Environmental Resources Management

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21 February 2014

Mr. Stephan Robinson
Dole Fresh Vegetables, Inc.
P.O. Box 2018
Monterey, California 93942-2018

Subject: 2013 Groundwater Monitoring Report
Former Birchmount Orchard Property
Wenatchee, Washington

Dear Mr. Robinson:

This report summarizes groundwater monitoring activities completed by ERM-West, Inc. (ERM) in March and October 2013 at the former Dole Fresh Vegetables, Inc. (Dole) Birchmount Orchard facility at 3717 Crestview Road in Wenatchee, Washington (the "site"). The groundwater monitoring was completed to evaluate the progress of the remediation of gasoline-related contamination by natural attenuation. These activities were completed under the terms of ERM's proposal to Dole, dated 22 February 2013. A site plan showing the location of the site is included as Figure 1.

SCOPE OF SERVICES

The scope of work performed during each monitoring event was as follows:

- Measure water levels in each monitoring and extraction well at the site.
- Collect groundwater samples from monitoring wells MW-1, MW-2, MW-3, MW-7, MW-8, MW-10, MW-11 and RW-1, as well as extraction wells DPE-1, DPE-2 and DPE-3 during two monitoring rounds in March and October 2013.
- Analyze the groundwater samples for:
    - Benzene, toluene, ethylbenzene and xylenes (BTEX) using United States Environmental Protection Agency Method 8021B;
    - Gasoline-range petroleum hydrocarbons (TPH-G) by Washington State Department of Ecology (Ecology) Method NWTP-Gx; and
    - Diesel--range petroleum hydrocarbons (TPH-D) and heavy oil-range petroleum hydrocarbons (TPH-HO) by Ecology method NWTPH-Dx.

- Remove and dispose drums of wastewater generated during groundwater sampling activities and stored on the site.

REGULATORY FRAMEWORK

The analytical results for groundwater samples were compared with the Model Toxics Control Act (MTCA) regulation Method A cleanup levels (Chapter 173-340-900 Washington Administrative Code, Table 720-1) to evaluate compliance with applicable regulations. MTCA Method A cleanup levels (summarized on the table below) are conservative compliance standards for common contaminants at sites with relatively few hazardous substances present; these cleanup standards are typically applied to petroleum releases in Washington state.

GROUNDWATER PROJECT SCREENING GOALS

Contaminant	Project Cleanup Goals[1]
TPH-G	800 micrograms per liter (µg/L)
TPH-D	500 µg/L
Benzene	5 µg/L
Toluene	1,000 µg/L
Ethylbenzene	700 µg/L
Total Xylenes	1,000 µg/L

[1]MTCA Method A Cleanup Levels for Groundwater (Chapter 173-340-900 WAC, Table 720-1)

GROUNDWATER MONITORING PROCEDURES

Groundwater Levels

On 27 March and 2 October 2013, groundwater levels were measured at each site well using an electronic water level indicator. The water levels were measured prior to any removal of groundwater from the wells completed as part of sampling activities.

Groundwater Sample Collection and Analysis

Monitoring well purging and sample collection at each well was completed on 27 and 28 March and 2 and 3 October 2013 using a submersible sampling pump. The pump was decontaminated by pumping a mixture of deionized water and laboratory-grade detergent for several minutes, followed by pumping deionized water for several minutes. Prior to groundwater sample collection, at least three well casing volumes of water were purged from each well. A new length of disposable polyvinyl chloride (PVC) tubing was attached to the pump outlet before purging and sampling each well. The groundwater samples were collected directly from the PVC tubing used to purge each well.

Each sample container was labeled with the sample location, number, date, time and sampler's initials. The samples were placed on ice in a cooler for transport to ALS Laboratory Group's facility in Everett, Washington, for analysis for, TPH-G, TPH-D, TPH-HO and BTEX. Chain-of-custody procedures were followed during sample preparation, shipment and handling. Chain-of-custody and laboratory quality assurance/quality control documentation is included with the laboratory data reports in Attachment A.

GROUNDWATER MONITORING RESULTS

Groundwater Levels

A summary of groundwater level measurements is included in Table 1, and potentiometric surface maps of groundwater elevations in March and October 2013 are included as Figures 2 and 3, respectively. The inferred groundwater flow direction at the site is generally toward the southeast at an average gradient of approximately 0.02 foot per foot.

Groundwater Sample Analytical Results

Analytical results for the groundwater samples are summarized in Table 2 and onFigure 4. Concentrations of TPH-G were greater than the project cleanup goal in groundwater samples collected from wells MW-11 and RW-1 in both March and October 2013, and from well MW-3 in October 2013. Benzene concentrations were greater than the project cleanup goal in groundwater samples collected from well MW-11 in both March and October 2013, and from wells MW-3 and RW-1 in October 2013.

The remainder of the concentrations of petroleum-related contaminants detected in the groundwater samples were less than the respective the project cleanup goals. No petroleum-related contaminants were detected in groundwater samples collected from wells MW-1, MW-2, MW-8 and MW-10 in March and October 2013. The inferred extent of petroleum-related contaminants in groundwater based on available groundwater quality data is illustrated in Figure 4.

Based on a comparison with results from groundwater monitoring completed as part of remediation efforts prior to 2013, it appears that the remediation effort has been effective at reducing contamination concentrations in groundwater in the vicinity of the extraction wells to concentrations less than the project cleanup goals. However, TPH-G and benzene concentrations in groundwater in the area downgradient of the treatment area remains greater than the project cleanup levels or, in the case of the vicinity of well MW-11, have increased to greater than the project screening goals since the shutdown of the remediation system in 2012.

Investigation-Derived Waste Disposal

As of November 2013, 24 steel 55-gallon drums of wastewater had been accumulated on the site as a result of groundwater sampling activities. On 6 November 2013, NRC Environmental removed the drums and approximately 750 gallons of wastewater for disposal. The wastewater was disposed by PRS Group, Inc. (PRS) of Tacoma, Washington and the drums were delivered to PRS for refurbishing. Bills of landing for the drums and wastewater are included in Attachment B.

CONCLUSIONS

The results of the March and October 2013 groundwater sampling events indicate that contaminant concentrations in groundwater in the vicinity of the dual-phase extraction wells DPE-1, DPE-2 and DPE-3 remain less than the project cleanup goals. However, TPH-G and benzene concentrations in groundwater downgradient (southeast) of the DPE system wells remain greater than the project cleanup goals.

We appreciate the opportunity to provide environmental services to Dole. If you have questions regarding this summary, please contact Mike Arnold at (425) 761-2603 or Dave Edwards at (425) 214-0452.

Sincerely,

A. Michael Arnold, R.G., R.H.G.
Program Director

David P. Edwards
Partner-in-Charge

AMA/DPE/amp/0130850

Attachments

TABLES

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Table 1

Summary of Groundwater Elevation Data
Former Birchmount Orchard Facility
Wenatchee, Washington

Well Number	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet amsl)
MW-1	1111.93	11/10/2010	19.00	1092.93
		3/21/2011	19.15	1092.78
		6/20/2011	18.57	1093.36
		9/13/2011	18.37	1093.56
		10/1/2011	18.28	1093.65
		12/14/2011	19.05	1092.88
		3/27/2013	19.04	1092.89
		10/2/2013	18.67	1093.26
MW-2	1105.11	11/10/2010	35.72	1069.39
		3/21/2011	37.73	1067.38
		6/20/2011	38.64	1066.47
		9/13/2011	35.22	1069.89
		10/1/2011	35.62	1069.49
		12/14/2011	33.56	1071.55
		3/27/2013	23.15	1081.96
		10/2/2013	22.82	1082.29
MW-3	1105.54	11/10/2010	37.04	1068.50
		3/21/2011	37.95	1067.59
		6/20/2011	40.33	1065.21
		9/13/2011	35.71	1069.83
		10/1/2011	34.33	1071.21
		12/14/2011	33.56	1071.98
		3/27/2013	21.39	1084.15
		10/2/2013	20.90	1084.64
MW-5	1099.39	11/10/2010	34.84	1064.55
		3/21/2011	34.63	1064.76
		6/20/2011	Dry	-
		9/13/2011	Dry	-
		10/1/2011	Dry	-
		12/14/2011	Dry	-
		3/27/2013	Dry	-
		10/2/2013	Dry	-
MW-7	1104.96	11/10/2010	Dry	-
		3/21/2011	Dry	-
		6/20/2011	Dry	-
		9/13/2011	Dry	-
		10/1/2011	Dry	-
		12/14/2011	Dry	-
		3/27/2013	Dry	-
		10/2/2013	Dry	-
MW-8	1099.68	11/10/2010	39.92	1059.76
		3/21/2011	40.49	1059.19
		6/20/2011	40.18	1059.50
		9/13/2011	40.04	1059.64
		10/1/2011	40.15	1059.53
		12/14/2011	40.27	1059.41
		3/27/2013	39.96	1059.72
		10/2/2013	39.46	1060.22
MW-9	1102.42	11/10/2010	55.11	1047.31
		3/21/2011	Dry	-
		6/20/2011	Dry	-
		9/13/2011	Dry	-
		10/1/2011	Dry	-
		12/14/2011	Dry	-
		3/27/2013	Dry	-
		10/2/2013	Dry	-

Table 1

Summary of Groundwater Elevation Data
Former Birchmount Orchard Facility
Wenatchee, Washington

Well Number	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet amsl)
MW-10	1102.65	11/10/2010	Dry	-
		3/21/2011	48.23	1054.42
		6/20/2011	47.95	1054.70
		9/13/2011	47.68	1054.97
		10/1/2011	48.86	1053.79
		12/14/2011	49.58	1053.07
		3/27/2013	50.20	1052.45
		10/2/2013	49.66	1052.99
MW-11	1103.59	11/10/2010	32.69	1070.90
		3/21/2011	35.12	1068.47
		6/20/2011	35.58	1068.01
		9/13/2011	33.29	1070.30
		10/1/2011	34.91	1068.68
		12/14/2011	31.81	1071.78
		3/27/2013	24.99	1078.60
		10/2/2013	24.45	1079.14
RW-1	1105.49	11/10/2010	38.99	1066.50
		3/21/2011	39.22	1066.27
		6/20/2011	41.01	1064.48
		9/13/2011	37.55	1067.94
		10/1/2011	40.12	1065.37
		12/14/2011	33.93	1071.56
		3/28/2013	21.64	1083.85
		10/2/2013	21.20	1084.29
DPE-1	1106.23	11/10/2010	40.21	1066.02
		3/21/2011	38.43	1067.80
		6/20/2011	41.09	1065.14
		9/13/2011	-	-
		10/1/2011	39.76	1066.47
		12/14/2011	29.71	1076.52
		3/28/2013	21.70	1084.53
		10/2/2013	21.15	1085.08
DPE-2	1105.98	11/10/2010	41.27	1064.71
		3/21/2011	38.81	1067.17
		6/20/2011	41.82	1064.16
		9/13/2011	-	-
		10/1/2011	41.92	1064.06
		12/14/2011	42.03	1063.95
		3/28/2013	21.79	1084.19
		10/2/2013	21.26	1084.72
DPE-3	1104.71	11/10/2010	45.05	1059.66
		3/21/2011	44.56	1060.15
		6/20/2011	45.24	1059.47
		9/13/2011	-	-
		10/1/2011	45.41	1059.30
		12/14/2011	45.30	1059.41
		3/27/2013	21.70	1083.01
		3/27/2013	22.99	1081.72

Notes:
amsl = Above mean sea level
btoc = Below top of casing

Table 2

Summary of Petroleum-Related Contaminants in Groundwater
Former Birchmount Orchard Facility
Wenatchee, Washington

Monitoring Well	Date Sample Collected	TPH			Volatile Organic Compounds					
		Gasoline-Range Hydrocarbons µg/l	Diesel-Range Hydrocarbons µg/l	Heavy Oil-Range Hydrocarbons µg/l	Benzene µg/l	Toluene µg/l	Ethylbenzene µg/l	m,p-Xylene µg/l	o-Xylene µg/l	Total Xylenes µg/l
MW-1	2/1/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	11/11/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/21/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	6/20/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	9/13/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	12/14/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/27/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
	10/2/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
MW-2	2/2/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	11/11/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/21/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	6/20/2011	**110**	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	9/13/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	12/14/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/27/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
	10/2/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
MW-3	2/2/2010	**1,900**	130 U	250 U	2.0 U	2.0 U	2.0 U	**13**	2.0 U	13.0
	11/11/2010	**11,000**	**2,200**	**350**	**3.3**	**2.3**	**2.4**	**45**	2.0 U	**45**
	3/22/2011	**1,000**	130 U	250 U	2.0 U	2.0 U	2.0 U	**10**	2.0 U	**10**
	6/20/2011	**1,500**	130 U	250 U	2.0 U	2.0 U	2.0 U	**5.2**	2.0 U	**5.2**
	9/13/2011	**2,100**	**460**	250 U	2.0 U	2.0 U	2.0 U	**23**	2.0 U	**23**
	12/15/2011	**3,800**	130.0 U	250.0 U	2.0 U	2.0 U	2.0 U	**29**	**2** U	**29**
	3/27/2013	**740**	130 U	250 U	1.0 U	1.0 U	**6.7**	n/a	n/a	**4.0**
	10/2/2013	**2,400**	250 U	250 U	**43**	1.0 U	1.0 U	n/a	n/a	**13**
MW-5[2]	- -	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7[2]	- -	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	2/1/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	11/11/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/22/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	6/20/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	9/13/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	12/14/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/27/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
	10/2/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
MW-9[2]	- -	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	2/1/2010	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	11/11/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/22/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	6/20/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	9/13/2011	**250**	**250**	250 U	2.0 U	2.0 U	**6.4**	**6.4**	2.0 U	**6.4**
	12/14/2011	50 U	130 U	250 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/27/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
	10/2/2013	50 U	130 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U

Table 2

Summary of Petroleum-Related Contaminants in Groundwater
Former Birchmount Orchard Facility
Wenatchee, Washington

Monitoring Well	Date Sample Collected	TPH			Volatile Organic Compounds					
		Gasoline-Range Hydrocarbons µg/l	Diesel-Range Hydrocarbons µg/l	Heavy Oil-Range Hydrocarbons µg/l	Benzene µg/l	Toluene µg/l	Ethylbenzene µg/l	m,p-Xylene µg/l	o-Xylene µg/l	Total Xylenes µg/l
MW-11	2/1/2010	**3,600**	250 U	250 U	**56**	**2.0**	**19**	**35**	2.0 U	**35**
	11/11/2010	**550**	130 U	250 U	**17**	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/22/2011	**110**	130 U	250 U	**5.0**	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	6/20/2011	**230**	**140**	250 U	**4.9**	2.0 U	2.0 U	**6.3**	2.0 U	**6.3**
	9/13/2011	**560**	**150**	250 U	**2.7**	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	12/14/2011	**460**	130 U	250 U	**3.0**	2.0 U	2.0 U	4.0 U	2.0 U	6.0 U
	3/27/2013	**1,400**	250 U	250 U	**39** J	**1.4**	1.0 U	n/a	n/a	**9.9**
	10/2/2013	**1,200**	**250**	250 U	**29** J	1.0 U	1.0 U	n/a	n/a	**5.7**
RW-1	2/2/2010	**5,100**	250 U	250 U	**7.2**	2.0 U	**2.9**	**58**	**2.5**	**61**
	11/11/2010	**4,100**	130 U	250 U	**9.1**	2.0 U	2.0 U	**70**	**2.3**	**72**
	3/22/2011	**3,200**	**1,200**	**450**	2.0 U	**5.5**	2.0 U	**79**	**6.2**	**85**
	6/20/2011	**3,900**	**360**	250 U	2.0 U	2.0 U	2.0 U	**41** U	2.0 U	**41**
	9/13/2011	**1,800**	250 U	250 U	2.0 U	**2.7**	2.0 U	**79**	**2.6**	**82**
	12/15/2011	**4,800**	250 U	250 U	2.0 U	**3.6**	2.0 U	**110**	**3.9**	**114**
	3/27/2013	**2,300**	250 U	250 U	5.0 U	5.0 U	5.0 U	n/a	n/a	**20**
	10/3/2013	**4,400**	250 U	250 U	**81**	5.0 U	5.0 U	n/a	n/a	**49**
DPE-1	3/28/2013	**270**	130 U	250 U	1.0 U	1.0 U	**3.0**	n/a	n/a	3.0 U
	10/2/2013	**460**	**190**	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
DPE-2	3/28/2013	**150**	250 U	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
	10/3/2013	**110**	**190**	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
DPE-3	3/27/2013	**75**	130 U	250 U	1.0 U	1.0 U	**1.0**	n/a	n/a	3.0 U
	10/3/2013	50 U	**170**	250 U	1.0 U	1.0 U	1.0 U	n/a	n/a	3.0 U
MTCA Method A Cleanup Level		800/1,000[3]	500	500	5	1,000	700	NE	NE	1,000

Notes:
Bolded cells indicate detections greater than the analytical method reporting limit
Shaded cells indicate concentrations greater than the MTCA Method A Groundwater Cleanup Level (Chapter 173-340-900 Washington Administrative Code)
[2]Well was dry
[3]Cleanup standard of 800 µg/l applies when benzene is present in the sample, 1,000 µg/l applies when there is no detectable benzene within the sample
J = Value is estimated because of surrogate recovery noncompliance
MTCA = Model Toxics Control Act
n/a = Not applicable. Samples were analyzed only for total xylenes.
NE = None established
NS = No sample collected
U = Parameter not detected at or above the indicated reporting limit
µg/l = Micrograms per liter

FIGURES

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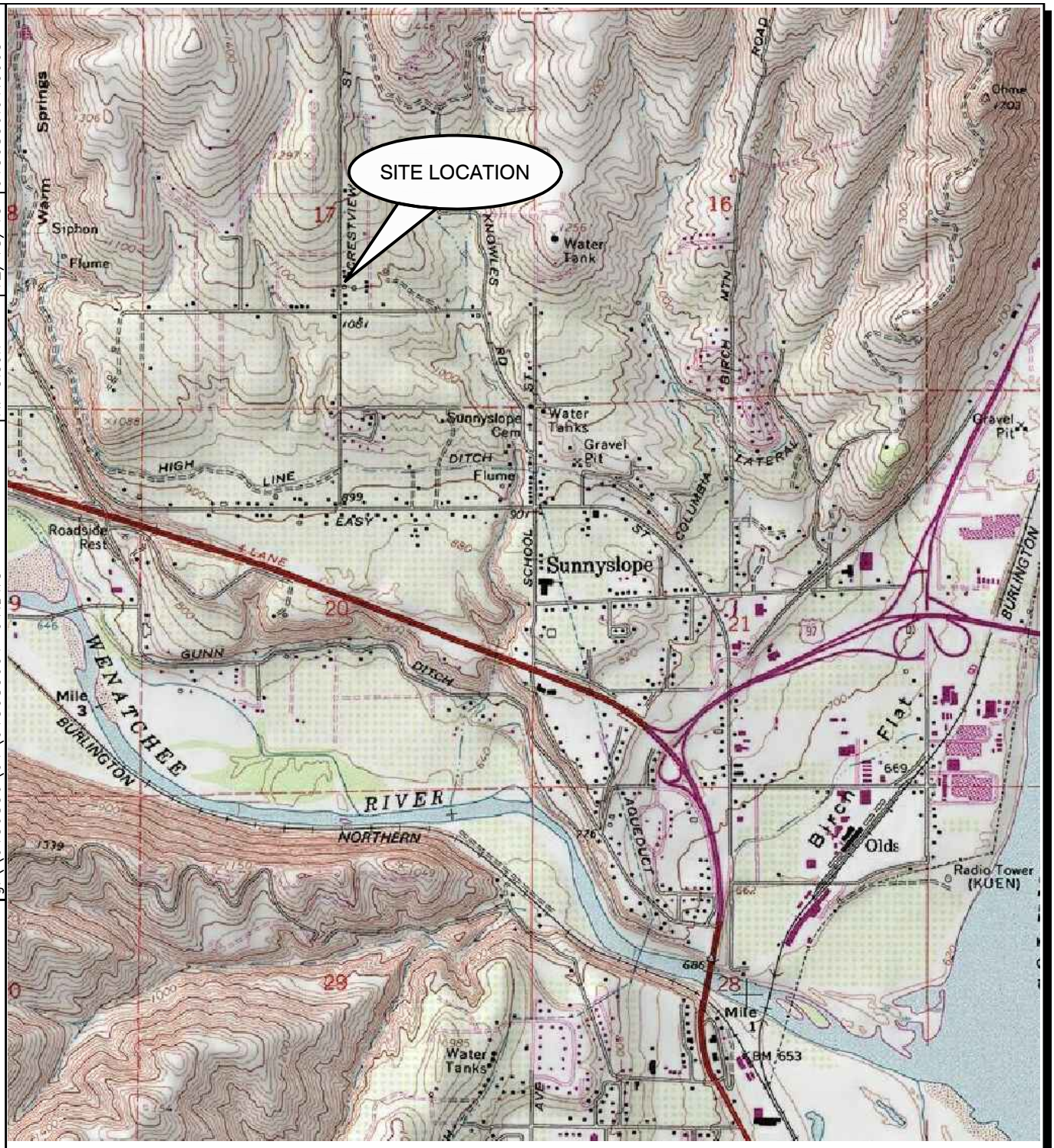
Project No. 0130850.01.0003
Date: 12/18/13
Drawn By: R. Olson
CAD File: g:\0130850\01\013085001-01.DWG



SCALE 1: 24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

N

References:
TOPO!® Software
U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle, Wenatchee, WA
Version: 1987; Current: 1983

Figure 1
Site Location Map
Former Birchmount Orchard Facility
Wenatchee, Washington

ERM 12/13

Project No. 0130850.01.0003
Date: 12/18/13
Drawn By: R. Olson
CAD File: G:\0130850\01\0130850001-02.dwg

EXISTING INFILTRATION TRENCH
MW-1 1092.89
1090
FORMER VEHICLE STORAGE BUILDING (REMOVED)
TREATMENT TRAILER
1085
DPE-1 1084.53
DPE-2 1084.19
RW-1 1093.85*
MW-2 1081.96
MW-3 1084.15
DPE-3 1083.01
FORMER STORAGE BUILDING (REMOVED)
MW-7 DRY
MW-4
1080
FORMER VEHICLE STORAGE BUILDING (REMOVED)
MW-11 1078.60
1075
MW-10 1052.45
MW-9 DRY
EXISTING OFFICE/SHOP
1070
1065
1060
MW-8 1059.72
MW-5 DRY
1055
CRESTVIEW ROAD

LEGEND

- MW-1 — Existing Monitoring Well
- RW-1 — Existing Recovery Well
- DPE-1 — DPE Well
- MW-4 — Well Could Not Be Located
- DPE System Piping
- 1078.60 — Groundwater Elevation (feet amsl)
- * — Not Used for Contouring
- 1075 — Potentiometric Surface (feet amsl)
- Inferred Groundwater Flow Direction
- Former UST (removed 1992)
- Gravel/Dirt Driveway

NOTES:
1. FORMER UST LOCATIONS SHOWN ARE APPROXIMATE.

N

0 15' 30' 60'
SCALE IN FEET

Figure 2
Potentiometric Surface Map
27 March 2013
Former Birchmount Orchard Facility
Wenatchee, Washington
ERM 12/13

Project No. 0130850.01.0003
Date: 12/18/13
Drawn By: R. Olson
CAD File: G:\0130850\01\0130850001-03.dwg

CRESTVIEW ROAD

EXISTING INFILTRATION TRENCH

MW-1 1093.26

FORMER VEHICLE STORAGE BUILDING (REMOVED)

TREATMENT TRAILER

1090

1085

DPE-1 1085.08

DPE-2 1084.72

RW-1 1084.29

MW-2 1082.29

MW-3 1084.64

DPE-3 1081.72

1080

FORMER STORAGE BUILDING (REMOVED)

MW-7 DRY

MW-4

FORMER VEHICLE STORAGE BUILDING (REMOVED)

MW-11 1079.14

1075

1070

1065

1060

1055

MW-10 1052.99

MW-9 DRY

EXISTING OFFICE/SHOP

MW-8 1060.22

MW-5 DRY

LEGEND

- MW-1 — Existing Monitoring Well
- RW-1 — Existing Recovery Well
- DPE-1 — DPE Well
- MW-4 — Well Could Not Be Located
- DPE System Piping
- 1079.14 — Groundwater Elevation (feet amsl)
- 1075 — Potentiometric Surface (feet amsl)
- Inferred Groundwater Flow Direction
- Former UST (removed 1992)
- Gravel/Dirt Driveway

NOTES:
1. FORMER UST LOCATIONS SHOWN ARE APPROXIMATE.

N

0 15' 30' 60'
SCALE IN FEET

Figure 3
Potentiometric Surface Map
2 October 2013
Former Birchmount Orchard Facility
Wenatchee, Washington

ERM 12/13

Project No. 0130850.01.0003
Date: 12/18/13
Drawn By: R. Olson
CAD File: G:\0130850\01\01385001-04.dwg

EXISTING INFILTRATION TRENCH

MW-1

MW-1						
CONSTITUENT	6/20/11	9/13/11	12/14/11	3/27/13	10/2/13	MTCA A
TPH-G	ND	ND	ND	ND	ND	800
TPH-D	ND	ND	ND	ND	ND	500
TPH-HO	ND	ND	ND	ND	ND	500
B	ND	ND	ND	ND	ND	5
T	ND	ND	ND	ND	ND	1000
E	ND	ND	ND	ND	ND	700
X	ND	ND	ND	ND	ND	1000

TREATMENT TRAILER

FORMER VEHICLE STORAGE BUILDING (REMOVED)

DPE-1					
CONSTITUENT	2/19/12	3/28/13	10/2/13	MTCA A
TPH-G	160	270	460	800
TPH-D	130	ND	190	500
TPH-HO	250	ND	ND	500
B	ND	ND	ND	5
T	ND	ND	ND	1000
E	ND	3.0	ND	700
X	ND	ND	ND	1000

DPE-2				
CONSTITUENT	2/19/12	3/28/13	10/3/13	MTCA A
TPH-G	72	150	110	800
TPH-D	130	ND	190	500
TPH-HO	250	ND	ND	500
B	ND	ND	ND	5
T	ND	ND	ND	1000
E	ND	3.0	ND	700
X	ND	ND	ND	1000

DPE-1

DPE-2

DPE-3

MW-2							
CONSTITUENT	6/20/11	9/13/11	12/14/11	3/27/13	10/2/13	MTCA A
TPH-G	ND**	ND	ND	ND	ND	800
TPH-D	ND	ND	ND	ND	ND	500
TPH-HO	ND	ND	ND	ND	ND	500
B	ND	ND	ND	ND	ND	5
T	ND	ND	ND	ND	ND	1000
E	ND	ND	ND	ND	ND	700
X	ND	ND	ND	ND	ND	1000

MW-2

DPE-3					
CONSTITUENT	2/19/12	3/28/13	10/3/13	MTCA A
TPH-G	230	75	ND	800
TPH-D	130	ND	170	500
TPH-HO	250	ND	ND	500
B	ND	ND	ND	5
T	ND	ND	ND	1000
E	ND	1.0	ND	700
X	16	ND	ND	1000

RW-1						
CONSTITUENT	6/20/11	9/14/11	12/15/11	3/28/13	10/3/13	MTCA A
TPH-G	3,900	1,800	4,800	2,300	4,400	800
TPH-D	360	ND	ND	ND	ND	500
TPH-HO	ND	ND	ND	ND	ND	500
B	ND	ND	ND	ND	81	5
T	ND	2.7	3.6	ND	ND	1000
E	ND	ND	ND	ND	ND	700
X	41	81.6	113.9	20	49	1000

RW-1

FORMER STORAGE BUILDING (REMOVED)

MW-3						
CONSTITUENT	6/20/11	9/13/11	12/15/11	3/27/13	10/2/13	MTCA A
TPH-G	1,500	2,100	3,800	740	2,400	800
TPH-D	ND	460	ND	ND	ND	500
TPH-HO	ND	ND	ND	ND	ND	500
B	ND	ND	ND	ND	43	5
T	ND	ND	ND	ND	ND	1000
E	ND	ND	ND	6.7	ND	700
X	5.2	23	29	9.9	13	1000

MW-3

MW-7 NS*

MW-4

MW-11

MW-11						
CONSTITUENT	6/20/11	9/13/11	12/14/11	3/27/13	10/2/13	MTCA A
TPH-G	ND**	560	460	1,400	1,200	800
TPH-D	140	150	ND	ND	250	500
TPH-HO	ND	ND	ND	ND	ND	500
B	4.9	2.7	3.0	39	29	5
T	ND	ND	ND	1.4	ND	1000
E	ND	ND	ND	ND	ND	700
X	6.3	ND	ND	9.9	5.7	1000

FORMER VEHICLE STORAGE BUILDING (REMOVED)

MW-10

MW-9* NS

MW-10						
CONSTITUENT	6/20/11	9/13/11	12/14/11	3/27/13	10/3/13	MTCA A
TPH-G	ND	250	ND	ND	ND	800
TPH-D	ND	250	ND	ND	ND	500
TPH-HO	ND	ND	ND	ND	ND	500
B	ND	ND	ND	ND	ND	5
T	ND	ND	ND	ND	ND	1000
E	ND	6.4	ND	ND	ND	700
X	ND	6.4	ND	ND	ND	1000

EXISTING OFFICE/SHOP

MW-8

MW-5* NS

MW-8						
CONSTITUENT	6/20/11	9/13/11	12/14/11	3/27/13	10/2/13	MTCA A
TPH-G	ND	ND	ND	ND	ND	800
TPH-D	ND	ND	ND	ND	ND	500
TPH-HO	ND	ND	ND	ND	ND	500
B	ND	ND	ND	ND	ND	5
T	ND	ND	ND	ND	ND	1000
E	ND	ND	ND	ND	ND	700
X	ND	ND	ND	ND	ND	1000

CRESTVIEW ROAD

LEGEND

- MW-1 — Existing Monitoring Well
- RW-1 — Existing Recovery Well
- DPE-1 — DPE Well
- MW-4 — Well Could Not Be Located
- DPE System Piping
- Former USTs (Removed 1992)
- Gravel/Dirt Driveway

Shading Indicates Concentrations Above Applicable MTCA Method A Groundwater Cleanup Level

- TPH-G — Gasoline-Range Petroleum Hydrocarbons
- TPH-D — Diesel-Range Petroleum Hydrocarbons
- TPH-HO — Heavy Oil-Range Petroleum Hydrocarbons
- B — Benzene
- T — Toluene
- E — Ethylbenzene
- X — Total Xylenes
- ND — Not Detected at or Above Reporting Limit
- NS — Not Sampled
- * — Well Was Dry
- ** — Result Qualified as Non Detect Based on Detection of TPH-G in Associated Quality Assurance/Quality Control Sample

Concentrations in micrograms per liter ($\mu g/L$)

- Approximate Plume Extent of Baseline Monitoring Event (02/01/10); Dashed Where Inferred
- Approximate Plume Extent of Monitoring Event (October 2013); Dashed Where Inferred

NOTE:
1. FORMER UST LOCATIONS SHOWN ARE APPROXIMATE.

N

0 15' 30' 60'

SCALE IN FEET

Figure 4

Groundwater Analytical Results
Former Birchmount Orchard Facility
Wenatchee, Washington

ERM 12/13

ATTACHMENT A

Laboratory Data Reports

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Memorandum

Environmental Resources Management

825 West 8th Avenue
Anchorage, AK 99501
(907) 258-4880
(907) 258-4033 (fax)
www.ermalaska.com

To: File

From: Mike Arnold

Date: 16 December 2013

Subject: Data Review of Birchmount Orchard Groundwater Samples Collected 27 March 2013

Project Number: 0130850.01.0003

Data Packages: ALS Job Number EV13030167

The quality of the data was assessed and any necessary qualifiers were applied following the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review,* October 2004.

HOLDING TIME AND PRESERVATION EVALUATION

The samples were prepared and analyzed within the method-prescribed time period from the date of collection.

The sample shipments were received at the laboratory within the method-prescribed temperature preservation requirements of 2 to 6 degrees Celsius.

SURROGATE EVALUATION

Surrogate recoveries for each analysis were within the laboratory-defined acceptable range except for sample MW-11-032713 (laboratory sample EV13030167-05), which has a trifluorotoluene recovery for USEPA Method 8021 of 166%, which is greater than the upper limit for that surrogate. The noncompliance was attributed to coeluting compounds in the sample.

BLANK EVALUATION

None of the target analytes were detected in the trip or laboratory blank samples.

BLANK SPIKE/BLANKS SPIKE DUPLICATE EVALUATION

The laboratory control sample recoveries were within the laboratory's limits of acceptance.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE EVALUATION

The matrix spike/matrix spike duplicate recoveries were within the laboratory's limits of acceptance.

OVERALL ASSESSMENT

Results for USEPA Method 8021 for sample MW-11-032713 (laboratory sample EV13030167-05) are qualified as estimated because of surrogate recovery noncompliance. No other data required rejection or qualification. With the qualifications indicated herein, the data in the laboratory report can be used for decision-making purposes in technically defensible documents.

April 4, 2013

Mr. Josh Hancock
ERM West
1218 - 3rd Ave, Suite 1412
Seattle, WA 98101

Dear Mr. Hancock,

On March 28th, 13 samples were received by our laboratory and assigned our laboratory project number EV13030167. The project was identified as your Dole GW Sampling. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	4/4/2013
		ALS JOB#:	EV13030167
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 1:31:00 PM
CLIENT SAMPLE ID	MW-1-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**81.4**	03/29/2013	DLC
TFT	EPA-8021	**102**	03/29/2013	DLC
C25	NWTPH-DX	**86.0**	04/01/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	4/4/2013
		ALS JOB#:	EV13030167
		ALS SAMPLE#:	-02
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 2:08:00 PM
CLIENT SAMPLE ID	MW-2-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.0**	03/29/2013	DLC
TFT	EPA-8021	**102**	03/29/2013	DLC
C25	NWTPH-DX	**76.4**	04/01/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	4/4/2013
		ALS JOB#:	EV13030167
		ALS SAMPLE#:	-03
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 2:49:00 PM
CLIENT SAMPLE ID	MW-10-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.9**	03/29/2013	DLC
TFT	EPA-8021	**105**	03/29/2013	DLC
C25	NWTPH-DX	**84.3**	04/01/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -04
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 3:19:00 PM
CLIENT SAMPLE ID	MW-8-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/29/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/29/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.3**	03/29/2013	DLC
TFT	EPA-8021	**102**	03/29/2013	DLC
C25	NWTPH-DX	**81.6**	03/29/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -05
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 3:54:00 PM
CLIENT SAMPLE ID	MW-11-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**1400**	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	**39**	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	**1.4**	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	**9.9**	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**128**	03/29/2013	DLC
TFT	EPA-8021	**166 GS3**	03/29/2013	DLC
C25	NWTPH-DX	**86.5**	04/01/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
GS3 - Surrogate outside of control limits due to coeluting compounds.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.
Diesel range product reporting limits raised due to volatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -06
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 12:00:00 PM
CLIENT SAMPLE ID	RB-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/29/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/29/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.6**	03/29/2013	DLC
TFT	EPA-8021	**104**	03/29/2013	DLC
C25	NWTPH-DX	**93.9**	03/29/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -07
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 4:42:00 PM
CLIENT SAMPLE ID	MW-3-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**740**	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	**6.7**	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	**4.0**	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**107**	03/29/2013	DLC
TFT	EPA-8021	**131**	03/29/2013	DLC
C25	NWTPH-DX	**90.9**	04/01/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

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ALS Laboratory Group A Campbell Brothers Limited Company

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -08
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 10:00:00 AM
CLIENT SAMPLE ID	DUP-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**480**	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	**4.4**	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.3**	03/29/2013	DLC
TFT	EPA-8021	**105**	03/29/2013	DLC
C25	NWTPH-DX	**90.4**	04/01/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

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ALS Laboratory Group A Campbell Brothers Limited Company

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -09
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/27/2013 5:27:00 PM
CLIENT SAMPLE ID	DPE-3-032713	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**75**	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	**1.0**	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/02/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/02/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.4**	03/29/2013	DLC
TFT	EPA-8021	**99.3**	03/29/2013	DLC
C25	NWTPH-DX	**85.0**	04/02/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -10
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/28/2013 8:30:00 AM
CLIENT SAMPLE ID	DPE-1-032813	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**270**	50	1	UG/L	03/29/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	**3.0**	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/29/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/29/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.4**	03/29/2013	DLC
TFT	EPA-8021	**125**	03/29/2013	DLC
C25	NWTPH-DX	**84.3**	03/29/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -11
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/28/2013 9:31:00 AM
CLIENT SAMPLE ID	DPE-2-032813	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**150**	50	1	UG/L	03/30/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/30/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/30/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/30/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/30/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	250	1	UG/L	04/02/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/02/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.9**	03/30/2013	DLC
TFT	EPA-8021	**103**	03/30/2013	DLC
C25	NWTPH-DX	**87.8**	04/02/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.
Diesel range product reporting limits raised due to volatile range product overlap.

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ALS Laboratory Group A Campbell Brothers Limited Company

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -12
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/28/2013 10:45:00 AM
CLIENT SAMPLE ID	RW-1-032813	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**2300**	250	5	UG/L	04/01/2013	DLC
Benzene	EPA-8021	U	5.0	5	UG/L	04/01/2013	DLC
Toluene	EPA-8021	U	5.0	5	UG/L	04/01/2013	DLC
Ethylbenzene	EPA-8021	U	5.0	5	UG/L	04/01/2013	DLC
Xylenes	EPA-8021	**20**	15	5	UG/L	04/01/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	250	1	UG/L	04/02/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/02/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 5X Dilution	NWTPH-GX	**97.4**	04/01/2013	DLC
TFT 5X Dilution	EPA-8021	**121**	04/01/2013	DLC
C25	NWTPH-DX	**90.2**	04/02/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

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ALS Laboratory Group A Campbell Brothers Limited Company

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	4/4/2013 EV13030167 -13
CLIENT CONTACT:	Josh Hancock	DATE RECEIVED:	3/28/2013
CLIENT PROJECT:	Dole GW Sampling	COLLECTION DATE:	3/28/2013 8:00:00 AM
CLIENT SAMPLE ID	Trip Blank	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/30/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	03/30/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/30/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/30/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/30/2013	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.8**	03/30/2013	DLC
TFT	EPA-8021	**98.7**	03/30/2013	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT: ERM West
1218 - 3rd Ave, Suite 1412
Seattle, WA 98101
CLIENT CONTACT: Josh Hancock
CLIENT PROJECT: Dole GW Sampling

DATE: 4/4/2013
ALS SDG#: EV13030167
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MBG-032913W - Batch 3598 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/29/2013	DLC

MB-032913W - Batch 3598 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/29/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/29/2013	DLC

MB-032913W - Batch 3602 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	04/01/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	04/01/2013	EBS

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	4/4/2013
		ALS SDG#:	EV13030167
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Josh Hancock		
CLIENT PROJECT:	Dole GW Sampling		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 3598 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**76.1**			03/29/2013	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**71.8**	**6**		03/29/2013	DLC

ALS Test Batch ID: 3598 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**104**			03/29/2013	DLC
Benzene - BSD	EPA-8021	**108**	**4**		03/29/2013	DLC
Toluene - BS	EPA-8021	**102**			03/29/2013	DLC
Toluene - BSD	EPA-8021	**106**	**3**		03/29/2013	DLC
Ethylbenzene - BS	EPA-8021	**101**			03/29/2013	DLC
Ethylbenzene - BSD	EPA-8021	**104**	**3**		03/29/2013	DLC
Xylenes - BS	EPA-8021	**104**			03/29/2013	DLC
Xylenes - BSD	EPA-8021	**106**	**2**		03/29/2013	DLC

ALS Test Batch ID: 3602 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**80.2**			04/01/2013	EBS
TPH-Diesel Range - BSD	NWTPH-DX	**82.0**	**2**		04/01/2013	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	4/4/2013
		ALS SDG#:	EV13030167
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Josh Hancock		
CLIENT PROJECT:	Dole GW Sampling		

MATRIX SPIKE RESULTS

ALS Test Batch ID: 3598 - Water

Parent Sample: **MW-1-032713**

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - MS	NWTPH-GX	**80.3**			03/29/2013	DLC
TPH-Volatile Range - MSD	NWTPH-GX	**83.7**	**4**		03/29/2013	DLC

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Benzene - MS	EPA-8021	**100**			03/29/2013	DLC
Benzene - MSD	EPA-8021	**100**	**0**		03/29/2013	DLC
Toluene - MS	EPA-8021	**98.0**			03/29/2013	DLC
Toluene - MSD	EPA-8021	**97.1**	**1**		03/29/2013	DLC
Ethylbenzene - MS	EPA-8021	**96.5**			03/29/2013	DLC
Ethylbenzene - MSD	EPA-8021	**96.5**	**0**		03/29/2013	DLC
Xylenes - MS	EPA-8021	**98.3**			03/29/2013	DLC
Xylenes - MSD	EPA-8021	**98.4**	**0**		03/29/2013	DLC

ALS Test Batch ID: 3602 - Water

Parent Sample: **MW-1-032713**

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - MS	NWTPH-DX	**81.5**			04/01/2013	EBS
TPH-Diesel Range - MSD	NWTPH-DX	**81.4**	**0**		04/01/2013	EBS

APPROVED BY

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV1303067

Date 3/28/13 Page 1 Of 2

PROJECT ID:	Dole GW Sampling
REPORT TO COMPANY:	ERM
PROJECT MANAGER:	Josh Hancock
ADDRESS:	1218 3rd Ave Ste 1412
	Seattle, WA 98101
PHONE:	425 462 8591 FAX: —
P.O. #:	E-MAIL: josh.hancock@erm.com
INVOICE TO COMPANY:	ERM Walnut Creek, CA
ATTENTION:	Accts. Payable
ADDRESS:	

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify) MS/MSD						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-1-032713	3/27/13	1331	W	1		X	X	X												X						9
2. MW-2-032713		1408	W	2		X	X	X																		3
3. MW-10-032713		1449	W	3		X	X	X																		3
4. MW-8-032713		1515	W	4		X	X	X																		3
5. MW-11-032713		1554	W	5		X	X	X																		3
6. RB-032713		1200	W	6		X	X	X																		3
7. MW-3-032713		1642	W	7		X	X	X																		3
8. DUP-032713		1000	W	8		X	X	X																		3
9. DPE-3-032713		1727	W	9		X	X	X																		3
10. DPE-1-032813	3/28/13	0830	W	10		X	X	X																		3

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Crandell, ERM, 3/28/13 4:00 pm
   Received By: Shawn Robinson ALS 3/28/13 4:00 pm
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: ~~10~~ Standard | 3 | 1 | SAME DAY

OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV13030167

Date 3/28/13 Page 2 Of 2

PROJECT ID:	Dole GW Sampling
REPORT TO COMPANY:	ERM
PROJECT MANAGER:	Josh Hancock
ADDRESS:	1218 3rd Ave Ste 1412
	Seattle, WA 98101
PHONE:	425 462 8591 FAX: —
P.O. #:	E-MAIL: josh.hancock@erm.com
INVOICE TO COMPANY:	ERM Walnut Creek, CA
ATTENTION:	Accts. Payable
ADDRESS:	

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. DPE-2-032813	3/28/13	0931	W	11		X	X	X													3	
2. RW-1-032813	3/28/13	1045	W	12		X	X	X													3	
3. Trip Blank	—	—	W	13			X	X													2	
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

MC 3/28/13

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Crandell, ERM, 3/28/13, 4:00pm
   Received By: Shawn Robinson ALS 3/28/13 4:00
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: ☑ Standard | 3 | 1 | SAME DAY

OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

Memorandum

Environmental Resources Management

825 West 8th Avenue
Anchorage, AK 99501
(907) 258-4880
(907) 258-4033 (fax)
www.ermalaska.com

To: File

From: Mike Arnold

Date: 16 December 2013

Subject: Data Review of Birchmount Orchard Groundwater Samples Collected 27 March 2013

Project Number: 0130850.01.0003

Data Packages: ALS Job Number EV13100060

The quality of the data was assessed and any necessary qualifiers were applied following the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review,* October 2004.

HOLDING TIME AND PRESERVATION EVALUATION

The samples were prepared and analyzed within the method-prescribed time period from the date of collection.

The sample shipments were received at the laboratory within the method-prescribed temperature preservation requirements of 2 to 6 degrees Celsius.

SURROGATE EVALUATION

Surrogate recoveries for each analysis were within the laboratory-defined acceptable range except for sample MW-11-100213 (laboratory sample EV13100060-05), which has a trifluorotoluene recovery for Washington State Department of Ecology (Ecology) Method NWTPH –Gx and USEPA Method 8021 of 143% and 146%, respectively, which are greater than the upper limits for that surrogate in those methods. The noncompliance was attributed to coeluting compounds in the sample.

BLANK EVALUATION

None of the target analytes were detected in the laboratory blank sample.

BLANK SPIKE/BLANKS SPIKE DUPLICATE EVALUATION

The laboratory control sample recoveries were within the laboratory's limits of acceptance.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE EVALUATION

No matrix spike/matrix spike duplicate recoveries were reported for this sample set.

OVERALL ASSESSMENT

Results for USEPA Method 8021 and Ecology Method NWTPH –Gx for sample MW-11-032713 (laboratory sample EV13100060-05) are qualified as estimated because of surrogate recovery noncompliance. No other data required rejection or qualification. With the qualifications indicated herein, the data in the laboratory report can be used for decision-making purposes in technically defensible documents.

October 10, 2013

Mr. Mike Arnold
ERM West
1218 - 3rd Ave, Suite 1412
Seattle, WA 98101

Dear Mr. Arnold,

On October 4th, 10 samples were received by our laboratory and assigned our laboratory project number EV13100060. The project was identified as your Dole. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	10/10/2013
		ALS JOB#:	EV13100060
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/2/2013 1:50:00 PM
CLIENT SAMPLE ID	MW-1-100213	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/08/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/08/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**95.6**	10/07/2013	DLC
TFT	EPA-8021	**93.1**	10/07/2013	DLC
C25	NWTPH-DX	**111**	10/08/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -02
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/2/2013 2:31:00 PM
CLIENT SAMPLE ID	MW-2-100213	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	10/07/2013	DLC
TFT	EPA-8021	**100**	10/07/2013	DLC
C25	NWTPH-DX	**98.2**	10/07/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -03
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/2/2013 3:08:00 PM
CLIENT SAMPLE ID	MW-10-100213	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/08/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/08/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**95.6**	10/07/2013	DLC
TFT	EPA-8021	**89.8**	10/07/2013	DLC
C25	NWTPH-DX	**106**	10/08/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -04
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/2/2013 3:54:00 PM
CLIENT SAMPLE ID	MW-8-100213	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/08/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/08/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**96.4**	10/07/2013	DLC
TFT	EPA-8021	**95.8**	10/07/2013	DLC
C25	NWTPH-DX	**94.4**	10/08/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -05
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/2/2013 4:43:00 PM
CLIENT SAMPLE ID	MW-11-100213	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**1200**	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	**29**	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	**5.7**	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	**250**	130	1	UG/L	10/08/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/08/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**143 GS3**	10/07/2013	DLC
TFT	EPA-8021	**146 GS3**	10/07/2013	DLC
C25	NWTPH-DX	**106**	10/08/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
GS3 - Surrogate outside of control limits due to coeluting compounds.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline and an unidentified diesel range product.
Diesel range product results biased high due to gasoline range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	10/10/2013
		ALS JOB#:	EV13100060
		ALS SAMPLE#:	-06
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/2/2013 5:18:00 PM
CLIENT SAMPLE ID	MW-3-100213	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**2400**	250	5	UG/L	10/08/2013	DLC
Benzene	EPA-8021	**43**	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	**13**	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 5X Dilution	NWTPH-GX	**111**	10/08/2013	DLC
TFT	EPA-8021	**133**	10/07/2013	DLC
C25	NWTPH-DX	**104**	10/07/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.
Diesel range product reporting limits raised due to volatile range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -07
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/3/2013 8:50:00 AM
CLIENT SAMPLE ID	DPE-1-100313	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**460**	50	1	UG/L	10/08/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/08/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/08/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/08/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/08/2013	DLC
TPH-Diesel Range	NWTPH-DX	**190**	130	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**107**	10/08/2013	DLC
TFT	EPA-8021	**107**	10/08/2013	DLC
C25	NWTPH-DX	**104**	10/07/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline and an unidentified diesel range product.
Diesel range product results biased high due to gasoline range product overlap.

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -08
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/3/2013 9:29:00 AM
CLIENT SAMPLE ID	DPE-2-100313	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**110**	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	**190**	130	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.1**	10/07/2013	DLC
TFT	EPA-8021	**81.4**	10/07/2013	DLC
C25	NWTPH-DX	**103**	10/07/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and an unidentified diesel range product.
Diesel range product results biased high due to gasoline range product overlap.

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ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -09
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/3/2013 10:07:00 AM
CLIENT SAMPLE ID	DPE-3-100313	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/07/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	**170**	130	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**105**	10/07/2013	DLC
TFT	EPA-8021	**96.9**	10/07/2013	DLC
C25	NWTPH-DX	**102**	10/07/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

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CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE: ALS JOB#: ALS SAMPLE#:	10/10/2013 EV13100060 -10
CLIENT CONTACT:	Mike Arnold	DATE RECEIVED:	10/4/2013
CLIENT PROJECT:	Dole	COLLECTION DATE:	10/3/2013 11:32:00 AM
CLIENT SAMPLE ID	RW-1-100313	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**4400**	250	5	UG/L	10/08/2013	DLC
Benzene	EPA-8021	**81**	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	**49**	3.0	1	UG/L	10/07/2013	DLC
TPH-Diesel Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 5X Dilution	NWTPH-GX	**112**	10/08/2013	DLC
TFT	EPA-8021	**132**	10/07/2013	DLC
C25	NWTPH-DX	**110**	10/07/2013	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.
Diesel range product reporting limits raised due to volatile range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	10/10/2013
		ALS SDG#:	EV13100060
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mike Arnold		
CLIENT PROJECT:	Dole		

LABORATORY BLANK RESULTS

MBG-100713W - Batch 7253 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/07/2013	DLC

MB-100713W - Batch 7253 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/07/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	10/07/2013	DLC

MB-100713W - Batch 7249 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/07/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/07/2013	EBS

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	ERM West 1218 - 3rd Ave, Suite 1412 Seattle, WA 98101	DATE:	10/10/2013
		ALS SDG#:	EV13100060
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mike Arnold		
CLIENT PROJECT:	Dole		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 7253 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**73.6**			10/07/2013	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**75.3**	**2**		10/07/2013	DLC

ALS Test Batch ID: 7253 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**90.7**			10/07/2013	DLC
Benzene - BSD	EPA-8021	**95.4**	**5**		10/07/2013	DLC
Toluene - BS	EPA-8021	**91.9**			10/07/2013	DLC
Toluene - BSD	EPA-8021	**97.4**	**6**		10/07/2013	DLC
Ethylbenzene - BS	EPA-8021	**92.7**			10/07/2013	DLC
Ethylbenzene - BSD	EPA-8021	**98.5**	**6**		10/07/2013	DLC
Xylenes - BS	EPA-8021	**93.7**			10/07/2013	DLC
Xylenes - BSD	EPA-8021	**99.7**	**6**		10/07/2013	DLC

ALS Test Batch ID: 7249 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**77.8**			10/07/2013	EBS
TPH-Diesel Range - BSD	NWTPH-DX	**83.7**	**7**		10/07/2013	EBS

APPROVED BY

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV1310060

Date 10/2/13 Page 1 Of 1

PROJECT ID: Dole
REPORT TO COMPANY: ERM
PROJECT MANAGER: Mike Arnold
ADDRESS: 1218 3rd Ave Ste 1412
Seattle WA 98101
PHONE: 425 462 8591 FAX: —
P.O. #: 130850 E-MAIL: mike.arnold@erm.com
INVOICE TO COMPANY: ERM Walnut Creek
ATTENTION:
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-1-100213	10/2/13	1350	W	1		X	X	X												3	
2. MW-2-100213		1431	W	2		X	X	X												3	
3. MW-10-100213		1508	W	3		X	X	X												3	
4. MW-8-100213		1554	W	4		X	X	X												3	
5. MW-11-100213		1643	W	5		X	X	X												3	
6. MW-3-100213		1718	W	6		X	X	X												3	
7. DPE-1-100313	10/3/13	850	W	7		X	X	X												3	
8. DPE-2-100313		929	W	8		X	X	X												3	
9. DPE-3-100313		1007	W	9		X	X	X												3	
10. RW-1-100313		1132	W	10		X	X	X												3	

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Matt Crandell, ERM, 10/4/2013, 1045
Received By: ALS 10/4/13 10:45
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY
Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY
Standard
OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

ATTACHMENT B

Bill of Landing

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STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

NRC
9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. 65081

Carrier NRC SCAC _____ Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations:

at _____, date 11-6-13 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood thoughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on it's route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:	**FROM:**
Consignee PRS	Shipper Dole Birchmount
Street 3003 Tayle Way	Street 828 American Fruit Road
Destination Tacoma WA Zip	Origin Wenatchee WA Zip 98801

Route

Delivering Carrier | Vehicle Number | U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
			Material Not Regulated By DOT (ground water)			750gal		
			Job# 76141					
			Po# 16355					
			Profile # 3096-6					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).

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

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: _____
PER: _____ DATE: _____

CARRIER: _____
PER: _____ DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

NRC
9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. 65082

Carrier _____ SCAC _____ Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations.

at _____, date 11-6-13 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood thoughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on it's route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: PRS Consignee Street 3003 Tayler way Destination Tacoma WA Zip	**FROM:** Dole Birchmont Shipper Street 828 American Fruit Road Origin Wenatchee WA Zip 98801
Route	
Delivering Carrier	Vehicle Number

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
			Material Not Regulated By DOT (RCRA Empty Drums)					
			Empty drums			24 drums		
			Job# 78741					
			PO# 11035					
			Profile # 1673-x					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).

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

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Dole Birchmont
PER: Kara Lagerlof (FRM) DATE: 10/6/13

CARRIER: NRC
PER: Alexander DATE: 11-6-13

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

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