Not complete copy - entire rept is from CO for Singus - Walla Walla

MARTIN S. BURCK ASSOCIATES, INC.
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Phone 541.387.4422 Portland 503.977.2401
Geologic and Environmental Consulting Services

June 23, 2005

Toxics Cleanup Program
Department of Ecology
P.O. Box 47655
Olympia, WA 98504

Subject: **Waste Oil UST Decommissioning and Site Assessment**
Singer Chevron
7 E. Rose Street, Walla Walla, WA 99362
DOE Site ID No.: 5073

Dear Sir or Madam:

Martin S. Burck Associates, Inc. (MSBA) is submitting the following report narrative regarding the site assessment and closure of a waste oil underground storage tank (UST) at the property referenced above. The location of the site is illustrated on the **Site Location Map** shown on Figure 1 (Attachment A). The general site features and location of the former UST are illustrated on the **Site Plan and Analytical Results** shown on Figure 2 (Attachment A). Birch Creek Construction of Milton Freewater, Oregon, performed the UST tank closure by removal and MSBA provided oversight and site assessment soil sampling. This report is intended to satisfy the requirements regarding site assessment during closure of an UST, in accordance with Washington Department of Ecology (DOE) UST Statute and Regulations (Chapter 173-360 WAC).

Tank Closure and Site Assessment Activities

The site is an active fuel station and convenience store located in downtown Walla Walla, Washington, as shown on Figure 1 (Attachment A). On February 24, 2005, in conjunction with site renovation activities, the waste oil UST was permanently closed by removal. The UST was buried approximately 2.5 feet below surface grade (bsg), and measured approximately 4.0 feet in diameter and 11.0 feet in length with a nominal capacity of 1,000 gallons. The bottom of the UST was approximately 6.5 feet bsg. The former location of the UST is shown on Figure 2 (Attachment A). The fill and vent lines were disconnected from the UST and removed. The UST was constructed of fiberglass, bed in gravel, and appeared to be in very good condition with no holes. The UST had previously been emptied.

Following removal of the UST, compliance soil samples S1-7.5 and S2-7.5 were collected for laboratory analysis at a depth of approximately 7.5 feet bsg, from beneath the north and south ends of the UST, respectively (Figure 2). Neither petroleum odors or staining were observed during decommissioning on the outside of the UST or in the underlying soil. The native soil encountered under the UST was a silt with clay and gravel. Ground water was not encountered during the decommissioning or soil sampling activities.

Following decommissioning and compliance soil sampling activities, the excavation was backfilled with the clean overburden soil and imported fill. The UST was transported and disposed by Birch Creek Construction, Inc., of Milton-Freewater, Oregon. The documentation for disposal of the UST is included in Attachment B.

Soil samples S1-7.5 and S2-7.5 were submitted to North Creek Analytical, Inc. of Beaverton, Oregon, for laboratory analysis of total petroleum hydrocarbons, which were not detected, using DOE Method NW TPH-HCID. Soil samples S1-7.5 and S2-7.5 were also analyzed for total lead using EPA Method 6020. Total lead was detected in soil samples S1-7.5 and S2-7.5 at concentrations of 35.1 and 54.7 parts per million (ppm), respectively. These total lead concentrations do not exceed the Model Toxics Control Act (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Use concentration of 250 ppm. A table summarizing these results is included as Attachment C. The laboratory analytical report and chain of custody form is included as Attachment D. MSBA certifies that the site assessment activities were performed in accordance with the UST closure rules found in DOE UST Statute and Regulations (Chapter 173-360 WAC) and it appears that no further action is required.

Remarks/Signatures

The information/conclusions/recommendations/proposals contained in this report were arrived at in accordance with currently accepted professional geological and environmental practices at this time and location, no warranties are intended or implied. This report was prepared solely for Mr. Bill Singer of Singer Chevron; Martin S. Burck Associates, Inc. is not responsible for the independent interpretations, conclusions, or actions of others derived from or based on the information presented herein.

Information and opinions presented in this report are based on the collection and review of data from limited portions of the site subsurface and surroundings. Martin S. Burck Associates, Inc., is not responsible for conditions that may exist in portions of the site that were not investigated; for conditions that were not reported or properly presented; and for future activities or investigations that may alter the current condition or understanding of the site.

Please contact me at (541) 387-4422 if you have any questions regarding this investigation.

Sincerely,
Martin S. Burck Associates, Inc.

David Mackintosh
Project Manager

Attachment A Site Maps
Attachment B Disposal Documentation
Attachment C Table
Attachment D Laboratory Analytical Report

cc: Bill Singer

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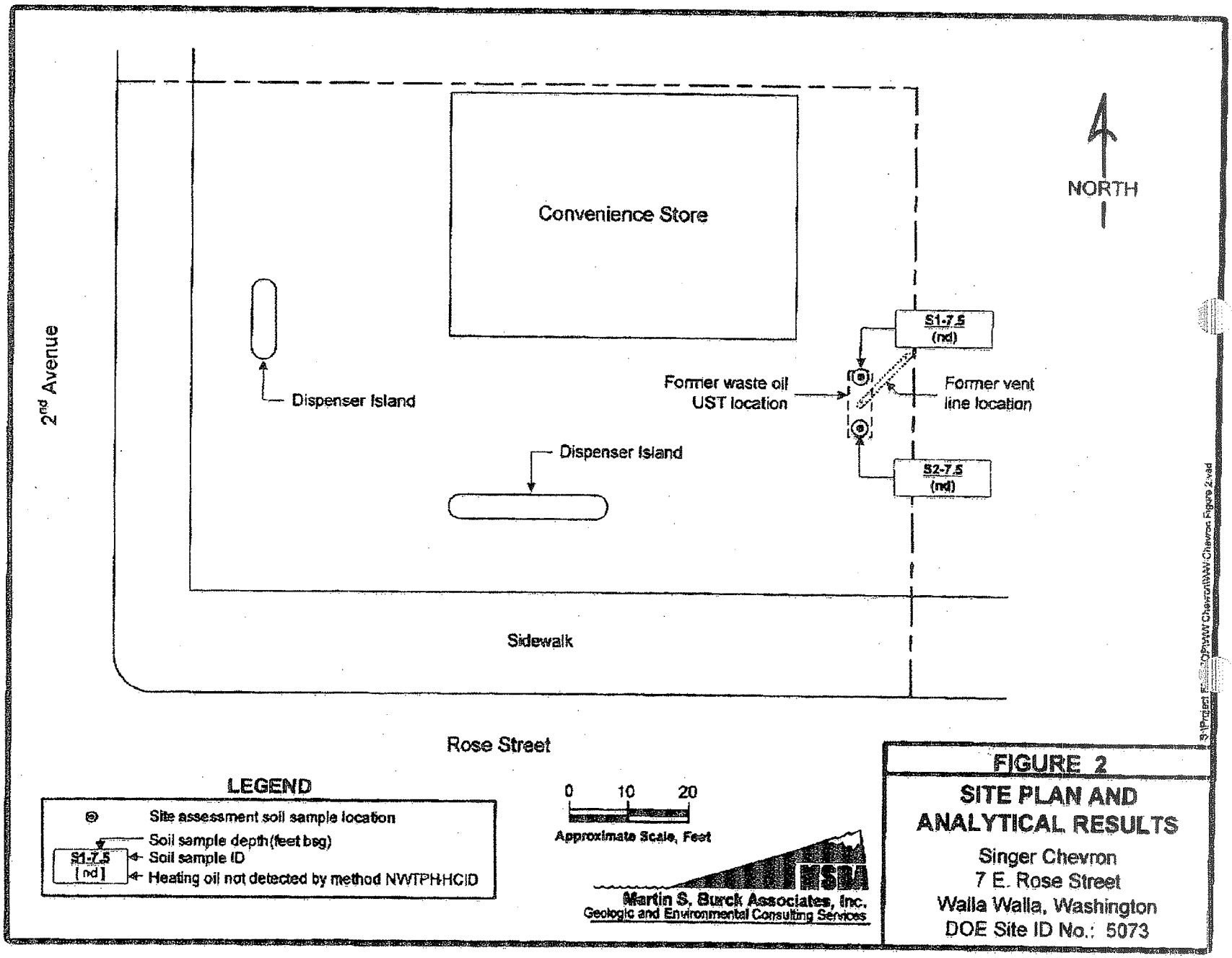

FIGURE 2

SITE PLAN AND ANALYTICAL RESULTS

Singer Chevron
7 E. Rose Street
Walla Walla, Washington
DOE Site ID No.: 5073

TABLE
SOIL SAMPLE ANALYTICAL DATA
Sinclair Chevron
7 E. Rose Street
Walla Walla, WA 99362

Sample Name	Date	Sample Depth [a] (feet bsg)	Hydrocarbon Identification [b] (G, D, O, nd)	Total Lead [c] (ppm) [d]
S1-7.5	2/24/05	7.5	nd	35.1
S2-7.5	2/24/05	7.5	nd	54.7

a Depth of sample, in feet below ground surface (bsg).
b Hydrocarbon identification using Washington State method NWTPH-HCID. Indicates presence of G (Gasoline), D (Diesel), O (Heavy Oil), and no hydrocarbons detected.
c Total lead analyses using EPA Method 6010.
d Analytical results reported in parts per million (ppm).

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Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
[illegible]

Columbia Gorge Geoscience	Project Name:	1830 Chevron
1830 Tucker Road	Project Number:	WW Chevron
Hood River, OR 97031	Project Manager:	David MacKinnosh
		Report Created: 03/09/05 16:56

Hydrocarbon Identification per NW-TPH Methodology

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PSB0991-01 Soil	S1-7.5	Sampled: 02/24/05 15:40								
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.0	mg/kg dry	1x	5021095	02/28/05	02/28/05 16:00	
Diesel Range Hydrocarbons	"	ND	-----	50.0	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	100	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 123%*		*Limits: 50 - 150 %*						
PSB0991-02 Soil	S2-7.5	Sampled: 02/24/05 15:45								
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.0	mg/kg dry	1x	5021095	02/28/05	02/28/05 16:39	
Diesel Range Hydrocarbons	"	ND	-----	50.0	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	100	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 99.1%*		*Limits: 50 - 150 %*		"			"	

North Creek Analytical - Portland

Philip Nerenberg

Philip Nerenberg, Laboratory Manager

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

North Creek Analytical, Inc.
Environmental Laboratory Network

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phone: (541) 383-9310 fax: 383-0029
Anchorage 3300 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 562.9200 fax: (907) 562.9210

Martin S. Burck Associates	Project Name: WW Chevron	
1855 Tucker Road	Project Number: WW Chevron	Report Created:
Hood River, OR 97031	Project Manager: David MacKintosh	03/28/05 16:56

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 5032896 Soil Preparation Method: EPA 3550 Fresh

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% Rec	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (5032896-BLK1)										Extracted: 03/28/05 09:15				
Gasoline Range Hydrocarbons	NWTPH-HCID	ND	--	30.0	mg/kg	1x	--	--	--	--	--	--	03/28/05 13:15	
Diesel Range Hydrocarbons		ND	--	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons		ND	--	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 110%*		*Limits: 50-150%*		"							*03/28/05 13:15*	
Duplicate (5032896-DUP1)							QC Source: P503095-02			Extracted: 03/28/05 09:15				
Gasoline Range Hydrocarbons	NWTPH-HCID	ND	--	30.9	mg/kg dry	1x	ND	--	--	--	NR	(50)	03/28/05 13:46	
Diesel Range Hydrocarbons	"	ND	--	50.0	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	--	100	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 130%*		*Limits: 50-150%*		"							*03/28/05 13:46*	
Duplicate (5032896-DUP2)							QC Source: P503095-02			Extracted: 03/28/05 11:00				
Gasoline Range Hydrocarbons	NWTPH-HCID	DET	---	833	mg/kg wet	1x	2070	--	--	--	11.9%	(50)	03/28/05 14:20	
Diesel Range Hydrocarbons		ND	---	2080	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	4170	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 124%*		*Limits: 50-150%*		"							*03/28/05 14:20*	

North Creek Analytical - Portland

Philip Nerenberg

Philip Nerenberg, Laboratory Manager

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Anchorage 3000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 561.5616

Martin B. Burch Associates	Project Name:	WW Chevron	
7440 Victor Road	Project Number:	WW Chevron	Report Created:
Moss Point, OR 97031	Project Manager:	David MacKinnon	03/09/05 16:50

Total Metals per EPA 3050/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: [illegible] Soil Preparation Method: EPA 3050

Analyte	Method	Result	MDL*	PQL	Units	Dil.	Source Result	Spike Amt.	% REC	%REC Limits	RPD	RPD Limit	Analyzed	Notes
Blank (5030004-BLK1)									Extracted: 03/02/05 07:13					
Lead	EPA 6020	ND		0.500	mg/kg	1x						10	03/08/05 16:58	
LCS (5030004-BS1)									Extracted: 03/02/05 07:13					
Lead	EPA 6020	[illegible]	---	0.500	mg/kg	1x	--	[illegible]	[illegible]	(80-120)	--	10	03/08/05 16:55	
LCS Dup (5030004-BSD1)									Extracted: 03/02/05 07:13					
Lead	EPA 6020	9.51	---	0.500	mg/kg	1x	--	9.52	99.9%	(80-120)	3.94%	20	03/08/05 16:52	
Duplicate (5030004-DUP1)					QC Source: P4L1107-17				Extracted: 03/02/05 07:13					
Lead	EPA 6020	9.55	---	0.500	mg/kg dry	1x	9.93				4.11%	20	03/08/05 17:01	
Matrix Spike (5030004-MS1)					QC Source: P4L1107-17				Extracted: 03/02/05 07:13					
Lead	EPA 6020	23.6	---	0.500	mg/kg dry	1x	9.93	12.8	114%	(75-125)	--	--	03/08/05 20:10	

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