is presented as a summary of the documentation provided in the Attachments. Considering the logistics involved with the physical removal of two underground storage tanks and the attention given to this project by the Department of Ecology, one might say the project was text book.

Copies of this report have been provided to Ecology along with several of their forms that have been completed and properly signed off by licensed and certified persons. A letter of "No Further Action" should be forthcoming as a result of this investigation and report.

HAHN Motors  
UST Removal Activities  
Table of Contents

BACKGROUND ..... 1  
    Site History  
    Site Specific Information

DECOMMISSIONING ..... 2

SITE ASSESSMENT ..... 4

SITE CHARACTERIZATION ..... 5

CLEANUP ACTIVITIES ..... 6

CONCLUSION and RECOMENDATIONS ..... 7

RESOURCES and REFERENCES ..... 8

LIMITATIONS ..... 9

QUALIFICATIONS of PREPARER .....10

ATTACHMENTS:

- A Maps
- B Laboratory Reports
- C Miscellaneous Documents
- D Photographs

## **Background**

### ***Site History:***

The building known as HAHN Motors was built in 1946. Among its prominent features was an oil fired boiler used for heat. A 2,000 gallon fuel storage tank was installed along the foundations on the north side of the building. This is now known as Arlington Street.

In about 1975, during the oil crunch a second 2,000 gallon storage tank was installed just to the west of the original tank. Along about this time it is believed that the furnace burner was altered to burn used motor oil. This was the principal heating system for the entire building for many years.

As business grew, so did the supply of used oil for the heating system. On at least one occasion, when the tanks were both full, a recycler was called in to remove some of the excess oil. This is where the action begins. It was reported to Ecology that they (HAHN Motor Co.) were improperly storing used oil in underground storage tanks.

The result was a letter from Ecology "Notice of Non Compliance," and orders to remove the tanks. This brief report is provided to document the decommissioning, removal, and disposal of said tanks and residuals. The report provides documentation of a site assessment and appropriate remediation of petroleum contaminated soil and tank bottoms as hazardous waste.

### ***Site Specific Information***

The fuel supply and storage system consisted of two tanks plumbed separately with supply and return lines to the boiler burner. Each tank was independently controlled with hand valves and had to be switched manually between tanks.

The tanks were just outside the north wall of the building in the immediate vicinity of the boiler room. Inlet and return lines were connected to the tanks through penetrations in the walls.

## Decommissioning

The 30 day notice was submitted via telephone to the Department of Ecology. Subsequent telephone conversations with Christina Zerby and Frosti Smith of Ecology were made concerning the adjustment of the schedule to the dates and times the activities actually occurred.

A permit from the City of Yakima for tank removal was obtained. A copy is provided in Attachment "C" of this report. Underground Locate number, U Dig: PETCO #49112.

Initial actions were to remove the concrete and asphalt sidewalk and expose the top of the tanks to determine their true size and determine stability of excavation during removal of tanks. Solid waste in the form of concrete and asphalt rubble was accumulated and was disposed of later as solid waste.

Aside from some differences of opinion on strategy, the decommissioning was just about text book. It was certainly well monitored by Ecology by at least nine different individuals on site over the duration of the tank removals.

Excavated materials were transported approximately one block to the east for storage on another parcel owned by Hahn Motors. The materials were segregated into separate stockpiles; solid waste; known contaminated; and thought to be clean; and unknown. These stockpiles were later sampled for disposal. Disposal of residuals is discussed elsewhere in this report.

The tanks were opened in place and then "cleaned" by removal of sludge which was placed in ten barrels, plus one for used PPE. Cleaning of the tanks was accomplished under the direction of site supervisor Rod Pardee.

Residuals were placed in drums and sampled. Samples were also recovered by Ecology personnel. Copies of the PETCO INCORPORATED sampling results from Valley Environmental Laboratory are provided in Attachment "B" of this report. These results were used to characterize the waste taken from the tanks.

Christina Zerby, and several other Ecology personnel were present during the cleaning of the tanks. Ms. Zerby concurred with the "cleanliness" of the tanks after residuals were removed.

The barreled up sludge was placed on pallets and stored in a fenced area across the street owned by HAHN Motors. Ecology approved this "Holding area". This material was later removed by Safety Kleen on 1/24/2008 on manifest # 000055874 SKS.

The material was transported to Texas and placed in a holding area for disposal on 2/5/2008. Complete documentation of this transaction is provided in the attachments of this report.

Removal of tanks and transport to scrap yard was handled by Tri-Valley Construction under the direction of the site supervisor.

The tanks were inspected and photographed, inside and out, by PETCO and Ecology personnel. Several photographs are provided in Attachment "D" of this report. No indication of a breach or penetration was observed by PETCO. Corrosion was not extensive and the tanks did not indicate that there had ever been a release from either tank.

Samples were recovered from the excavated materials in the stockpiles and analyzed for petroleum and heavy metal contamination. Findings were within the limits allowing for disposal at a local facility. The results are summarized in the table in Attachment "B."

A quantity of petroleum contaminated soil was transported to the Anderson Rock Pits for disposal under permit from the Health Department. The remainder of the material was disposed of as solid waste or transported to an approved disposal facility.

Mary Valladares, Fire Code Inspector, for the City of Yakima was also present for the removal of the tanks from the site.

## **Site assessment**

A site assessment was performed at this site by PETCO INCORPORATED Registered Site Assessor Roderick L. Pardee. There were no compromising factors associated with this investigation other than Christmas holidays which caused some minor delays in removal and disposal of contaminants.

### ***East tank***

Present: Christina Zerby, Site Cleanup & Underground Storage Tank Unit, had been present during the excavation and removal of this tank. Mary Valladares, Fire Code Inspector, City of Yakima was also present. This tank was bedded in 5/8 minus backfill. See picture in Attachment "D" to this report.

### ***West Tank***

Present or on site: Brianne Harcourt, Hydrogeologist/Site Manager; Mary Valladares, Fire Code Inspector, City of Yakima. This tank was bedded in native materials. See picture in Attachment "D."

### ***Stockpiles***

Excavated materials were removed from the site to a vacant area owned by HAHN Motors, about a block to the east. Materials were stored on visqueen in four separate stockpiles. One for solid waste (surface concrete & asphalt); one of excavated materials expected to be contaminated; and a separated pile of materials thought to be contaminated; and another separate pile for material thought to be clean.

Sampling of stockpiles and subsequent laboratory analysis was found by the Yakima County Health Department to allow disposal and treatment at the Anderson Landfill in Yakima.

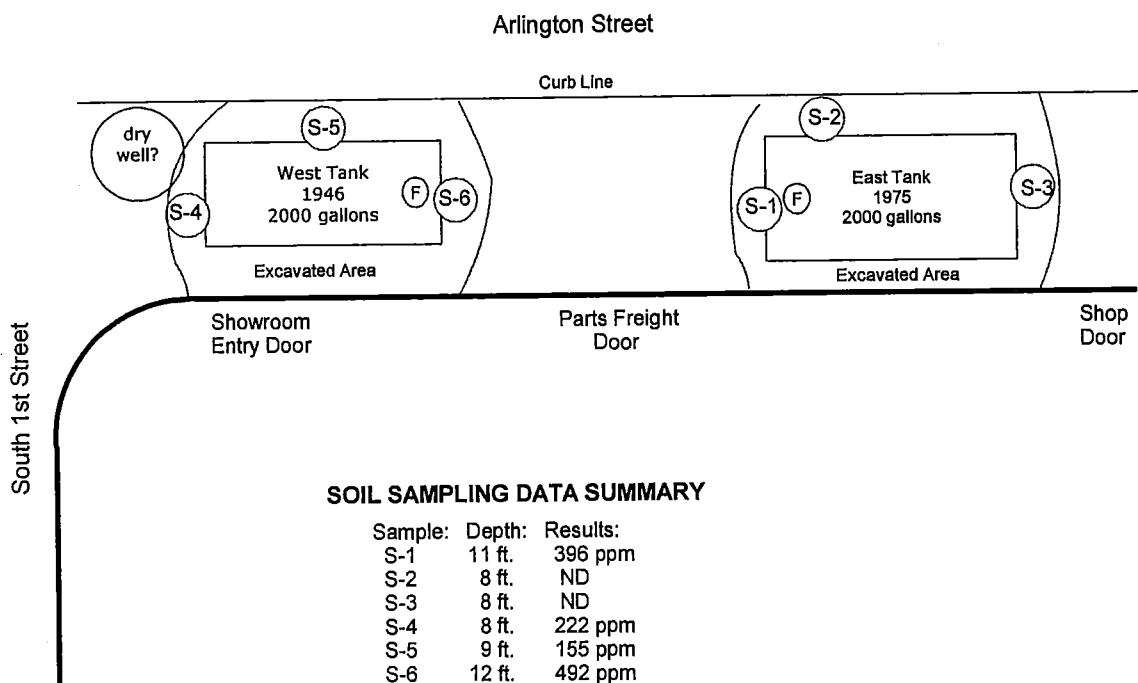
Copies of the application, permit, and disposal receipts should be sufficient to close the loop on cleanup of petroleum contaminated soils associated with this project.

## Site Characterization

Native soils can best be described as old river bottom with abundant rock from cobbles to gravel to sand, visible in photographs in Attachment "D" to this report.

Groundwater was not encountered during the implementation of this project. There was no evidence that the tanks had ever been even partly submerged in water. It is reasonable to believe that groundwater is well below the bottom of these tanks. There is compelling evidence to indicate that the water level is somewhere around 19 feet below grade in this area. Seasonal variations tend to run between 14 and 19 feet below grade. A groundwater contour map from an unrelated study by the Department of Ecology that happened to cover the vicinity of this project is included in Appendix "C" of this report. This information is provided as a general representation of groundwater levels in the area.

Samples of native materials were recovered from locations as described in the sketch below. A larger version of this sketch is provided in Attachment "A" of this report. Laboratory reports are located in Attachment "B".





## Cleanup activities

Discovery of contamination was made upon removal of the concrete and asphalt covering of the tanks. Overfill contamination was obvious and witnessed first hand by several Department of Ecology personnel at the onset.

Tanks were opened and cleaned in place under the direction of the site supervisor. Some photo documentation of this activity is provided in Attachment "D" of this report.

After cleaning and removal, the tanks were disposed of by Tri Valley Construction as scrap for recycling. Mary Valladares, Fire Code Inspector, City of Yakima was present, as required by City Code, for the removal of the tanks from the premises.

Stockpiles were transported to Anderson Rock and Demolition Pits in Yakima by KRIC, LLC. This disposal was done under permit from the Yakima County Environmental Health department. Documentation for the disposal is provided in Attachment "C" of this report.

Tank Residuals were disposed of by Safety Kleen. Copies of the Manifest and related documentation is provided in Attachment "C".

Some residual contaminated materials remain, however these residuals are below the action levels allowed by regulations. Concerns for the stability of the excavation in proximity to the building and city streets prevented safe excavation of additional materials.

## CONCLUSIONS AND RECOMMENDATIONS

Based on field observations and analytical testing, a release of petroleum hydrocarbons had, in fact, occurred at this site. The source of contamination clearly points to the fill pipe area and leads one to the obvious conclusion that the source of the release resulted from overfilling .

Heavy oil range hydrocarbons were detected at concentrations exceeding cleanup levels in the UST cavity. Heavy Oil range hydrocarbons were also detected in the stockpiled soil. This soil was isolated for later disposal. Laboratory analysis did not indicate any gasoline range hydrocarbons. TCLP analysis identified heavy metals in the samples. All contamination was clearly confined in the heavy oil range hydrocarbons. Significant amount of Lead was only found in the tank bottom residuals.

Based on the investigation and assessment, PETCO recommended additional over excavations to eliminate the contaminated soil and to determine the lateral and vertical extent of contamination. The sampling Map in Attachment "A" provides clear evidence that the encountered contamination was limited to the vicinity of the fill pipes.

There was no indication of horizontal movement of the contamination and deep samples recovered directly below the fill pipe were below the action levels as defined by Ecology.

Additional efforts of over excavation finally and literally got to the bottom of the problem. The excavated material was removed to the New Waste Landfill under appropriate permit from the Yakima County Health Department.

Based on the investigation and results from sampling it is our recommendation that this site will require no further action. It is clear that the over excavation has resolved the situation with the release. The contaminated soil has been properly disposed of and the entire process is appropriately documented in this report.

This effort completes the Independent Remedial Action effort at this site. Along with the appropriate Ecology Forms provided in Attachment "C", this should be adequate to receive a "No Further Action" letter from Ecology.

## Resources and References

Ecology, UST Statute & Regulations, Revised 1998

WAC 173-303

WAC 360-

Ecology, UST Site Assessment Study Guide, IFCI Reprint, April 1994

Ecology, UST Guidance for Site Checks and Site Assessments, Revised Oct. 1992

Ecology, UST Closure and Site Assessment Notice, two page form, Revision 2-06

Ecology, The MTCA Cleanup Regulation, Chapter 173-340 WAC, Amended Dec. 1993

Ecology, Guidance for Remediation of Petroleum Contaminated Soils, Toxics Cleanup Program, Revised Nov. 1995

API, A Guide to the Assessment and Remediation of Underground Petroleum Releases, Publication 1628, 2nd Edition, Aug. 1989.

## Limitations:

This report reflects the "as found" and "as left" subsurface conditions at the sample locations. There may be some variation between sample points.


This report has been prepared for exclusive use by HAHN Motors for this project only. Analyses, conclusions, and recommendations included in this report are based on conditions encountered at the time of field investigation and based on our experience and judgment. PETCO INCORPORATED cannot be responsible for interpretation by others.

PETCO INCORPORATED services were performed with due diligence in a manner consistent with the level and care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the area. No other warranty, expressed or implied is made. This material can be issued over professional seal for additional fees.

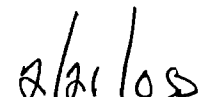
The scope of investigation is limited to the scope of work specified in the standard PETCO INCORPORATED Consulting Agreement and the written proposal.

All documentation furnished to the client is intended for the benefit of the Client and is not intended or represented to be suited for reuse by the client or others. Any reuse without the specific written consent of the consultant other than for the specific purpose intended will be at the user's sole risk and without liable and legal exposure to the Consultant. Client agrees to indemnify and hold Consultant harmless from any and all liabilities, losses, costs, or expenses suffered in connection with Client's unauthorized reuse of project documents.

Prepared by:



Roderick L. Pardee



Date

## **Qualification of Preparer:**

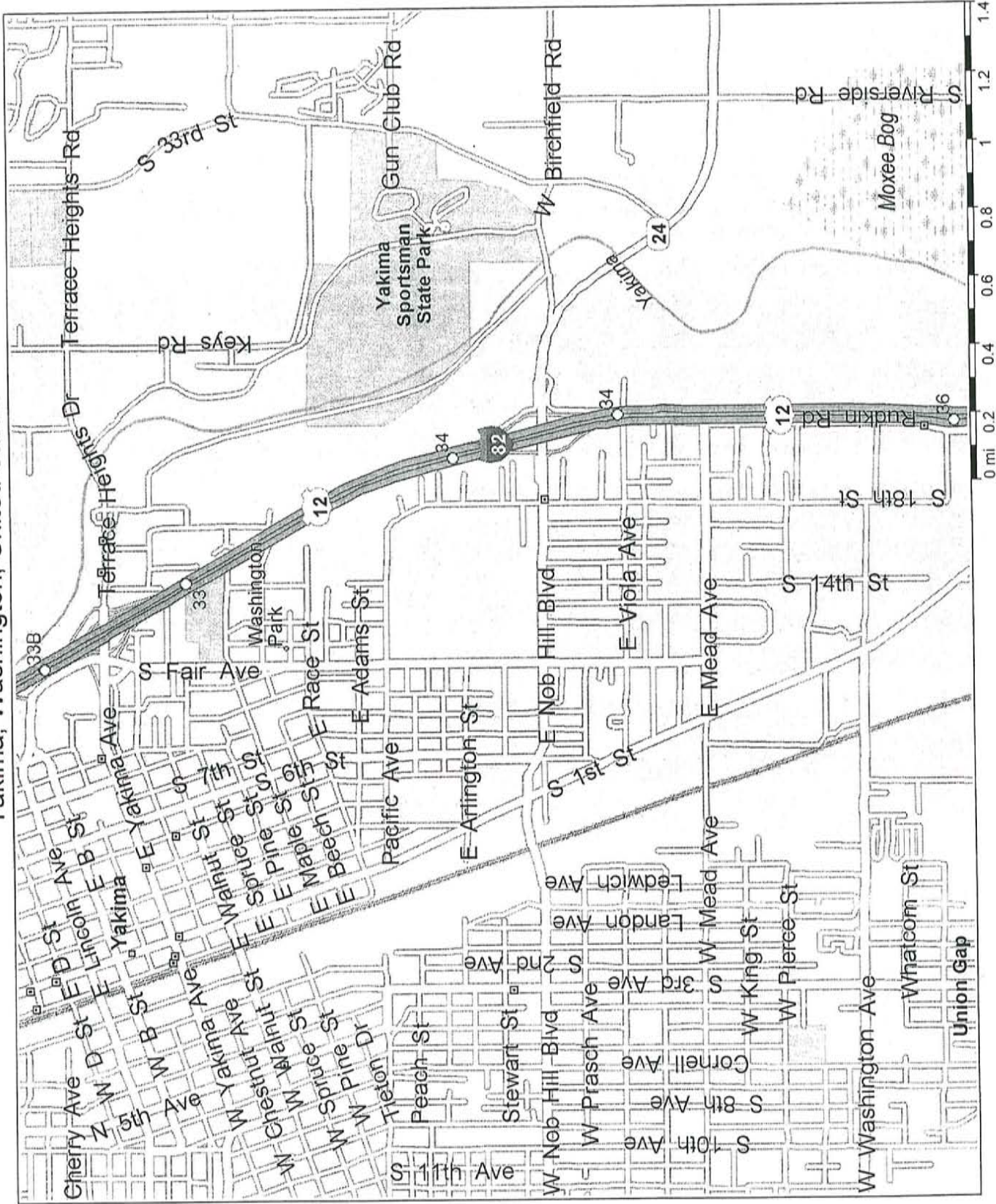
Rod Pardee has over twenty years experience in decommissioning of underground storage tanks. He is currently licensed in Washington as a Site Supervisor for decommissioning of underground storage tanks and is licensed as a UST Site Assessor. Copies of current licenses are provided in Attachment "C" of this report. Additional details are available upon request.

## **ATTACHMENTS:**

- A. Site Maps, Sample Location
- B. Laboratory Reports
- C. Miscellaneous Documentation
- D. Photographs, Selected Pictures

**Attachment**  
**“A”**  
**Maps, Sketches**

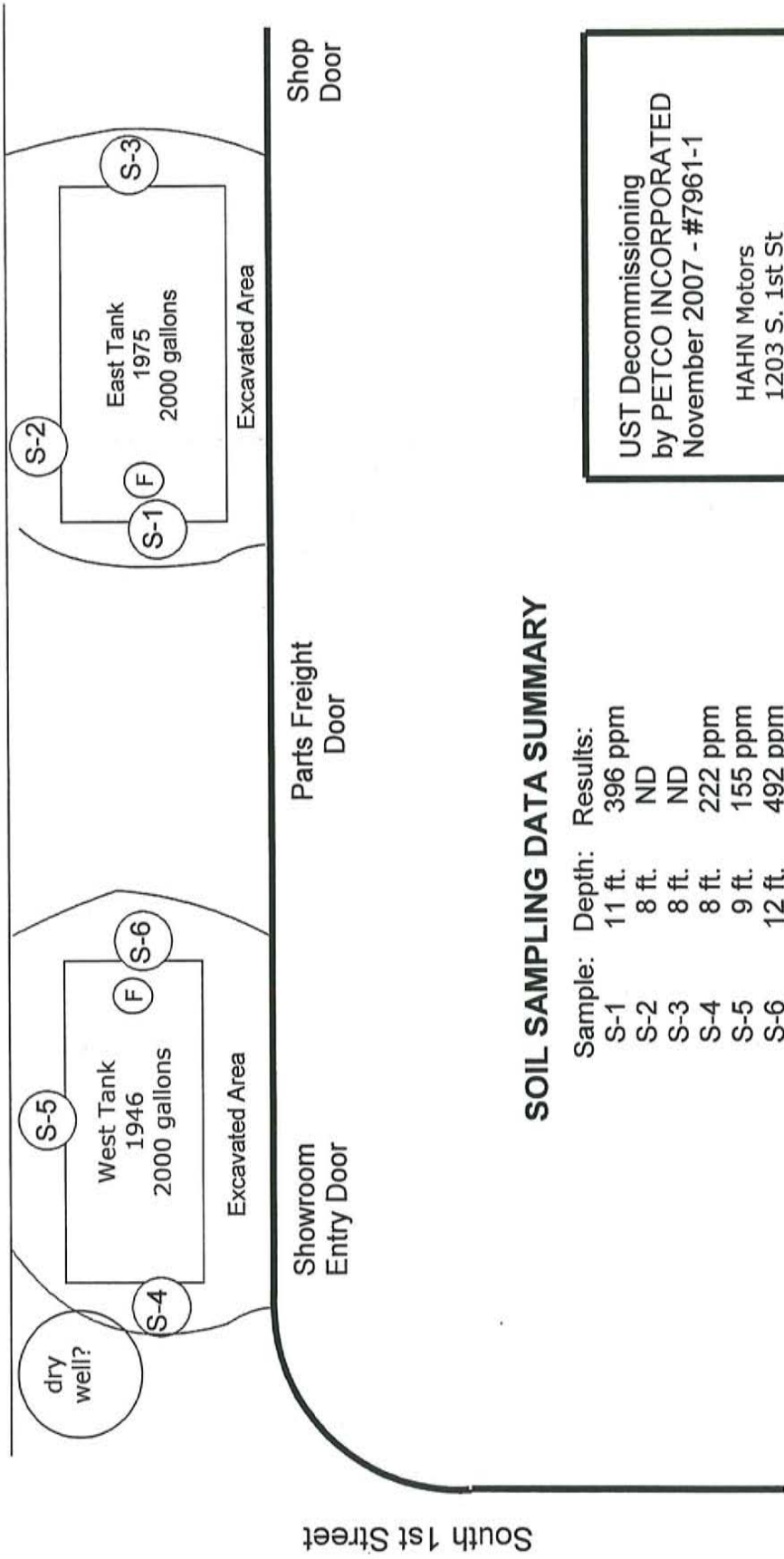
Yakima, Washington, United States





Arlington Street

Curb Line



### SOIL SAMPLING DATA SUMMARY

Sample	Depth	Results
S-1	11 ft.	396 ppm
S-2	8 ft.	ND
S-3	8 ft.	ND
S-4	8 ft.	222 ppm
S-5	9 ft.	155 ppm
S-6	12 ft.	492 ppm

UST Decommissioning  
by PETCO INCORPORATED  
November 2007 - #7961-1

HAHN Motors  
1203 S. 1st St  
Yakima, Washington



**Attachment**  
**“B”**  
**Laboratory Reports**

67310

Report Number:



Environmental Sciences, Inc.

Research & Laboratory Services

CHAIN OF CUSTODY

2415 SE 11th Ave. • Portland, Oregon 97214 • (503) 231-9320 • FAX (503) 231-9344

PROJECT # 7961      PROJECT NAME / SITE HIGH MOUNTAIN      STATE WASHINGTON      PURCHASE ORDER # 7243

COMPANY PETCO      REPORT ATTENTION ROD      PHONE NUMBER 509/581-1101      FAX NUMBER 509/586-7773

SAMPLES COLLECTED BY RLP      DATE(S) COLLECTED 11/13/07      TIME(S) COLLECTED AM      SAMPLES CHILLED TO 4° C?

PRESERVATIVE USED? (HCl, etc.)      REGULAR       3-5 Days

FIELD ID	MEDIA	CONTAINER	VOLUME ETC	ANALYSIS REQUIRED	LAB ID
S-1	SOIL	402		NUTRITY	W40
S-2	SOIL	407			W41
S-3	SOIL	407			W42
SP-1	SOIL	407			W43
SP-3	SOIL	407			W44
Note: HOLD ANY HITS FOR METALS ANALYSIS.					

RELINQUISHED BY *[Signature]*      DATE/TIME 11/13/07 PM      RECEIVED BY *[Signature]*      DATE/TIME 11/14 10:10 AM

RELINQUISHED BY      DATE/TIME      RECEIVED BY LAB      DATE/TIME

REMARKS      SHIPPED BY **FEXEX**

WyEast will return white copy to client with laboratory report and keep yellow copy for files. Client keeps pink copy.

## LABORATORY REPORT

Petco Inc.  
 210 E. Albany  
 Kennewick, WA 99336

**SITE NAME:** Hahn Motors  
**SITE LOCATION:**  
**PROJECT NUMBER:** 7961

**REPORT NUMBER:** 67310  
**REPORT DATE:** 11/15/07  
**PAGE:** 1 of 1

**NW-TPHDx**

**Analytes: Total Diesel and Heavy Oil range petroleum in Soil**

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	Surrogate		Sampling Date
					AB	PB	
S-1	W0040	ND	396	127%	68FFL-071114-1	D071114-1	11/13/2007
S-2	W0041	ND	ND	100%	68FFL-071114-1	D071114-1	11/13/2007
S-3	W0042	ND	ND	106%	68FFL-071114-1	D071114-1	11/13/2007
SP-1	W0043	ND	4,980	*	68FFL-071114-1	D071114-1	11/13/2007
SP-3	W0044	ND	448	112%	68FFL-071114-1	D071114-1	11/13/2007
Reporting Limit: --		25	100				

Surrogate is 1-ChloroOctadecane

\*Surrogate Peak Obscured by Matrix Interference

Chemist Initials: *Roger Wallin*

## Quality Control for NWT PH-Dx

Batch Date: 11/14/2007

QC Blank Sample Number	PB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	Blank Control Limits Diesel (mg/Kg)	Blank Control Limits Oil (mg/Kg)	Blank CONTROL	Surrogate Recovery	Blank Surrogate Control Limit (%)	Blank Surrogate CONTROL
BLANK-1	D071114-1	0	0	25	100	PASS	99%	50%-150%	PASS
BLANK-2	D071114-2	0	0	25	100	PASS	100%	50%-150%	PASS
BLANK-3	D071114-3	0	0	25	100	PASS	89%	50%-150%	PASS

QC LRB Sample Number	AB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	LRB Control Limit Diesel (mg/Kg)	LRB Control Limit Oil (mg/Kg)	LRB CONTROL	Surrogate Recovery	LRB Surrogate Control Limit (%)	LRB Surrogate CONTROL
LRB	68FFL-071114-1	0	0	25	100	PASS	109%	50%-150%	PASS

CCV Diesel Sample Number	Analytical Batch	Measured Concentration in extract (ug/mL)	Theoretical Concentration (ug/mL)	% Difference	CCV Control Limit (%)	Diesel CCV CONTROL
DXCCV-1	68FFL-071114-1	519.11	500	4%	±20%	PASS
DXCCV-2	68FFL-071114-1	525.05	500	5%	±20%	PASS

CCV Oil Sample Number	Analytical Batch	Measured Concentration in Extract (ug/mL)	Theoretical Concentration in Extract (ug/mL)	% Difference	CCV Control Limit (%)	Diesel CCV CONTROL
OILCCV-1	68FFL-071114-1	375.20	400	-6%	±20%	PASS
OILCCV-2	68FFL-071114-1	379.27	400	-5%	±20%	PASS

QC LCS Sample Number	PB	Diesel Result in Extract (ug/mL)	Theoretical Spike Concentration (ug/mL)	LCS Spike Recovery (%)	LCS Spike Control Limits (ug/mL)	LCS Spike CONTROL	Surrogate Recovery	LCS Surrogate Control Limits (%)	LCS Surrogate CONTROL
LCSD-1	D071114-1	290.20	255.19	114%	±30%	PASS	110%	50%-150%	PASS
LCSD-2	D071114-2	304.66	255.19	119%	±30%	PASS	120%	50%-150%	PASS
LCSD-3	D071114-3	294.21	255.19	115%	±30%	PASS	114%	50%-150%	PASS

Report Number:

67329



Environmental Sciences, Inc.

Research & Laboratory Services

CHAIN OF CUSTODY

2415 SE 11th Ave. • Portland, Oregon 97214 • (503) 231-9320 • FAX (503) 231-9344

PROJECT #	7961	PROJECT NAME / SITE	WASHINGTON	STATE	WA	PURCHASE ORDER #	7243
COMPANY	PETCO	REPORT ATTENTION	ROD	PHONE NUMBER	503/582-1101	FAX NUMBER	503/586-7173
SAMPLES COLLECTED BY	RJD	DATE(S) COLLECTED	11/14/07	TIME(S) COLLECTED	AM	SAMPLES CHILLED TO 4° C?	
PRESERVATIVE USED? (HCl, etc.)	NONE	Regular <input checked="" type="checkbox"/> 3-5 Days <input type="checkbox"/>					
FIELD ID	MEDIA	CONTAINER	VOLUME ETC	ANALYSIS REQUIRED	LAB ID		
S-4	SOIL	JAL	4PT	DX	W191		
S-5				DX	W192		
S-6				DX	W193		
SP-4			*	N.W. TRHT DX (FS)	W194	WASTE CYL PKG	
ALSO ANY HITS FOR POSSIBLE ADDITIONAL ANALYSIS							
RELINQUISHED BY	[Signature]			RECEIVED BY	[Signature]	DATE / TIME	
RELINQUISHED BY				RECEIVED BY LAB		DATE / TIME	1/15/07

Submission of samples with testing requirements to WyEast Environmental Sciences will be understood to be an agreement for services in accordance with the conditions listed on the back of the client copy

**LABORATORY REPORT**

Petco Inc.  
210 E. Albany  
Kennewick, WA 99336

**SITE NAME:** Hahn Motors  
**SITE LOCATION:**  
**PROJECT NUMBER:** 7961

**REPORT NUMBER:** 67329  
**REPORT DATE:** 11/16/07  
**PAGE:** 1 of 1

**NW-TPHDx**

**Analytes: Total Diesel and Heavy Oil range petroleum in Soil**

Field ID	LAB ID	Diesel	Heavy Oil	Surrogate			Sampling Date
		(mg/Kg)	(mg/Kg)	Recovery (%)	AB	PB	
S-4	W0191	ND	222	116%	68FFL-071115-1	D071115-1	11/14/2007
S-5	W0192	ND	155	109%	68FFL-071115-1	D071115-1	11/14/2007
S-6	W0193	ND	492	137%	68FFL-071115-1	D071115-1	11/14/2007
SP-4	W0194	ND	ND	105%	68FFL-071115-1	D071115-1	11/14/2007
<b>Reporting Limit: --</b>		<b>25</b>	<b>100</b>				

Surrogate is 1-ChloroOctadecane

Chemist Initials: *Keegan Walsh*

EPA Method 8260B

Analyte: Volatile Organics in Soil

Field ID:	SP-4	Site Name:	Hahn Motors
Lab ID:	W194.D	Site Number:	7961
Extraction date:	11-15-07	Report Number:	67329
Analyst:	Mark Murphy		

CAS#	Compound	Sample (mg/Kg)	Blank (mg/Kg)	Quantitation Limit
67-64-1	Acetone	ND	ND	1.3
71-43-2	Benzene	ND	ND	0.02
108-86-1	Bromobenzene	ND	ND	0.1
74-97-5	Bromochloromethane	ND	ND	0.1
75-27-4	Bromodichloromethane	ND	ND	0.1
75-25-2	Bromoform	ND	ND	0.1
74-83-9	Bromomethane	ND	ND	0.2
78-93-3	2-Butanone (MEK)	ND	ND	0.5
104-51-8	n-Butylbenzene	ND	ND	0.1
135-98-8	sec-Butylbenzene	ND	ND	0.1
98-06-6	tert-Butylbenzene	ND	ND	0.1
56-23-5	Carbon tetrachloride	ND	ND	0.1
108-90-7	Chlorobenzene	ND	ND	0.1
75-00-3	Chloroethane	ND	ND	0.4
67-66-3	Chloroform	ND	ND	0.1
74-87-3	Chloromethane	ND	ND	0.1
95-49-8	2-Chlorotoluene	ND	ND	0.1
106-43-4	4-Chlorotoluene	ND	ND	0.1
128-48-1	Dibromochloromethane	ND	ND	0.1
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	0.1
106-93-4	1,2-Dibromoethane	ND	ND	0.1
74-95-3	Dibromomethane	ND	ND	0.1
95-50-1	1,2-Dichlorobenzene	ND	ND	0.1
541-73-1	1,3-Dichlorobenzene	ND	ND	0.1
106-46-7	1,4-Dichlorobenzene	ND	ND	0.1
75-71-8	Dichlorodifluoromethane	ND	ND	0.3
75-34-3	1,1-Dichloroethane	ND	ND	0.1
107-06-2	1,2-Dichloroethane	ND	ND	0.1
75-35-4	1,1-Dichloroethylene	ND	ND	0.3
156-59-2	cis-1,2-Dichloroethylene	ND	ND	0.2
156-60-5	trans-1,2-Dichloroethylene	ND	ND	0.1
78-87-5	1,2-Dichloropropane	ND	ND	0.1
142-28-9	1,3-Dichloropropane	ND	ND	0.1
594-20-7	2,2-Dichloropropane	ND	ND	0.2

CAS#	Compound	Sample (mg/Kg)	Blank (mg/Kg)	Quantitation Limit
563-58-6	1,1-Dichloropropene	ND	ND	0.1
10061-01-5	cis-1,3-Dichloropropene	ND	ND	0.1
10061-02-6	trans-1,3-Dichloropropene	ND	ND	0.1
100-41-4	Ethylbenzene	ND	ND	0.1
87-68-3	Hexachlorobutadiene	ND	ND	0.1
591-78-6	2-Hexanone	ND	ND	0.5
98-82-8	Isopropylbenzene	ND	ND	0.1
99-87-6	p-Isopropyltoluene	ND	ND	0.1
75-09-2	Methylene chloride	ND	1.5	0.8
1634-04-4	Methyl-t-butylether (MTBE)	ND	ND	0.3
108-10-1	4-Methyl-2-pentanone	ND	ND	0.5
91-20-3	Naphthalene	ND	ND	0.1
103-65-1	n-Propylbenzene	ND	ND	0.2
100-42-5	Styrene	ND	ND	0.1
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND	0.1
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	0.1
127-18-4	Tetrachloroethylene	ND	ND	0.1
108-88-3	Toluene	ND	ND	0.1
87-61-6	1,2,3-Trichlorobenzene	ND	ND	0.2
120-82-1	1,2,4-Trichlorobenzene	ND	ND	0.2
71-55-6	1,1,1-Trichloroethane	ND	ND	0.1
79-00-5	1,1,2-Trichloroethane	ND	ND	0.1
79-01-6	Trichloroethylene	ND	ND	0.1
75-69-4	Trichlorofluoromethane	ND	ND	0.2
96-18-4	1,2,3-Trichloropropane	ND	ND	0.2
95-63-6	1,2,4-Trimethylbenzene	ND	ND	0.1
108-67-8	1,3,5-Trimethylbenzene	ND	ND	0.1
75-01-4	Vinyl chloride	ND	ND	0.3
1330-20-7	Total Xylenes	ND	ND	0.1

	Surrogates:	Percent Recovery:	Qualifier:
460-00-4	4-Bromofluorobenzene	100	
107-06-2	1,2-Dichloroethane-d4	110	
108-88-3	Toluene-d8	102	





LABORATORY REPORT

Petco Inc.
210 E. Albany
Kennewick, WA 99336

PROJECT NAME/SITE: Hahn Motors REPORT NUMBER: 67329
PROJECT NUMBER: 7961 REPORT DATE: 11/19/07
EXTRACTION DATE: 11/16/07 PAGE: 1 of 1

TOTAL 8: Quantitation of 8 Metals in Soil

Digestion: EPA 3050
Analysis: EPA 200.8: Silver (Ag), Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Mercury (Hg), Lead (Pb), Selenium (Se),

All concentrations listed in mg/Kg (ppm)

Table with 9 columns: Field ID / Lab ID, Ag, As, Ba, Cd, Cr, Hg, Pb, Se. Rows include SP-4 / W194, BLANK, and Detection Limit.

ND = Not Detected (below reporting limit or detection limit)

EPA 8082

Analyte: Polychlorinated biphenyls (PCBs) identification and quantification

All concentrations listed in mg/Kg (ppm)

Table with 10 columns: Field ID, Lab ID, AROCHLOR # (1016, 1221, 1232, 1242, 1248, 1254, 1260), Surrogate Recovery (%). Rows include SP-4, BLANK, and Reporting Limit.

Surrogate is Decachlorobiphenyl

ND = Not Detected (below reporting limit or detection limit)

## Quality Control for NWTPH-Dx

Batch Date: 11/15/2007

QC Blank Sample Number	PB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	Blank Control Limits Diesel (mg/Kg)	Blank Control Limits Oil (mg/Kg)	Blank CONTROL	Surrogate Recovery	Blank Surrogate Control Limit (%)	Blank Surrogate CONTROL
BLANK-1	D071115-1	0	0	25	100	PASS	107%	50%-150%	PASS
WBLANK	D071115-1	0	0	25	100	PASS	110%	50%-150%	PASS
BLANK-2	D071115-2	0	0	25	100	PASS	111%	50%-150%	PASS

QC LRB Sample Number	AB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	LRB Control Limit Diesel (mg/Kg)	LRB Control Limit Oil (mg/Kg)	LRB CONTROL	Surrogate Recovery	LRB Surrogate Control Limit (%)	LRB Surrogate CONTROL
LRB	68FFL-071115-1	0	0	25	100	PASS	105%	50%-150%	PASS

CCV Diesel Sample Number	Analytical Batch	Measured Concentration in extract (ug/mL)	Theoretical Concentration (ug/mL)	% Difference	CCV Control Limit (%)	Diesel CCV CONTROL
DXCCV-1	68FFL-071115-1	514.92	500	3%	±20%	PASS
DXCCV-2	68FFL-071115-1	522.96	500	5%	±20%	PASS

CCV Oil Sample Number	Analytical Batch	Measured Concentration in Extract (ug/mL)	Theoretical Concentration in Extract (ug/mL)	% Difference	CCV Control Limit (%)	Diesel CCV CONTROL
OILCCV-1	68FFL-071115-1	389.64	400	-3%	±20%	PASS
OILCCV-2	68FFL-071115-1	372.13	400	-7%	±20%	PASS

QC LCS Sample Number	PB	Diesel Result in Extract (ug/mL)	Theoretical Spike Concentration (ug/mL)	LCS Spike Recovery (%)	LCS Spike Control Limits (ug/mL)	LCS Spike CONTROL	Surrogate Recovery	LCS Surrogate Control Limits (%)	LCS Surrogate CONTROL
LCSD-1	D071115-1	285.17	255.19	112%	±30%	PASS	115%	50%-150%	PASS
WLCS	D071115-1	269.61	257.17	105%	±30%	PASS	116%	50%-150%	PASS
LCSD-2	D071115-2	311.03	255.19	122%	±30%	PASS	133%	50%-150%	PASS

**VALLEY LABS**  
**201 East D Street**  
**Yakima, WA 98901**  
**509-575-3999**  
**1-877-242-3999**  
**fax 509-575-3068**

**FAX**

Date: 12-4-07

To: Red Pardee

From: DLA

Company: PETCO

#Pages w/cover: 3

Fax#: 509-586-7773

Re: COC copies

**Comments:**

made statement at bottom of COC

about log-in date ; sending hard

copies in the mail today









# VALLEY Environmental Laboratory

Washington State Certified Lab #153 - DOE Accredited Lab C345

## Polychlorinated Biphenyls in Oil

Date Collected: 11/08/07	
Lab/Sample No: 15304305	County: YAKIMA
Sample Location: East tank	
	Date Received: 11/12/07
	Date Reported: 11/28/07
	Sample Collected By: Rod Pardee
Send Report To:	SAMPLE COMMENTS      Matrix: oil
PETCO Incorporated Attn: Rod Pardee 210 E Albany Ave Kennewick, WA, 99336	HAHN MOTORS

### Polychlorinated Biphenyls in Oil

DOH#	Analytes	Results	Units	MRL	Trigger	MCL	Method	Analyzed	Analyst
	PCBs (Total)	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1016	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1221	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1232	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1242	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1248	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1254	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	Aroclor 1260	ND	ppm	0.1			EPA 8082	11/21/07	DCR
	DCB Surrogate Std (Limits: 30 - 130%)	41.2	% Recovery				EPA 8082	11/21/07	DCR

MRL (Method Reporting Level): Indicates the minimum reporting level required and obtained by the laboratory (MDL<MRL<SRL).

Trigger: DOH Drinking Water response level. Public Systems in excess of this level must take additional samples. Recommended range on packages.

MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.

ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the MRL or SRL.

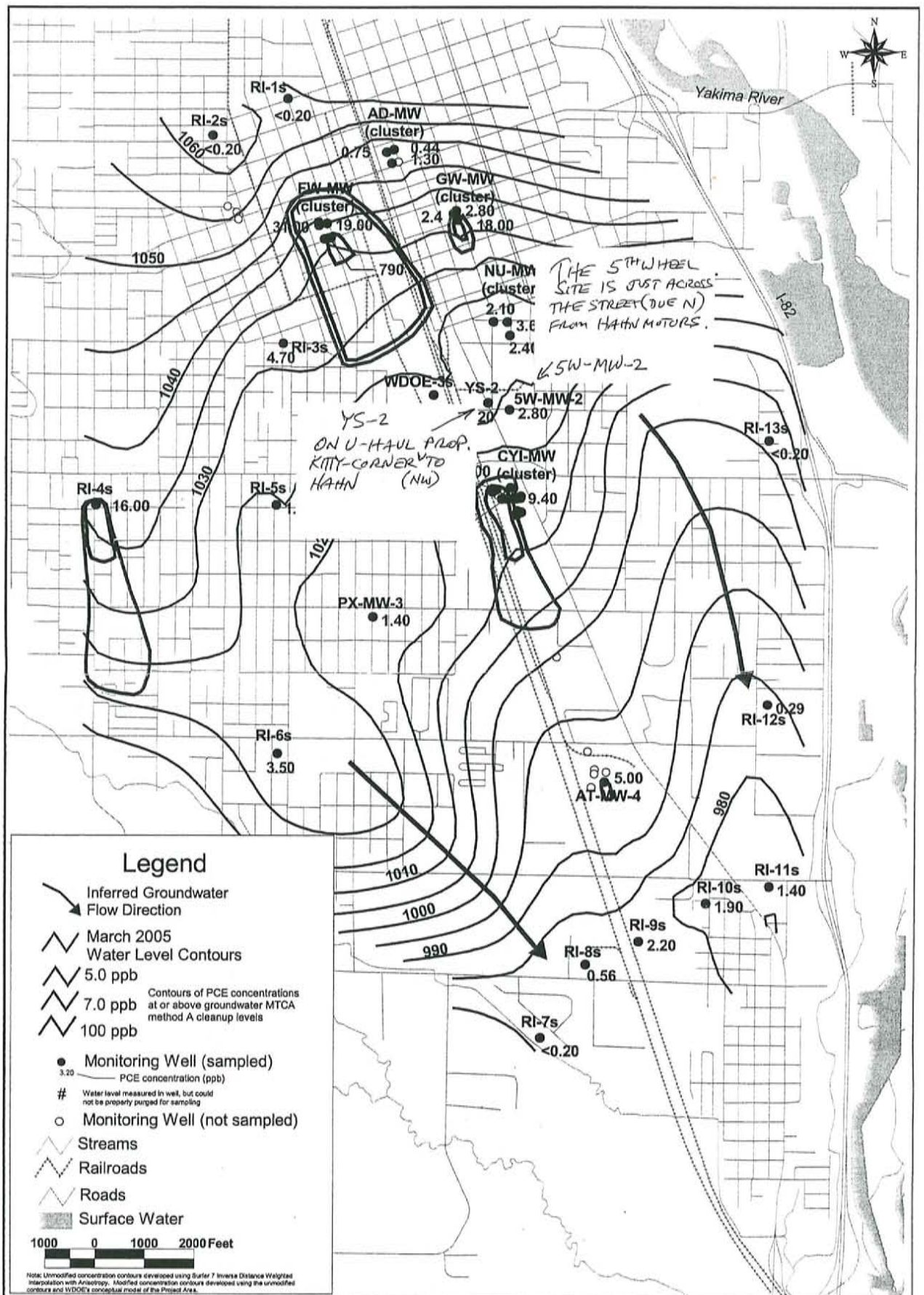
Approved By: *R. Pardee*  
04305-pcbo







**Attachment**  
**“C”**  
**Miscellaneous Documents**



## AreaYS

YRRA Well ID	Date	Depth to Water (feet)
YS-2	6/3/1999	14.90
YS-2	9/8/1999	14.40
YS-2	12/7/1999	14.78
YS-2	3/7/2000	15.52
YS-2	6/7/2000	13.75
YS-2	8/30/2000	13.10
YS-2	12/12/2000	15.25
YS-2	3/8/2001	15.77
YS-2	9/12/2001	13.44
YS-2	3/5/2002	15.62
YS-2	9/11/2002	13.65
YS-2	3/11/2003	15.75
YS-2	9/10/2003	13.64
YS-2	3/9/2004	6.96
YS-2	10/5/2004	13.52
YS-2	3/15/2005	17.05
YS-2	10/11/2005	13.50
YS-2	12/13/2005	14.96
YS-2	4/18/2006	14.50
YS-2	10/17/2006	13.19
YS-2	4/17/2007	15.71

## Area 5W

YRRA Well ID	Date	Depth to Water (feet)	Depth to Bottom (feet)
5W-MW-2	6/3/1999	15.80	34
5W-MW-2	9/8/1999	15.65	34
5W-MW-2	12/7/1999	18.00	34
5W-MW-2	3/7/2000	19.52	34
5W-MW-2	6/7/2000	15.75	33.7
5W-MW-2	8/30/2000	14.16	33.7
5W-MW-2	12/12/2000	17.98	33.7
5W-MW-2	3/8/2001	20.50	33.7
5W-MW-2	9/12/2001	14.33	33.7
5W-MW-2	3/5/2002	19.47	33.7
5W-MW-2	9/11/2002	14.54	33.7
5W-MW-2	3/11/2003	18.99	33.7
5W-MW-2	9/10/2003	14.54	33.7
5W-MW-2	3/11/2004	19.65	33.7
5W-MW-2	10/5/2004	14.92	34
5W-MW-2	3/15/2005	21.44	34
5W-MW-2	10/11/2005	15.86	34
5W-MW-2	12/13/2005	18.57	33.95
5W-MW-2	4/18/2006	18.35	33.8
5W-MW-2	10/17/2006	14.84	33.8
5W-MW-2	4/17/2007	17.51	33.8



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

15 West Yakima Avenue, Suite 200 • Yakima, Washington 98902-3452 • (509) 575-2490

July 26, 2007

**CERTIFIED MAIL**

7006 0100 0002 8191 7273

Mr. Dick Hahn  
Hahn Motor Company  
1201 S 1st Street  
Yakima, WA 98901

Re: Notice of Non-Compliance with the Underground Storage Tank Regulations Chapter 173-360 WAC at Hahn Motor Company, located at 1201 South 1st Street, Yakima, Washington, UST Site # 200130, FS # 502

Dear Mr. Hahn:

Pursuant to Chapter 90.76 Revised Code of Washington and Chapter 173-360 Washington Administrative Code (WAC), the Washington State Department of Ecology is required to regulate underground storage tanks (USTs) and UST systems. On July, 9, 2007, Ecology conducted an on-site visit to investigate the possible illegal use of two USTs containing waste oil.

Based on the site visit and the information provided by you that the USTs are used to store waste oil for heating purposes during winter months and are emptied (pumped) out by Oil Re-Refining during the summer months it was determined that both USTs are regulated. This determination was made based on the following sections of the UST regulations.

WAC 173-360-110 (1) and (2)(b) **Applicability, exemptions and deferrals**, states, "*The requirements of this chapter apply to all owners and operators of an underground storage tank system as defined in WAC 173-360-120*". The **exemption** for heating oil tanks reads (2)(h) "*UST systems used for storing heating oil for consumptive use on the premises where stored*". Under WAC 173-360-120, the definition of consumptive use means consumed on the premises.

It has also been determined that the USTs have not been upgraded in accordance with the UST regulations and therefore are in violation of the following:

WAC 173-360-310 Upgrading requirements for existing UST systems

- failure to meet upgrade requirements for existing UST system

Mr. Dick Hahn  
July 26, 2007  
Page 2

*Not later than December 22, 1998 all existing UST systems shall comply with either the new UST system performance standards under WAC 173-360-305, the upgrading requirements under WAC 173-360-310 or closure requirements under WAC 173-360-380 through 173-360-398.*

Because the UST system did not meet the performance requirements under 305 or the upgrade requirements under 310 by December 22, 1998, the UST system must be permanently closed in accordance with 385 through 398.

**DIRECTIVE**

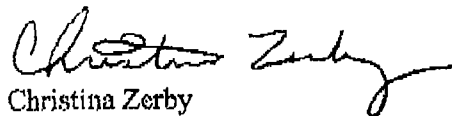
**Within 60 days of receipt of this notice** the two USTs must be closed in accordance with WAC 173-360-385 through 398, the closure requirements. The closure must be completed by a person(s) certified by the International Code Council (ICC) in tank decommission and site assessments. Washington registered professional engineers who are competent by means of examination, experience, or education to perform site assessments are not required to be certified for site assessments. The UST owner or authorized representative shall ensure the person(s) performing the work comply with WAC 173-360-630 Responsibilities of certified UST supervisors. **Within 30 days following completion of work** a site assessment report must be submitted to my attention at Department of Ecology, Underground Storage Tank Unit, 15 West Yakima Avenue, Suite 200, Yakima, WA 98902.

You must notify me when a date has been selected to begin closure activities. You may notify me by calling (509) 454-7833 or by written statement at the above-noted address.

**Failure to comply with the required directive or the UST regulations may result in administrative orders or penalties of up to \$5,000.00 per tank per day of violation.**

If you have any questions concerning this notice or the actions that must be taken by you to comply with the UST regulations, please call me at (509) 454-7833.

Sincerely,



Christina Zerby  
Underground Storage Tank Inspector  
Toxics Cleanup Program

cc: Sam Humm, HWTR-CRO



# UNDERGROUND STORAGE TANK Closure and Site Assessment Notice

FOR OFFICE USE ONLY
Site ID #: _____
Owner ID #: _____

See back of form for instructions

Please  the appropriate box(es)

- Temporary Tank Closure    Change-In-Service    Permanent Tank Closure    Site Check/Site Assessment

### Site Information

Site ID Number \_\_\_\_\_  
(Available from Ecology if the tanks are registered)  
 Site/Business Name Hahn Motor Company  
Street  
 Site Address 1201 South 1st Street

City/State Yakima, Washington  
 Zip Code 98901 Telephone (509) 453-9171

Owners Signature *Rod Pardee*

### Owner Information

UST Owner/Operator Hahn Motors  
 Mailing Address 1201 South 1st Street  
Street

City/State Yakima, Washington  
P.O. Box  
 Zip Code 98901 Telephone (509) 453-9171

### Tank Closure/Change-In-Service Company

Service Company PETCO INCORPORATED  
 Certified Supervisor Rod Pardee Decommissioning Certification No. 0878665-U2  
 Supervisor's Signature *Rod Pardee* Date 12-12-07

Address 210 East Albany Avenue  
Street  
Kennewick, Washington 99336  
City State Zip Code Telephone (509) 582-1101

### Site Check/Site Assessor

Certified Site Assessor Rod Pardee  
 Address 210 East Albany Avenue  
Street  
Kennewick, Washington 99336  
City State Zip Code Telephone (509) 582-1101

### Tank Information

Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored
East	11/07	Removal	2,000	Used Oil
West	11/07	Removal	2,000	Used Oil

### Contamination Present at the Time of Closure

Yes    No    Unknown  
 Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.  
  
 Yes    No  
 If contamination is present, has the release been reported to the appropriate regional office?

To receive this document in an alternative format, contact the TOXICS CLEANUP PROGRAM at 1-800-833-6388 (VOICE) OR 711 (TTY).





# UNDERGROUND STORAGE TANK Site Check / Site Assessment Checklist

FOR OFFICE USE ONLY

Site #: \_\_\_\_\_

Owner #: \_\_\_\_\_

## INSTRUCTIONS

When a release has **not** been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by IFCI or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

**SITE INFORMATION:** Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

**TANK INFORMATION:** Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

**REASON FOR CONDUCTING SITE CHECK/SITE ASSESSEMENT:** Please check the appropriate item.

**CHECKLIST:** Please initial each item in the appropriate box.

**SITE ASSESSOR INFORMATION:** This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section  
Department of Ecology  
PO Box 47655  
Olympia WA 98504-7655

## SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): \_\_\_\_\_

Site/Business Name: Hahn Motor Company

Site Address: 1201 South 1st Street Telephone: (509) 453-9171

Yakima, Washington 98901

City State Zip Code

## TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
East	2,000	Used Oil
West	2,000	Used Oil

## REASON FOR CONDUCTING SITE CHECK / SITE ASSESSEMENT

Check one:

- Investigate suspected release due to on-site environmental contamination.
- Investigate suspected release due to off-site environmental contamination.
- Extend temporary closure of UST system for more than 12 months.
- UST system undergoing change-in-service.
- UST system permanently closed-in service.
- UST system permanently closed with tank removed.
- Abandoned tank containing product.
- Required by Ecology or delegated agency for UST system closed before 12/22/88.
- Other (describe): \_\_\_\_\_

**CHECKLIST**

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	YES	NO
1. The location of the UST site is shown on a vicinity map.	RP	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	RP	
3. A summary of UST system data is provided. (see Section 3.1.)	RP	
4. The soils characteristics at the UST site are described: (see Section 5.2)		RP
5. Is there any apparent groundwater in the tank excavation?		RP
6. A brief description of the surrounding land use is provided. (see Section 3.1)	RP	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	RP	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	RP	
- groundwater samples distinguished from soil samples (if applicable)	N/A	
- samples collected from stockpiled excavated soil	RP	
- tank and piping locations and limits of excavation pit	RP	
- adjacent structures and streets	RP	
- approximate locations of any on-site and nearby utilities		RP
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)		RP
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	RP	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	RP	
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	RP	

**SITE ASSESSOR INFORMATION**

Rod Pardee

PETCO INCORPORATED

Person registered with Ecology

Firm Affiliated with

Business Address: 210 East Albany Avenue

Telephone: (509) 582-1101

Kennewick, Washington

99336

City

State

Zip Code

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

12-12-07

*Rod Pardee*

Date

Signature of Person Registered with Ecology

PERMIT No: 07-0123

Date Issued: 10-29-07

Fee: \$50.00

Location of work: 1201 S 1ST ST

Owner: HAHN MOTOR CO Address: 1201 S 1ST ST

Contractor: TRI VALLEY, ( ) License #: TRIVACI055KP

Responsible party: Contractor ( ) / Owner (X)

Work to begin (est.): 11-05-07 Work completed (est.): 01-05-08

Type of work: SIDEWALK CUT - REMOVE/REPLACE

Description of work:  
CUT SIDEWALK TO REMOVE UNDERGROUND TANKS

Permit Approved (Street Break Inspector) mail apple.  
Applicant \*

\* Applicant's signature certifies he has read, understands, and will comply with all the permit requirements.

PERMIT REQUIREMENTS

1. The applicant shall comply with the applicable sections of Title 8, 'Streets & Sidewalks' of the City of Yakima Municipal Code, applicable City of Yakima Standard Details, and the applicant provisions denoted below.
2. Applicant shall be responsible for all costs and expenses incident to the performing of this work and will also be responsible for any loss or damage that may be directly caused by the performing of this work.
3. A copy of this permit shall be kept in the possession of the person performing this work.
4. Open cuts in streets shall be filled, compacted and patched by the Permittee within forty-eight (48) hours after completion of work, unless the inspector agrees, in advance, to a longer time period.
5. The contractor shall furnish and maintain signs, barricades, lights, flares or any other appurtenance necessary to protect the public or when directed by the Street Inspector in accordance with the MUTCD, Sec. VI.
6. All work shall be performed to the satisfaction of the City Engineer. If said work is not completed or approved the City Engineer will hire the work done and the applicant shall pay all costs, in full.
7. THIS PERMIT IS VALID FOR 60 CALENDAR DAYS FROM DATE OF ISSUE.
8. THE RESPONSIBLE PARTY SHALL INSURE THAT THE STREET BREAK INSPECTOR IS NOTIFIED ONE WORKING DAY IN ADVANCE OF STARTING WORK AND KEEP THE INSPECTOR INFORMED ON THE PROGRESS OF WORK SO INSPECTIONS CAN BE MADE. WORK ACCOMPLISHED WITHOUT PROPER NOTIFICATION SHALL BE REDONE WITH PROPER INSPECTION.
9. CALL FOR INSPECTION ..... 576-6464 or 728-3459  
CALL FOR BURIED UTILITY LOCATION PRIOR TO DIGGING .....1-800-553-4344

PAYMENTS:

	50.00 CHECK	8220
	-----	
TOTAL PAYMENT	\$50.00	

CITY OF YAKIMA  
 APPLICATION FOR STREET BREAK PERMIT  
 CUT OR CONSTRUCTION  
 Curb - Street - Alley - Sidewalk - Driveway

Today's Date October 24, 2007 Work Start Date: Nov. 5, 2007 \$50.00

Please complete all information. Incomplete information will delay approval of this application and permit issuance.

Exact Street Address of Work: <b>1201 S. 1st Street</b>	
Owner Information Name: <b>Hahn Motor Company</b>	Contractor Information (Consultant) Name: <b>PETCO INCORPORATED</b>
Address: <b>1201 S. 1st Street Yakima, Washington 98901</b>	Address: <b>210 E. Albany Avenue Kennewick, Washington 99336</b>
Phone: <b>509/453-2646</b>	Phone: <b>509/582-1101</b>
Responsible Party (Must be Property Owner if the Contractor does not have a Washington State Registration Number)  <input checked="" type="checkbox"/> Property Owner <input type="checkbox"/> Contractor	Contractor's State Registration Number:
	Contact Person: <b>Rod Pardee</b>

Please complete all information. Incomplete information will delay approval of this application and permit issuance.

*Fax - 509  
586-7773*

If this application is for new construction, you must provide a copy of your plans that have been approved by Codes Administration and/or Engineering. If this application is for the placement of new or repair of structure in the right-of-way, please use the reverse side of this form or separate sheet of paper to provide a sketch or drawing that shows the property's general location within the city and where on the property the work will be done. Please include details on the drawing such as dimensions, utility locations, existing structure, etc. Please indicate the number of attachments here: [ ]

Briefly state the purpose of this work and what will be done: Remove two (2) USTs [underground storage tanks] under sidewalk -- Tri-Valley Construction to excavate & backfill -- Columbia Asphalt to replace.

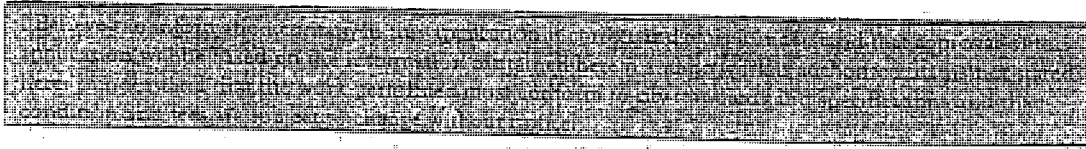
*TRIVACI  
B SKP*

Please check all that apply:

<input type="checkbox"/> Commercial Driveway	<input type="checkbox"/> Curb - New	<input type="checkbox"/> Alley Cut - ASPHALT
<input type="checkbox"/> Residential Driveway - NEW	<input type="checkbox"/> Curb - CUT/REPLACE	<input type="checkbox"/> Alley Cut - DIRT
<input type="checkbox"/> Residential Driveway - REPLACE	<input type="checkbox"/> Street Cut - ASPHALT	<input type="checkbox"/> Excavate Right of Way Only
<input type="checkbox"/> Sidewalk - NEW	<input type="checkbox"/> Street Cut - CONCRETE	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Sidewalk - CUT/REPLACE	<input type="checkbox"/> Street Cut - DIRT	



Backfill must be 100% select (5/8 minus) full depth of trench. State your method compaction or exception to backfill:  
**NO EXCEPTIONS**



Name of Applicant (Please Print) Hahn Motor Co.; by Rod Pardee, Consultant  
 Signature of Applicant: *Rod Pardee* Date: 10/24/07



William R. Cook, Director
Doug Maples, CBO, Code Admin. and Planning Manager
Office of Code Administration
129 North Second Street, 2nd Floor Yakima, Washington 98901
(509) 575-6126 or 575-6121 • Fax (509) 576-6576 • codes@ci.yakima.wa.us

Project#: 48472
Commercial: invalid proj subty
Start Date: 11/06/07

\*\*\*\*\* APPLICATION INFORMATION \*\*\*\*\*

Location: 1201 S 1ST ST City: Yakima
Lot: Block: Addition:
Parcel #: 19133013002

Owner Name: HAHN MOTOR CO
Phone:
Mailing Address: 1201 S 1ST ST YAKIMA, WA 98902

Zoning: CBDS Occupancy Group:
Land Use: #Units: 1 #Stories: 1
Set Backs: Front Left Right Rear

Description of Work:
REMOVAL OF TWO UNDERGROUND STORAGE TANKS; 1) 3000 GAL TANK AND 2) 1500 GAL TANK

I hereby certify that I have read and examined the information on this application and know the same to be true and correct. The granting of this permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction.

Further, I understand and agree that the construction for which this permit is required shall be subject to inspection by the building official or his designee and such construction shall remain accessible and exposed for inspection purposes until approved.

It is a misdemeanor, punishable by a fine of up to \$5,000, for any contractor to: (a) advertise, offer to do work, submit a bid, or perform any work as a contractor without being registered by the Department of Labor and Industries; or (b) advertise, offer to do work, submit a bid, or perform any work as a contractor when the contractor's registration is suspended.

I hereby certify that as a contractor I am currently registered and properly licensed as defined in RCW 18.27.010-110. I, (print name) certify under penalty of perjury under the laws of the state of Washington that the foregoing is true and correct.

Contractor Signature

I acknowledge that I am applying for a construction permit through the City of Yakima Office of Code Admin. and Planning. I also acknowledge that I am not a licensed contractor, specialty or general, or that I am not acting as a contractor and wish to be exempt from the requirements of the Washington State Contractor's Act, per RCW 18.27.090, and will abide by all provisions and conditions of the exemption as stated. I agree that if I use the assistance of any person(s) to provide labor and/or assistance, I will retain only contractors registered and currently licensed as required under the laws of the State of Washington, I, (print name) certify under penalty of perjury under the laws of the state of Washington that the foregoing is true and correct.

Owner Signature (or Authorized Agent)

\*\*\*\*\* PERMIT INFORMATION \*\*\*\*\*

Permit #: 40572 Fire: Fuel Tanks
Contractor: TRI VALLEY CONSTRUCTION INC Phone: 509 452-4098
Address: 1008 N 1ST ST YAKIMA, WA 98901
License: TRIVACI055KP Expiration Date: 05/10/09

Table with 5 columns: Item, Qty, Unit Cost, Amount, Check#. Rows include 97 Fire Review Fee and 233 Fire Insp (Min 1 hr). Total Permit Amount: 94.00

\*\*\*\*\* DEPARTMENTAL CLEARANCE \*\*\*\*\*

Engineering Date Code Administration Date

\*\*\*\*\*

This permit becomes null and void if work or construction authorized is not commenced within 180 days or if construction or work is suspended or abandoned for a period of 180 days at anytime after work is commenced.

\*\*\*\*\* PAYMENT INFORMATION \*\*\*\*\*

Fire 94.00
TOTAL AMOUNT DUE: 94.00

PROJECT: 48472 PERMIT: 40572





DEPARTMENT OF COMMUNITY AND ECONOMIC DEVELOPMENT

Office of Code Administration \* codes @ ci.yakima.wa.us

Doug Maples, CBO, Code Admin. and Planning Manager \* www.ci.yakima.wa.us  
129 North Second Street, 2nd Floor

Yakima, Washington 98901

(509) 575-6126 or 575-6121 \* Fax (509) 576-6576

Underground Storage  
Tank Removal Checklist

(Fuel/Vapors+Oxygen+Ignition Source=Explosion)

If there are multiple tanks at one location, the fee is \$47 per tank and one checklist. If there are multiple sites, the fee is \$47 per tank and one checklist is submitted for each site. Tanks greater than 10,000 gallons require SEPA review and approval through City Planning (509) 575-6183 prior to tank removal.

NOTE: Tanks 10,000 gallons or greater require the submittal and approval of a SEPA application with City of Yakima Planning Division (509) 575-6183, prior to tank removal permit issuance.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR  
TO CONTACT THE FIRE INSPECTOR ASSIGNED  
TO THE SITE TO SCHEDULE AN  
INSPECTION TO WITNESS TANK REMOVAL.

Location: 1201 S. 1st Street

Date of Removal: November 5, 2007

Business Name: Hahn Motor Company

Contractor Name: Tri-Valley Construction, Inc.

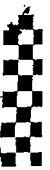
Contractor Regis #: TRIVACI055KP

Contractor Phone & Fax Number: 509-452-4098 / 509-248-9800

**Tank Information**

- Cleaned on site
- Cleaned off site

How are tanks being disposed of:  
Will be hauled for scrap metal at Northwest Truck



- ( ) Motorized equipment grounded: \_\_\_\_\_
- ( ) Utility/Gas/Water lines marked: \_\_\_\_\_
- ( ) Safety lines in place to prevent public access: \_\_\_\_\_

### Tank Removal Process

- ( ) Remove product.
- ( ) Drain Product lines as they become accessible.
- ( ) Remove pipes and appurtenances, except vent pipe. Flammability range: gas 1.4-7.6%, diesel 1.3-6%, #6 oil 1-5%. Below these ranges would be too lean to ignite/above these ranges too rich to ignite.
- ( ) Monitor with explosion meter to determine if it is safe to begin sludge removal process. Readings of 10% or less of the lower flammable limit (LEL) shall be obtained in the bottom, middle, and upper portion of the tank and in the vent line before the tank shall be considered safe for opening NFPA 3-4.4.

If vapors are at an acceptable level for cleaning, the following safety procedures should be observed:

- 1) Immediately prior to entry or re-entry of a tank, the atmosphere shall be tested and monitored as follows: NFPA 3-6.2.
- 2) The oxygen content inside the tank shall be monitored with a properly calibrated oxygen analyzer NFPA 3-6.2.1.
- 3) The concentration of flammable vapors shall not exceed 10% of the lower flammable limit and shall be monitored with a properly calibrated combustible gas indicator NFPA 3-6.2.2.
- 4) Any other hazards that have been identified for the material(s) stored shall be appropriately monitored NFPA 3-6.2.3.
- 5) Personnel entering the tank shall be equipped with positive pressure air-supplied equipment with full-face enclosure and a safety harness connected to a safety line tied off and held by a standby person outside the tank NFPA 3-6.3.
- 6) Protective clothing that is impervious to the stored product shall be required. Protective clothing shall cover the arms, legs, torso and head. Clothing that becomes saturated with the stored product shall be removed immediately, NFPA 3-6.4.

( ) How is sludge being disposed  
of: Oil Re-Refining

( ) Type of product in tank: \_\_\_\_\_

( ) Tank capacity: 3000/1500

( ) Estimated age of tank: \_\_\_\_\_

( ) Is tank being replaced? \_\_\_ Yes \_\_\_ No  
If yes, with what type of capacity of tank?

( ) Have necessary permits and approval been obtained?

( ) **Inerting** (replacing oxygen w/non-reactive gas so it doesn't support explosion> Dry ice gas from solid to heavier than air gaseous form of CO2 displaces oxygen and some product). Bottled CO2 into tank is riskier due to potential static charges. Compressed inert gas nitrogen is introduced under low pressure, which is pumped through opening to bottom of tank, then mixes and distributes throughout tank. Testing is done with oxygen indicator.

( ) **Purging** (replacing vapors w/air through diffuser or eductor, moving vapors up and away from tank). Where purging the tank with air, the air pressure in the tank shall not exceed 5 psig NFPA 3-3.2. Diffused airblowers and eductors shall be properly bonded to prevent the generation of static electric charges NFPA3-3.1/3-3.3.2. Weather conditions must allow for safe dispersal of vapors around tank.

( ) **Water** (residual product goes to top and is pumped off and disposed of. Impractical for larger tanks due to amount of work involved.)

#### Precautions

( ) Explosion Meter on Site

( ) Two (2) fire extinguishers w/ minimum rating of not less than 4A: 80BC on site: \_\_\_\_\_ NFPA2-2.4

( ) Soil contamination evident: \_\_\_\_\_

( ) Tank(s) blocked: \_\_\_\_\_

( ) Method of notifying Fire Dept. provided in case of emergency NFPA2-2.5

( ) Non-sparking tools used on site: \_\_\_\_\_

( ) No Smoking/No open Flames within 25' in all directions,  
FLAMMABLE - NO SMOKING signs posted conspicuously NFPA2-2.1

( ) Precautions shall be taken to prevent the accumulation and discharge of static electricity NFPA2-2.6



- 7) The vent line shall remain clear and unobstructed to allow continuous ventilation. All other lines and openings shall be plugged or capped off to ensure that no liquids or vapors can enter the tank NFPA 3-6.6.
- 8) Sludge accumulation on the bottom of the tank shall be removed and placed in approved containers. Removal of sludge shall include removing all visible moisture and liquids with the use of an absorbent material and broom sweeping. During and after sludge removal, ventilation shall be continued to remove any vapors that might be generated NFPA 3-7.
- 9) Ventilation shall be continuous while personnel are in the tank. Air-driven equipment shall be used for opening the tank. No cutting torch or other flame producing equipment shall be used for cutting into the tank NFPA 3-5.1.
- 10) If no manway exists, an opening having a minimum dimension of 18" x 18" and maximum dimension of 24" x 24" shall be cut through the end cap.
- 11) Air-driven pump motors and suction hoses shall be bonded to the tank to prevent static electricity NFPA 3-2.3.
- 12) Soil contamination evident?  Yes  No
- 13) After cleaning tank a visual inspection should take place and testing of tank with explosion meter.
- 14) If tank is being closed in the place after cleaning it should be filled completely with sand or concrete, openings plugged and vent lines disconnected or removed.
- 15) If tank is being transported is should be:
  - tested before transport
  - permit displayed and labeled accordingly
  - capped and plugged except for 1/8" vent pipe

The information provided herein shall not be construed to permit violation of any City, State and/or federal laws. To insure that the information/requirement stated have not been amended, please contact the Offices of Code Administration at 509/575-6126, to confirm current standards and/or codes.

CONTACT STATE OF WASHINGTON, DEPARTMENT OF ECOLOGY, 15 W YAKIMA AVENUE #200,  
YAKIMA, WA 98901 509/575-2491 TO VERIFY WHAT IF ANY STATE STANDARDS ARE APPLICABLE.  
1/4/2007 4:06 PM

**CITY OF YAKIMA**

**COMMERCIAL PROJECT INSPECTION SHEET**

Job Address 1201 S 1ST ST Project Number 48472  
 Building Permit# \_\_\_\_\_  
 Plumbing Permit# \_\_\_\_\_  
 Mechanical Permit# \_\_\_\_\_  
 Sprinkler Permit# \_\_\_\_\_ Suppression System Permit# \_\_\_\_\_  
 Alarm Permit# \_\_\_\_\_  
 Occupancy Group \_\_\_\_\_  
 Type of Construction \_\_\_\_\_

*Call 576-6682 for inspection (36-48 HOURS NOTICE REQUIRED)*

<b><u>STRUCTURE</u></b>	<b>Completion</b>	<b>Insp</b>	<b><u>FIRE</u></b>	<b>Completion</b>	<b>Insp</b>
Setbacks & Footings	_____	_____	<u>Sprinklers</u>		
Foundation	_____	_____	Underground	_____	_____
Groundwork Plumbing	_____	_____	Piping	_____	_____
Slab Rebar	_____	_____	Flush	_____	_____
Bond Beam	_____	_____	Hydro	_____	_____
Retaining Wall	_____	_____	Overhead	_____	_____
Ext. Weather-Proofing	_____	_____	Hydro	_____	_____
Roof Sheathing	_____	_____	Layout	_____	_____
Braced Wall Panels	_____	_____	Final	_____	_____
Floor Framing	_____	_____			
Framing	_____	_____	<u>Alarms</u>	_____	_____
Rough-in Plumbing	_____	_____			
Water Piping Test	_____	_____	<u>Suppression</u>	_____	_____
Rough-in Mechanical	_____	_____			
Gas Piping / Air Test	_____	_____	<u>Lock Box</u>	_____	_____
Insulation	_____	_____			
Sheetrock (Gyp) Nailing	_____	_____	<u>Other</u>	_____	_____
Ceiling Grid Bracing	_____	_____			
Stucco Underlayment	_____	_____	<u>Fire Extinguishers</u>	_____	_____
Stucco Building Cover	_____	_____			
Water Service	_____	_____	<u>Fire Hydrants</u>	_____	_____
Sewer Line	_____	_____			
Backflow Prevention	_____	_____			
Site Drainage/Ret Pits	_____	_____			
Oil / Water Separator	_____	_____			
Sampling Port	_____	_____			
Final Plumbing	_____	_____	Final / Fire Inspector _____		
Final Mechanical	_____	_____	Final Fire Insp. Date _____		
Final Electrical	_____	_____			
Final Building	_____	_____			
Final Sign	_____	_____			
Final ADA Prkng/Sign	_____	_____			
Final Roof	_____	_____			

*Mary Valladares*  
*576-6682*  
*728-3193*

# **PETCO INCORPORATED**

December 6, 2007

Ted Silvestri  
Yakima County Environmental Health Dept.  
1210 Atanum Ridge Drive  
Union Gap, Washington 98903

Re: Petroleum Contaminated Soil Residuals from Hahn Motors UST  
decommissioning.

Greetings,

In November, during the routine decommissioning of two heating oil tanks, several cubic yards of petroleum contaminated soil was accumulated and placed on visqueen. The tanks had contained used motor oil for heating purposes on site. Upon removal of the asphalt and concrete coverings for disposal as solid waste it was observed that overfill contamination existed and would need to be dealt with.

About 50 cy of soil and solid waste in the form of asphalt and concrete was removed from Hahn Motors, 1201 S. 1st St. and stored on vacant property owned by Hahn Motors about one block to the east. There were a total of four stockpiles. Stockpile #1, about 15 cy, was Expected to be contaminated. A hit of 4980 ppm using the NW-TPH Dx method. This sample was submitted for further analysis (8 metals) and found to be slightly contaminated with lead. See Wy East lab report #67310. This sample was gathered and submitted for analysis as thought to be the worst case sample.

Stockpile #2 is "solid waste pile" (concrete & Asphalt from surface), it was not sampled and will be disposed of as "solid waste." Stockpile #3, about 8-10 cy, was separated and our "thought to be clean" pile. NWTPH-Dx revealed 448 ppm heavy oils. Stockpile #4, about 20 cy, was "thought to be contaminated". A sample of the darkest, most obvious stained was obtained and submitted for NW-TPH Dx and 8 metals. Results were "ND" on the TPH, however this sample revealed some metal hits including lead at 12 ppm. See Wy East lab report #67329.

Wy' East laboratory reports #67310 and 67329 are included for your further scrutiny. I trust this brief explanation along with the lab reports will be sufficient for you to issue a permit to dispose of subject materials at the Anderson Disposal Facility in Yakima.

I understand that there are certain charges associated with the issuance of such a permit. May I direct you to submit said costs directly to Mr. Dick Hahn, Hahn Motors. He has direct me to advise you that he will be responsible for reasonable charges associated with issuance of the permit. I have spoken to the Anderson people and they await your permit.

Please submit invoice to:

Mr. Douglas O. Hahn  
Director of Operations  
Hahn Motors  
1201 S. 1st St.  
Yakima, Washington 98901

Please provide copies of permit to me, as I am arranging the transportation of said materials.

Rod Pardee  
PETCO INCORPORATED  
210 East Albany Avenue  
Kennewick, Washington 99336  
Petco@intergate.com

I trust this submittal will be sufficient for you to act upon. Should you have questions, or need additional information please do not hesitate to call my office at 509/6582-1101 or my cell phone at 509/948-2879.

Regards,

A handwritten signature in black ink, appearing to read "Roderick L. Pardee". The signature is fluid and cursive, with a large initial "R" and "P".

Roderick L. Pardee  
Registered UST site Assessor and  
Decommissioning Supervisor

RLP/jw

Cc: Douglas O. Hahn, Director of Operations, Hahn Motors



**Yakima Health District**  
1210 Ahtanum Ridge Drive  
Union Gap, Washington 98903  
Phone (509) 575-4040

December 7, 2007

Mr. Douglas O. Hahn  
C/O Hahn Motors  
1201 South 1st Street  
Yakima, WA 98901

RE: Hahn Motors UST decommissioning, stockpile #1, 1201 South 1st Street, Yakima, WA : Petroleum Contaminated Soil

Mr. Douglas O. Hahn,

This office has reviewed the data on the above mentioned project. The data submitted indicates that the contaminant(s) which require(s) remediation is/are heavy oil. Based on the data submitted it has been determined that the soil may be processed at the Anderson PCS Facility provided that all handling is in accordance with the procedure that has been approved by this office and Washington State Department of Ecology. This letter is to notify you that currently the soil will be considered to be stored on the property and no treatment can begin until the total fee is paid. Waste material may be stored for up to 90 days. Anderson PCS Facility will notify me of the total number of tons delivered for treatment and I will bill you for the remainder of the fee at that time.

Stockpiles 2, 3, & 4 are solid waste and may be handled as such.

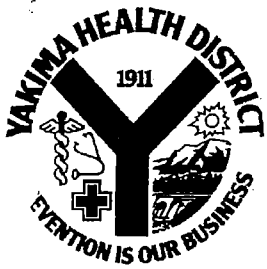
FEE ACCOUNT:	Hahn Motors
PROJECT NAME:	Hahn Motors UST decommissioning 1201 South 1st Street Yakima, WA
PRE-TREATMENT AUTHORIZATION:	(Based on time spent prior to soil delivery to the site at \$98/hour)
TONNAGE FEE AT \$0.42 PER TON:	To be determined after delivery
BALANCE OWED:	To be billed after delivery

If you have any questions regarding this letter please contact me at (509) 249-6562.

Sincerely,

Ted Silvestri, RS  
Environmental Health Specialist

cc: Anderson PCS Facility  
Rod Pardee, Petco, Inc.



**Yakima Health District**  
1210 Ahtanum Ridge Drive  
Union Gap, Washington 98903  
Phone (509) 575-4040

December 31, 2007

Mr. Douglas O. Hahn  
C/O: Hahn Motors  
1201 South 1st Street  
Yakima, WA 98901

RE: Hahn Motors UST decommissioning, 1201 South 1st Street, Yakima, WA; Petroleum Contaminated Soil

Mr. Douglas O. Hahn,

This office has received verification from the Anderson PCS Facility that 22.65 tons of soil was delivered for treatment. This letter is to notify you that currently the soil is considered to be stored on the property and no treatment can begin until the total fee is paid. Waste material may be stored for up to 90 days.

FEE ACCOUNT:	Hahn Motors
PROJECT NAME:	Hahn Motors UST decommissioning 1201 South 1st Street Yakima, WA
PRE-TREATMENT AUTHORIZATION: (15 minutes) (Based on time spent prior to soil delivery to the site at \$98/hour)	\$ 24.50
TONNAGE FEE AT \$0.42 PER TON:	\$ 9.51
BALANCE OWED:	\$ 34.01

If you have any questions regarding this letter please contact me at (509) 249-6562. PLEASE ENCLOSE A COPY OF THIS LETTER WITH YOUR PAYMENT, MAKE CHECKS PAYABLE TO THE YAKIMA HEALTH DISTRICT, AND INCLUDE THE INVOICE NUMBER (SEE INCLOSED INVOICE) ON THE CHECK.

Sincerely,

Ted Silvestri, RS  
Environmental Health Specialist

cc: Anderson PCS Facility

8018066

# Sales Order

Yakima Health District  
 10000 Mtanum Ridge Drive  
 Yakima, WA 98903  
 509.54040

Order Number: 8018066  
 Order Date: 12/31/2007

Salesperson:  
 Customer Number: 53-HAHN

Sold To:  
 HAHN MOTORS  
 1201 SOUTH MOTORS  
 Yakima, WA 98901  
 Confirm To:

Ship To:  
 HAHN MOTORS  
 1201 SOUTH MOTORS  
 Yakima, WA 98901

Customer P.O.	Ship VIA	F.O.B.	Terms
			NO TERMS

Item Number	Unit	Ordered	Shipped	Back Order	Price	Amount
/3016	MIN	15.00	0.00	0.00	1.6330	24.50
Other Solid Waste Services						
PER LETTER DATED 12/31/07 TS/en						
/3001	DTON	22.65	0.00	0.00	0.4200	9.51
PCS Quantity Fee-Yak Cty						

If you have questions - call Sharon 249-6538  
 PLEASE NOTE: WE HAVE NEW MAILING ADDRESS!

Net Order:	34.01
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
<b>Order Total:</b>	<b>34.01</b>

Subj: Disposal of used oil sludge dangerous waste from Hahn Motors two oil tank removals  
Date: Wed, 12 Dec 2007 08:31:22 -0800  
From: "Granberg, Richard L. (ECY)" <DGRA461@ecy.wa.gov>

---

Rod,

As we discussed by phone this week, I am compiling the requirements for disposal of the used oil sludge from Hahn Motors through this e-mail. Also, if you have questions about any requirements please call me at the number listed at the end of this e-mail, or feel free to call any of the contacts referred to in this communication.

Since there is already an EPA/State ID number assigned to that location at 1201 S. 1st. St. in Yakima, a change to the current notification must be made. I was informed that Liz Mize of Hahns is connected to our database called Turbo Waste and all she needs to do is to update the Site ID form to reflect this one time shipment. That can be done online and if she has any questions she can call Tonya Wolfe at (360) 407-6023.

The waste codes that need to be used for drum labeling and for listing on the manifest are D004, D006, D007, D008. You also may use WP02 as a Washington State Waste code, however that is not required.

The second step includes a Uniform Hazardous Waste Manifest that must be completed before the waste can be released to a notified transporter for shipment to a facility permitted to accept the waste for disposal. After the waste has arrived at the permitted facility, Hahn Motors should receive a signed copy of the manifest stating that the waste has been properly disposed. They then need to keep a copy of this signed manifest in their records for a period of 5 years from the date that the waste was first picked up by the first transporter. Hahn will also have to report the waste on an annual report to Ecology by March 1 of the year after the waste was shipped. This can also be done online through Turbo Waste.

As we discussed by phone on 12/10/2007, there are requirements that must be met by the facility where this dangerous waste is sent to for disposal. This used oil containing greater than 1,000 parts per million halogens is presumed to be dangerous waste as provided by 40 CFR 279.10(b)(1). Such used oil is also subject to 40 CFR Subpart H of Part 266. Sam Hunn and I did a Chlor-d-test on our samples from both tanks and the newest tank had 2,500 parts per million chlorine compounds and the oldest tank had >4,000.

Also as we discussed, you will need to choose a service provider that can help you and Hahn Motors through this process. As an employee of a State of Washington agency, I cannot make a recommendation for a particular disposal contractor. I can however direct you to our web site where you can download a copy of the "Hazardous Waste Services Directory" that contains information provided to Ecology by private disposal companies. You can get that online at [www.ecy.wa.gov/apps/hwtr/hwsd/](http://www.ecy.wa.gov/apps/hwtr/hwsd/) or if you cannot access that site, let me know and I will send you a hard copy.

The steps covered here are always required any time used oil tanks with sludge are removed from service.

After the waste has been disposed, I need a copy of the final manifest for our records here at the Central Regional office. Do not hesitate to call me if you have any questions or concerns about the requirements for disposal of this waste.

---

Richard Granberg  
Hazardous Waste and Toxics Reduction Program  
(509) 457-7147  
FAX (509) 575-2809  
dgra461@ecy.wa.gov



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>WAD988485769</b>	2. Page 1 of 1	3. Emergency Response Phone <b>1-800-458-1760</b>	4. Manifest Tracking Number <b>000055874 SKS</b>	
5. Generator's Name and Mailing Address <b>WHN MOTOR CO 1 S 1ST ST KIMA WA 98907</b>				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name <b>SAFETY-KLEEN SYSTEMS, INC.</b>				U.S. EPA ID Number <b>TXR000050930</b>		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>SAFETY-KLEEN SYSTEMS, INC. 1722 COOPER CREEK ROAD DENTON, TX 76208</b>				U.S. EPA ID Number <b>000618</b>		
Facility's Phone <b>940-483-5200</b>				TXD077603371		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name; Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	X	<b>NA3082, HAZARDOUS WASTE LIQUID, N.O.S. (CADMIUM, LEAD) 9 PGIII RC(D008)</b>	No.	Type		
			11	DM	4900	P
						D004 D006 D007
						D008 OUTS 603H
14. Special Handling Instructions and Additional Information <b>SK TRCK#109228199 0000014014</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. <b>SK AUTH'D TO USE SUBSEQUENT CARRIERS: 41078, 41471, 81681, 82739, 85399</b>						
Generator's/Offero's Printed/Typed Name <i>Henis Hum Old</i>		Signature <i>Henis Hum Old</i>		Month Day Year <b>01 21 00</b>		
TRANSPORTER INTL	16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
	17. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name <i>Shan Chin</i>		Signature <i>Shan Chin</i>		Month Day Year <b>01 21 00</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
18c. Signature of Alternate Facility (or Generator)						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
20. Designated Facility Owner or Operator; Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month Day Year		

<54474-R5732  
LOCATION: 118302

SAFETY-KLEEN  
LDR NOTIFICATION FORM

01/23/08 PAGE: 1  
15:46:10

GENERATOR NAME: HAHN MOTOR CO

MANIFEST NO.: 00005587454  
OR SALES SERVICE NO.: 0

CUST#: 0000-0140-14

PUANT TO 40 CFR 268.7(A), I HEREBY NOTIFY THAT THIS SHIPMENT CONTAINS  
WASTE RESTRICTED UNDER 40 CFR PART 268 LAND DISPOSAL RESTRICTIONS (LDR).

A. GENERAL WASTE NOTIFICATION

LDR FORM LINE NO.: 1 MANIFEST PAGE/LINE# 01/001 SK PRFL NO.: 0040239862 0000

PQ SKDOT#: 0195631

EPA WASTE CODES & LDR SUBCATEGORIES (IF ANY)  
D004 D006 D007 D008

TREATABILITY GROUP: NONWASTEWATERS

WASTE CONSTITUENT NOTIFICATION: NONE

NOTES

EXP NOTICE THIS LDR EXPIRES ON 12/31/2008

*James Hunsfeld*  
GENERATOR'S AUTHORIZED  
SIGNATURE

*James Hunsfeld*  
NAME & TITLE  
(PRINTED OR TYPED)

01 / 24 / 08  
DATE

SEQ#: 0 LOC: 118302

TERR:

REF#:

0 SW:

TOP COPY: GENERATOR

MIDDLE COPY: FACILITY

BOTTOM COPY: TRANSFER

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>WAD988485769</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>1-800-468-1760</b>		4. Manifest Tracking Number <b>000055874 SKS</b>		
		5. Generator's Name and Mailing Address <b>WIN MOTOR CO 31 S 1ST ST TAKIMA WA 98907</b>								
6. Transporter 1 Company Name <b>SAFETY-KLEEN SYSTEMS, INC.</b>		U.S. EPA ID Number <b>TXR000050930</b>		7. Transporter 2 Company Name U.S. EPA ID Number:						
8. Designated Facility Name and Site Address <b>SAFETY-KLEEN SYSTEMS, INC. 1722 COOPER CREEK ROAD DENTON, TX 76208</b>		U.S. EPA ID Number <b>000618</b>		Facility's Phone: <b>940-483-5200</b> U.S. EPA ID Number <b>TXD077603371</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name; Hazard Class, ID Number and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	NA3082, HAZARDOUS WASTE LIQUID, N. O. S. (CADMIUM, LEAD) PGIII RQ(D008)			11	DM	4400	P	D004 D006 D007 D008 OUS 603H	
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information <b>SK TRCK#109228199 0000014014</b>										
<b>SK AUTH'D TO USE SUBSEQUENT CARRIERS: 41078 41471 81681 82739 85399</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offero's Printed/Typed Name <i>Henri Humfeld</i>				Signature <i>Henri Humfeld</i>				Month Day Year <i>01 21 00</i>		
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <i>Shan Chin</i>				Signature <i>Shan Chin</i>				Month Day Year <i>01 21 00</i>		
Transporter 2 Printed/Typed Name				Signature				Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:										
DESIGNATED FACILITY										
18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name				Signature				Month Day Year		

K54474-R5732  
LOCATION: 118302

SAFETY-KLEEN  
LDR NOTIFICATION FORM

01/23/08 PAGE: 1  
15:46:10

GENERATOR NAME: HAHN MOTOR CO

MANIFEST NO.: 00005587456  
OR SALES SERVICE NO.: 0

CUST#: 0000-0140-14

IN ACCORDANCE WITH 40 CFR 268.7(A), I HEREBY NOTIFY THAT THIS SHIPMENT CONTAINS  
WASTE RESTRICTED UNDER 40 CFR PART 268 LAND DISPOSAL RESTRICTIONS (LDR).

A. GENERAL WASTE NOTIFICATION

LDR FORM LINE NO.: 1 MANIFEST PAGE/LINE# 01/001 SK PRFL NO.: 0040239862 0000

EPA WASTE CODES & LDR SUBCATEGORIES (IF ANY)  
D004 D006 D007 D008

PQ SKDOT#: 0195631

TREATABILITY GROUP: NONWASTEWATERS

WASTE CONSTITUENT NOTIFICATION: NONE

----- N O T E S -----  
EXP NOTICE THIS LDR EXPIRES ON 12/31/2008

*[Signature]*  
GENERATOR'S AUTHORIZED  
SIGNATURE

*[Signature]*  
NAME & TITLE  
(PRINTED OR TYPED)

01 / 24 / 08  
DATE

SEQ#: 0 LOC: 118302

TERR:

REF#:

0 SW:

TOP COPY: GENERATOR

MIDDLE COPY: FACILITY

BOTTOM COPY: TRANSFER

1-183-02.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>WAD988485769</b>	2. Page 1 of 1	3. Emergency Response Phone <b>1-800-458-1760</b>	4. Manifest Tracking Number <b>000055874 SKS</b>			
5. Generator's Name and Mailing Address <b>HAIN MOTOR CO 1201 S 1ST ST YAKIMA WA 98907</b>				Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name <b>SAFETY-KLEEN SYSTEMS, INC.</b>				U.S. EPA ID Number <b>TXR000050930</b>				
7. Transporter 2 Company Name <b>Rockett, Inc</b>				U.S. EPA ID Number <b>TXR000025072</b>				
8. Designated Facility Name and Site Address <b>SAFETY-KLEEN SYSTEMS, INC. 1722 COOPER CREEK ROAD DENTON, TX 76208</b>				U.S. EPA ID Number <b>TXD077603371</b>				
Facility's Phone: <b>940-483-5200</b>								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			D004	D006	D007
X	<b>NA3082, HAZARDOUS WASTE LIQUID, N.O.S. (CADMIUM, LEAD) 9 PGIII RQ(D008)</b>	11	DM	4400	P	D008	OUTS	603H
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information <b>PP</b>				<b>SK TRCK#109228199</b>				
15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations, if export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.				0000014014				
Generator's/Officer's Printed/Typed Name <b>Hans Humfeld</b>		Signature <i>Hans Humfeld</i>		Month Day Year <b>01 24 08</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Shawn Clin</b>		Signature <i>Shawn Clin</i>		Month Day Year <b>01 24 08</b>				
Transporter 2 Printed/Typed Name <b>DAVID LOPEZ</b>		Signature <i>David Lopez</i>		Month Day Year <b>12 11 08</b>				
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)				Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H14</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Mila Winsett</b>				Signature <i>Mila Winsett</i>		Month Day Year <b>2 5 08</b>		



## CERTIFICATE OF REASSURANCE

Safety-Kleen Systems, Inc., 1722 Cooper Creek Rd., Denton, Texas, 76208,

certifies that on this date FEBRUARY 5, 2008

the material supplied by HAHN MOTOR CO

entered the treatment process.

The method of treatment had been deemed suitable for your

spent material and fully complies with all applicable

regulatory and permit requirements. (40 CFR 260)

Manifest Number 000055874SKS

Manifest Date JANUARY 24, 2008

Disposal Method LANDFILL H132

Shanda Bailey  
Authorized Signature



1-183-02

Form Approved, OMB No. 2050-0039

Please print or type. (Form designed for use on olive (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST:		1. Generator ID Number WAD988485769	2. Page 1 of 1	3. Emergency Response Phone 1-800-468-1760	4. Manifest Tracking Number 000055874 SKS		
5. Generator's Name and Mailing Address HAHN MOTOR CO 1201 S 1ST ST YAKIMA WA 98907 Generator's Phone: 509-453-9171							U.S. EPA ID Number TXR000050930
6. Transporter 1 Company Name SAFETY-KLEEN SYSTEMS, INC.							U.S. EPA ID Number TXR000025972
7. Transporter 2 Company Name Rockwell							U.S. EPA ID Number
8. Designated Facility Name and Site Address SAFETY-KLEEN SYSTEMS, INC. 1722 COOPER CREEK ROAD DENTON, TX 76208 Facility's Phone: 940-463-5200							U.S. EPA ID Number TXD077603371
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	HA3002, HAZARDOUS WASTE LIQUID, N. O. S. (CADMIUM, LEAD) 9 PGIII RQ(D006)	11	DM	4404	P	D004 D006 D007 D008 OUS 603H
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information PF SK TRCK#109228199 000014014							
15. GENERATOR'S/CARRIER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Carrier's Printed/Typed Name Hans Humfeld							Signature Hans Humfeld
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							Month Day Year 01 27 08
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Shawn Chan						
Transporter 2 Printed/Typed Name DAVID LOPEZ							Signature David Lopez
18. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	10h. Alternate Facility (or Generator)						
	Facility's Phone: Month Day Year						
10c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H111 2. 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name Mila Wissett							Signature Mila Wissett
Month Day Year 2 5 8							

INTERNATIONAL CONFERENCE  
*of*  
BUILDING OFFICIALS

**RODERICK L PARDEE**  
*is CERTIFIED in*  
**UNDERGROUND STORAGE TANK  
DECOMMISSIONING**

*The International Conference of Building Officials attests that the individual named on this certificate has satisfactorily demonstrated knowledge of national underground storage tank regulations and industry standards in effect on this date in the category shown above by successfully completing the prescribed written examination.*



*Witnessed by our hand*

*Certificate No. 0878665-26*

*Issued May 11, 2002*

*For the International Conference of Building Officials*

*John S. Truen*  
\_\_\_\_\_  
President



# INTERNATIONAL CODE COUNCIL

RODERICK L PARDEE

*The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:*

## WASHINGTON STATE SITE ASSESSMENT

*given this day of August 25, 2007*

*Wally Bailey*

Wally Bailey

President, ICC Board of Directors

*Richard P. Weiland*

Richard P. Weiland

ICC Chief Executive Officer



This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

**Attachment  
“D”  
Photographs**



This view is the "before" situation prior to removal of the tanks.

This view is the preparation for cleaning of residuals from the west tank.



This picture shows the east end of the west tank. Notice the residuals of overfill and the large stones of the native material used for backfill.



This picture shows the setup for cleaning the east tank.

This picture shows the west end of the east tank. The overfill residuals are seen along the right side of the tank in the 3 o'clock position. Note the backfill.



This view shows the drywell or French drain across the excavated area where the west tank was removed. This device is associated with the roof drainage system.



## **EAST TANK**

This tank was installed in the mid 1970's. A permit was obtained from the City of Yakima. The tank was properly bedded in 5/8 minus material and showed very little sign of corrosion. The tank was pumped down to leave only solid residuals on the bottom. These residuals were removed by hand and placed in 55 gallon drums. As required by the regulations, a sample of this material was analyzed and determined to be hazardous material. This material was picked up and disposed of by Safety Kleen. Documentation of disposal is included in Appendix "C" of this report.