Site Assessment Report

Dills Property – 701 Buena Loop Road, Buena, WA AEC Project Number 12-061

Prepared for:

Washington State Department of Ecology 15 West Yakima Avenue, #200 Yakima, Washington 98901

October 23, 2012

Prepared by:



Anderson Environmental Contracting, LLC 705 Colorado Street Kelso, Washington 98626 p: (360) 577-9194 f: (360) 577-9198 www.aecllc.net

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I. Introduction

Anderson Environmental Contracting, LLC (AEC) has prepared this report to document site assessment and underground storage tank (UST) decommissioning activities at the above referenced site shown on Figure 1. Work is being conducted under a signed contract with the Washington State Department of Ecology (Ecology).

II. Description of Property

AEC was unable to obtain information on historic land use of the property. Buena Loop Road is one of the main roads through the small farming community of Buena, Washington. Anecdotal information indicates that several retail gas stations were constructed along this road. It's possible that the subject site was the location of a former retail gas station. Traffic patterns likely changed after the construction of State Route 82 (I-82) in the 1980's and may have resulted in the closure of these stations.

The site is currently a single family residence located in a mixed residential and agricultural setting. There was no historic gas station or fueling architecture on the property when AEC arrived at the site. The topography of the site is relatively flat with a slight slope to the southwest. The nearest prominent surface water body is the Yakima River located approximately one mile southwest of the site (Figure 1). A groundwater monitoring well is located near the southern property boundary as is currently being monitored by Ecology.

A geophysical survey was performed at the site for GeoEngineers to locate potential USTs. Three magnetic anomalies were identified at the site. The approximate location of these anomalies is shown on Figure 2.

III. Regional Geology and Hydrogeology

The site is located within the Yakima River basin which encompasses approximately 6,000 square miles in south-central Washington. The basin is separated into several broad valleys by east-west trending anticlinal ridges. The valley floors slope gently towards the Yakima River. Few perennial tributary streams traverse these valleys. Groundwater generally flows towards these systems.

Based on review of geologic maps, the local geology within the Yakima River basin is comprised of Pleistocene glacial outburst flood deposits and loess/dune sand deposits. Irrigated agriculture is the principal economic activity in the basin.

IV. Fieldwork

A. UST Decommissioning Activities

On September 17-19, 2012, AEC performed tank decommissioning and site assessment work was performed at the site. Decommissioning activities involved the following tasks:

- Performed exploratory excavations in the areas where the 3 magnetic anomalies were identified in the GeoEngineer's report.
- Excavated the overburden soil overlying the USTs.
- Removed two USTs from a single excavation.
- Stockpiled the excavated soil in an area located on the eastern end of the property.
- Collected confirmation soil samples from the sidewalls and floor of the UST excavation.
- Collected three soil samples from the stockpile.
- Recycled the tank at a licensed metal recycling facility (Pacific Steel and Recycling) in Yakima, Washington.

AEC used a Cat 320 tracked excavator to perform soil excavation work at the site. Exploratory test pits were performed in the areas of the three magnetic anomalies discussed above. AEC discovered two USTs in the area of the two magnetic anomalies on the eastern portion of the property and buried rebar and metal reinforced concrete in the area of the western magnetic anomaly.

Once the USTs were located, AEC removed the overburden soil and two USTs from the ground. AEC observed that both tanks were partially crushed (assumed to have occurred during previous excavation work at the site). Once the USTs were removed from the ground they were observed for signs of holes/corrosion/pitting. The northernmost tank measured approximately 8 feet in length and 4 feet in diameter and had an estimated capacity of 675 gallons. The southern-most UST measured approximately 8 feet in length and 3 feet in diameter and had an estimated capacity of 500 gallons. The bottom of both tanks was heavily corroded with multiple holes. Both tanks were partially filled with water. The water in the tanks drained back into the excavation during the removal process. The tanks were placed on a trailer and secured for transportation to Pacific Steel and Recycling in Yakima, Washington for recycling. UST recycling documentation is included in Appendix A.

B. Subsurface Conditions

The upper six feet of soil encountered in the excavation consisted of brown colored sand and gravel. The sand consists of fine to coarse grain sand with less than 10% low plastic fines. Up to 33% of this soil layer consists of fine to coarse subrounded gravel. At approximately 5 feet bgs a dark gray colored stained soil layer was encountered under the northern most UST. The soil exhibited a strong hydrocarbon odor. Groundwater was present in the excavation at a depth of approximately 4.5 feet bgs.

C. Field Screening and Sample Collection

Field screening consisted of volatile organic vapor measurements using a photoionization detector (PID), sheen testing, visual observations (staining, etc.), and

Anderson Environmental Contracting, LLC

October 23, 2012

olfactory observations. A portion of each soil sample was placed in a sealed Zip-Lock baggie. The tip of the PID was inserted into the zip-lock bag in the airspace above the soil sample and the PID measurement was recorded. The PID was calibrated before use at the site to a test gas standard consisting of 100 ppmv isobutylene. Sheen testing consisted of placing a small portion of soil in clear water and observing the water for the presence of hydrocarbon sheen. Because several factors can affect PID readings (e.g. moisture, temperature, and background conditions), AEC determined that a value of 1 ppm or greater may indicate the presence of organic vapors originating from contaminants at the site.

The dark gray colored soil located under the northern most UST had a PID reading of up to 830 ppm. All other confirmation sample locations had organic vapor measurements less than 1 ppm. It should be noted that blebs of petroleum product was visible on the surface of the water in the excavation cavity near the northern most UST.

At the conclusion of excavation, AEC collected four confirmation soil samples from the excavation and three stockpile samples at locations shown on Figure 2. Two sidewall samples were collected from the excavation at a depth above the water table at approximately 3.5 and 4 feet bgs. A floor sample was collected below the bottom of each UST at a depth of 5 to 6 feet bgs. The soil samples were placed in a cooler packed with ice along with chain-of-custody documentation. The cooler was shipped to Friedman & Bruya Laboratory in Seattle, Washington for analysis.

V. Analytical Results

The soil samples were analyzed for hydrocarbon identification using Northwest Method NWTPH-HCID. Follow up quantification analyses included TPH as gasoline using Northwest Method NWTPH-Gx, volatile organic compounds (VOCs) using EPA Method 8260C, and total lead using EPA Method 200.8. A copy of the laboratory report along with the chain-of-custody documentation is included in Appendix B.

A. Confirmation Soil Samples

Soil analytical results are reported as milligrams per kilograms (mg/kg) and are summarized in Table 1. Analytical results of the HCID analysis performed on the confirmation samples indicated that only one sample (sample X1-5 collected under the northern most UST) had a detection of gasoline. There was no detection of petroleum hydrocarbon fuel in any of the other samples above the respective laboratory method reporting limit (MRL). AEC requested that quantification analyses listed above were performed on the X1-5 sample. Results indicated that five constituents were detected in the sample above the laboratory's respective MRL including TPH as gasoline (1,600 mg/kg), ethylbenzene (0.75 mg/kg), total xylenes (0.73 mg/kg), naphthalene (0.56 mg/kg), and total lead (8.02 mg/kg).

Laboratory results of the soil stockpile confirmation samples indicated that there was no detection of petroleum hydrocarbon fuel in any of the samples above the respective MRLs.

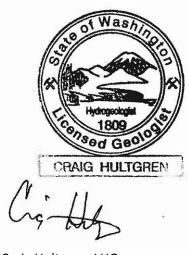
B. Discussion

Results of the soil sampling performed at the site by AEC indicate that a release of gasoline has occurred at the site. The concentration of TPH as gasoline in the X1-5 sample is 1,600 mg/kg. The MTCA Method A cleanup level for TPH as gasoline is either 30 mg/kg when there is benzene present at the site or 100 mg/kg when there is no benzene. The concentration of TPH as gasoline in the confirmation sample exceeds both of these values.

VI. Recommendations

Based on the results of this site assessment AEC makes the following recommendations:

- AEC recommends that remediation and further characterization of the extent of
 the gasoline impacted soil and groundwater should be performed at the site.
 The vertical extent of soil contamination appears to be limited to a depth of 6
 feet bgs. The lateral extent of the contamination is unknown. AEC observed
 localized blebs of free product on the surface of the water in the UST excavation
 cavity. The extent of free product and groundwater contamination is currently
 unknown.
- Once soil remediation is completed the excavation should be backfilled with clean granular soil. The soil in the stockpile is clean and consists primarily of sand and gravel which is suitable for use as backfill at the site.



Craig Hultgren, LHG WA Site Assessor 879655

Table 1
Soil Analytical Results Summary (mg/kg)
Dills Property

Sample Identification	MTCA Method A	X1-5	X2-6	X3-3.5	X4-4	Stock-1	Stock-2	Stock-3	Stock-4
Sample Depth (feet bgs)	Cleanup Level	5	6	3.5	4	0.5	0.5	0.5	0.5
Collecton Date		9/18/2012	9/18/2012	9/18/2012	9/18/2012	9/18/2012	9/18/2012	9/18/2012	9/18/2012
TPH-Gas	30/100 ¹	1,600	20 U						
TPH-Diesel	2,000	50 U							
TPH-Heavy Oil	2,000	250 U							
Benzene	0.03	0.03 U							
Toluene	7	0.05 U							
Ethylbenzene	6	0.75							
Total Xylenes	9	0.73							
MTBE	0.01	0.05 U							
EDB	0.005	0.05 U							
EDC		0.05 U							
Naphthalene	5	0.56							
Total Lead	250	8.02							

Notes:

--- = Not analyzed for this constituent

U = Undetected at laboratory method reporing limit (MRL) shown

Bold = Concentration exceeds MTCA Method A cleanup level

¹ = Cleanup Level when benzene is present is 30 mg/kg and 100 mg/kg when benzene is not detected in all samples collected from the site

Total Petroleum Hydrocarbons (TPH) as gasoline by Northwest Method NWTPH-HCID and NWTPH-Gx

TPH as diesel and oil by Northwest Method NWTPH-HCID

Volatile organic compounds (VOCs) by EPA Method 8260C

Total lead by EPA Method 200.8

mg/kg = milligrams per kilogram (ppm)

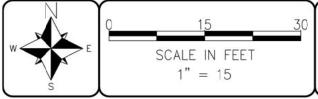
bgs = below ground surface

10/12/2012 4:33 PM S:\AEC-AutoCAD\12-061_Dills Site\Figures\12-061.dwg brian



NOTE(S):

1. Aerial photograph (2011) provided by Google Earth™.





DATE: 1/3/12 DWN: BCB CHK: APPROVED: PRJ. MGR: CH PROJECT NO: 12-061 Figure 2 SOIL SAMPLE LOCATIONS

> Dills Site 701 Buena Loop Road Zillah, WA 98953

APPENDIX A UST RECYCLING DOCUMENTATION



405 Butterflead Road PU Box 407 Yanawa, MA 98907 (505 413-1852)

PURCHASE TICKET		2167370
PURCHASE DATE	09/18/12	
PURCHASE TYPE	CASH / CHECK	
CHECK NUMBER	1496277	
CHECK AMOUNT	\$64.60	
CASH AMOUNT	\$0.00	
LUCAS K		42

PURCHASED FROM	42360
ANDERSON ENVIERG 705 COLORADO STE KELSO, WA 98626	ONMENTAL CONTRACTING REET

Recycling hours Monday-Friday: 8am to 5pm / Saturday 8am to 12pm
Please verify your mailing address...an incorrect mailing address will delay
your payment and may also incure a \$25 re-issuing fee.

QUANTITY Purchased	UOM	Description		PRICING UOM	Per Unit	Amount
680	LB	UNPREP IRON 12-06/ Cred Pills P	1800TY	LB	0.0950	64.60
		TOTAL QUANTITY	680	TOTAL	L AMOUNT	\$64.60

TRANSACTION DATE AND TIME: 09/18/12 12:49 PM

i, the undersigned, affirm under the penalty of law that the property that is subject to this transaction is not to the best of my knowledge stolen property.

SELLER SIGNATURE	
CO.M.	Ville

WITNESS SIGNATURE (REQUIRED)

APPENDIX B LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 e-mail: fbi@isomedia.com

October 2, 2012

Craig Hultgren, Project Manager Anderson Environmental 705 Colorado Street Kelso, WA 98626

Dear Mr. Hultgren:

Included are the results from the testing of material submitted on September 19, 2012 from the Yakima Dills 12-061, F&BI 209288 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

ERIC Young

Eric Young Chemist

Enclosures
AEN1002R.DOC

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 19, 2012 by Friedman & Bruya, Inc. from the Anderson Environmental Yakima Dills 12-061, F&BI 209288 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Anderson Environmental
209288-01	X1-5
209288-02	X2-6
209288-03	X3-3.5
209288-04	X4-4
209288-05	Stock-1
209288-06	Stock-2
209288-07	Stock-3

All quality control requirements were acceptable.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/12 Date Received: 09/19/12

Project: Yakima Dills 12-061, F&BI 209288

Date Extracted: 09/20/12 and 09/21/12

Date Analyzed: 09/20/12, 09/21/12, and 09/22/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	<u>Gasoline</u>	<u>Diesel</u>	<u>Heavy Oil</u>	Surrogate (% Recovery) (Limit 50-150)
X1-5 209288-01	D	ND	ND	111
X2-6 209288-02	ND	ND	ND	104
X3-3.5 209288-03	ND	ND	ND	111
X4-4 209288-04	ND	ND	ND	110
Stock-1 209288-05	ND	ND	ND	105
Stock-2 209288-06	ND	ND	ND	103
Stock-3 209288-07	ND	ND	ND	102
Method Blank 02-1741 MB	ND	ND	ND	114
Method Blank 02-1750 MB	ND	ND	ND	104

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/12 Date Received: 09/19/12

Project: Yakima Dills 12-061, F&BI 209288

Date Extracted: 09/21/12

Date Analyzed: 09/22/12 and 09/26/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
X1-5 209288-01 1/50	1,600	97
Method Blank	<2	91

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: X1-5 Client: Anderson Environmental

Date Received: 09/19/12 Project: Yakima Dills 12-061, F&BI 209288

 Date Extracted:
 09/24/12
 Lab ID:
 209288-01

 Date Analyzed:
 09/24/12
 Data File:
 209288-01.097

 Matrix:
 Soil
 Instrument:
 ICPMS1

Units: mg/kg (ppm) Operator: AP

Lower Upper Internal Standard: % Recovery: Limit: Limit:

Internal Standard: % Recovery: Limit: Limit: Holmium 86 60 125

Concentration

Analyte: mg/kg (ppm)

Lead 8.02

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank Client: Anderson Environmental

Date Received: NA Project: Yakima Dills 12-061, F&BI 209288

Date Extracted:09/24/12Lab ID:I2-646 mbDate Analyzed:09/24/12Data File:I2-646 mb.081Matrix:SoilInstrument:ICPMS1

Units: mg/kg (ppm) Operator: AP

Lower Upper Internal Standard: % Recovery: Limit: Limit:

Internal Standard: % Recovery: Limit: Limit: Holmium 82 60 125

Concentration

Analyte: mg/kg (ppm)

Lead <1

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Date Received: 09/19/12 Project: Yakima Dills 12-061, F&BI 209288

Lab ID: Date Extracted: 209288-01 09/21/12 Date Analyzed: 09/22/12 Data File: 092143.D Matrix: Soil Instrument: GCMS4 Units: mg/kg (ppm) Operator: VM

		Lower	Upper
Surrogates:	% Recovery:	Limit:	Limit:
1,2-Dichloroethane-d4	92	62	142
Toluene-d8	106	55	145
4-Bromofluorobenzene	150 ip	65	139

Concentration

Compounds:	mg/kg (ppm)
Methyl t-butyl ether (MTBE)	< 0.05
1,2-Dichloroethane (EDC)	< 0.05
1,2-Dibromoethane (EDB)	< 0.05
Benzene	< 0.03
Toluene	< 0.05
Ethylbenzene	0.75
m,p-Xylene	0.73
o-Xylene	< 0.05
Naphthalene	0.56

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Anderson Environmental

Date Received: NA Project: Yakima Dills 12-061, F&BI 209288

Date Extracted: Lab ID: 02-1700 mb 09/21/12 Date Analyzed: 09/21/12 Data File: 092110.D Matrix: Soil Instrument: GCMS4 Units: mg/kg (ppm) Operator: VM

		Lower	Upper
Surrogates:	% Recovery:	Limit:	Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	101	65	139

Concentration

Compounds:	mg/kg (ppm)
Methyl t-butyl ether (MTBE)	< 0.05
1,2-Dichloroethane (EDC)	< 0.05
1,2-Dibromoethane (EDB)	< 0.05
Benzene	< 0.03
Toluene	< 0.05
Ethylbenzene	< 0.05
m,p-Xylene	< 0.1
o-Xylene	< 0.05
Naphthalene	< 0.05

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/12 Date Received: 09/19/12

Project: Yakima Dills 12-061, F&BI 209288

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 209319-09 (Duplicate)

·	-	(Wet Wt)	(Wet Wt)	Relative Percent
		Sample	Duplicate	Difference
Analyte	Reporting Units	Result	Result	(Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

	J	J	•	Percent	
			Spike	Recovery	Acceptance
Analyte		Reporting Units	Level	LCS	Criteria
Gasoline		mg/kg (ppm)	20	95	61-153

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/12 Date Received: 09/19/12

Project: Yakima Dills 12-061, F&BI 209288

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 209236-14 (Matrix Spike)

				Percent	Percent			
	Reporting	Spike	Sample	Recovery	Recovery	Acceptance	RPD	
Analyte	Units	Level	Result	MS	MSD	Criteria	(Limit 20)	
Lead	mg/kg (ppm)	50	1.08	106	106	64-139	0	•

Laboratory Code: Laboratory Control Sample

			Percent	
		Spike	Recovery	Acceptance
Analyte	Reporting Units	Level	LCS	Criteria
Lead	mg/kg (ppm)	50	104	83-118

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/12 Date Received: 09/19/12

Project: Yakima Dills 12-061, F&BI 209288

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 209316-01 (Matrix Spike)

				Percent	
	Reporting	Spike	Sample	Recovery	Acceptance
Analyte	Units	Level	Result	MS	Criteria
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	< 0.05	82	21-145
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	< 0.05	88	12-160
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	< 0.05	85	28-142
Benzene	mg/kg (ppm)	2.5	< 0.03	78	29-129
Toluene	mg/kg (ppm)	2.5	< 0.05	84	35-130
Ethylbenzene	mg/kg (ppm)	2.5	< 0.05	87	32-137
m,p-Xylene	mg/kg (ppm)	5	< 0.1	88	34-136
o-Xylene	mg/kg (ppm)	2.5	< 0.05	86	33-134
Naphthalene	mg/kg (ppm)	2.5	0.097	82	14-157

Laboratory Code: Laboratory Control Sample

			Percent	Percent		
	Reporting	Spike	Recovery	Recovery	Acceptance	RPD
Analyte	Units	Level	LCS	LCSD	Criteria	(Limit 20)
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	96	97	60-123	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	104	56-135	0
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	102	101	74-132	1
Benzene	mg/kg (ppm)	2.5	94	93	68-114	1
Toluene	mg/kg (ppm)	2.5	101	100	66-126	1
Ethylbenzene	mg/kg (ppm)	2.5	102	101	64-123	1
m,p-Xylene	mg/kg (ppm)	5	103	102	78-122	1
o-Xylene	mg/kg (ppm)	2.5	100	100	77-124	0
Naphthalene	mg/kg (ppm)	2.5	95	94	60-125	1

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- \boldsymbol{a} The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 More than one compound of similar molecule structure was identified with equal probability.
- b The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- $\mbox{\it ca}$ The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c The presence of the analyte indicated may be due to carryover from previous sample injections.
- d The sample was diluted. Detection limits may be raised due to dilution.
- ds The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb Analyte present in the blank and the sample.
- fc The compound is a common laboratory and field contaminant.
- hr The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht Analysis performed outside the method or client-specified holding time requirement.
- ip Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j The result is below normal reporting limits. The value reported is an estimate.
- J The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc The presence of the compound indicated is likely due to laboratory contamination.
- L The reported concentration was generated from a library search.
- nm The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo The value reported fell outside the control limits established for this analyte.
- x The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

209288

SAMPLE CHAIN OF CUSTODY

HE 11.61-60

Phone # (340) 977 - 919 Fax # 577 - 9198 City, State, ZIP Kelso, WA 98626 Company AEC Address for Colorate street Send Report To Carl 6 Huller En

REMARKS

SAMPLERS (signature) PROJECT NAME/NO. YAKINA - 0111 1200 \$

TURNAROUND TIME

X Standard (2 Weeks)

DRUSH Rush charges authorized by

SAMPLE DISPOSAL

Dispose after 30 days

□ Will call	L Ketuta sa
With	Sample
instructions	
	all with inst

· · · · · · · · · · · · · · · · · · ·	☐ Will call with instructions	The state of the s

Samples received at 5	20,00	- Face	by:	Ph. (206) 285-8282 Relinquished by: Received by:
75.00 AEG	Caril Huctors			
PRINT NAME COMPANY	PRINT NAME	*	SIGNATURE	Friedman & Bruya, Inc.
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			3 3	
6		0	10100	570ck-3 07
(o	٠,	بر نو ۲	Joyo-	570ck-2 06 T
8	•	•	1036	Spock-1 (05,10)
5	5	5	1015	1 to h- h7
5	7	3	7005	X3-3,5 03
~	5	88	4965	1.00 Pr.ZX
	5 1.08		(a)n	XI-T O'AEA
TPH-Diesel TPH-Gasoline BTEX by 8021B VOCs by 8260 SVOCs by 8270 HFS HCLO ETC. Myhlhlur	Sample Type Container TPH-Diesel TPH-Gasoline BTEX by 8021B VOCs by8260 SVOCs by 8270		Date Time Sampled Sampled	, Sample ID Lab
ANALYSES REQUESTED	ANAL			

PORMS/COC/COC.DOC