



Mr. Eric Winiiecki  
EPA Project Coordinator  
U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue, Suite 900  
Seattle, WA 98101

Subject:  
DOCKET NO. SDWA-10-2013-0080, Yakima Valley Dairies  
June 2014 Monthly Progress Report

Dear Mr. Winiiecki:

Please find attached the Yakima Valley Dairies Monthly Progress Report for the period June 11 to July 10, 2014, submitted on behalf of: (1) Cow Palace, LLC; (2) D & A Dairy, LLC (also known as D&A Dairy L.L.C.), George DeRuyter & Son Dairy, L.L.C., and George & Margaret, L.L.C; and (3) Liberty Dairy LLC and its associated dairy facility H&S Bosma Dairy. If you have any questions or comments, please do not hesitate to call. Thank you.

Sincerely,

ARCADIS U.S., Inc.

Kevin M. Freeman  
YVD Project Coordinator

Attachments:  
Monthly Progress Report, June 11 to July 10, 2014

Copies:  
Adam Dolsen, Cow Palace LLC  
Dan DeRuyter, George DeRuyter & Son Dairy LLC  
Henry Bosma, Liberty Dairy LLC  
Rene Fuentes, EPA  
Jennifer MacDonald, EPA  
Patrick W. Ryan, Perkins Coie LLP  
Lori Terry Gregory, Foster Pepper PLLC

Imagine the result

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ENVIRONMENT

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SK030334.0001  
SK030335.0001

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SDWA-10-2013-0080

**YAKIMA VALLEY DAIRIES (YVD)**

**Docket No, SDWA-10-2013-0080**

**Monthly Progress Report [per Consent Order (CO) Statement of Work (SOW) III.K.1]**

**Period: June 11 to July 10, 2014**

<b>Task Number</b>	<b>Task Title</b>	<b>Actions Completed During Reporting Period</b>	<b>Work Planned for Next 60 days</b>	<b>Problems Encountered/Anticipated and Solutions Developed/ Implemented</b>
<b>GENERAL TASKS</b>				
1	Identify Project Coordinator (Consent Order 16. b.) and Contractor (notification of subsequent contractors must be provided to EPA 20 days prior to commencement of Work) (Consent Order 16.a.)	<b>TASK COMPLETE</b>		
4	Notify EPA regarding interest in participating in the public involvement process (III.C.)	<b>TASK COMPLETE</b>		
<b>PROVISION OF WATER (III.D.)</b>				
5	Submit Residential Well Sampling QAPP (III.D.2.)	<b>TASK COMPLETE</b>		
6	Test each residential drinking water well within the Dairy Facilities boundary and within one mile downgradient of the Dairy Facilities (III.D.3.)	<b>TASK COMPLETE</b>		
7	Provide residents results of Hach test strip (III.D.4.)	<b>TASK COMPLETE</b>		
8	Provide preliminary results of laboratory analysis of residential drinking water well samples to EPA (III.D.4.)	<b>TASK COMPLETE</b>		
9	Provide validated laboratory analytical results to each resident and to EPA (III.D.4.)	<b>TASK COMPLETE</b>		

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10	Provide reverse osmosis treatment system (or other EPA approved alternative water supply) to each owner/occupant that accepts offer for alternative water (III.D.5)	<b>TASK COMPLETE</b>		Ms. (b) (6)(b) (6), (b) (6) Road Granger, WA (b) accepted offer of reverse osmosis system. Pinnacle will install system.
11	Submit Residential Well Sampling Report	<b>TASK COMPLETE</b>		
<b>GROUNDWATER MONITORING (III.E.)</b>				
12	Submit Groundwater Monitoring QAPP (III.E.1.)	None	Third Quarter 2014 sampling event to be completed in September 2014.	
13	Submit Groundwater Monitoring Well Installation Report (III.E.2.)	Submitted revised report to EPA on May 1, 2014.	Revise Reports based on EPA comments.	
14	Report validated groundwater nitrate analytical results (III.A.3.e.(1))	Prepare Second Quarter 2014 Data Usability Reports.	Submit Draft Second Quarter 2014 Data Usability Reports to EPA by August 10, 2014. Revise Data Usability Reports based on EPA comments.	
15	Quarterly Groundwater Monitoring Data Reports (III.E.3.)	Received EPA comments to Third Quarter 2013 report on June 20, 2014.	Revise Third Quarter 2013 Report based on EPA comments and submit by July 21, 2014. Prepare Second Quarter 2014 report and submit to EPA.	
16	Annual Groundwater Monitoring Data Report (III.E.3.)	Submitted 2013 Annual Report to EPA on May 1, 2014.	Revise Report based on EPA comments.	

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<b>IMMEDIATE SOURCE CONTROL ACTIONS (III.F.)</b>				
17	Submit Dairy Facility Application Field Management Plan (III.F.1.)	<b>TASK COMPLETE</b>		
18	Submit Dairy Facility Application Field Reports (III.A.3.e.(2))	Prepare 2014 Pre-Plant Application Field Management Data Usability report(s).	Submitt Draft 2014 Pre-Plant Application Field Management Data Usability Report(s) to EPA by July 20, 2014. Revise Reports based on EPA comments.	
19	Submit Irrigation Water Management Plan (III.F.2.)	Received EPA comments to IWMPs on June 20, 2014.	Revise Plans based on EPA comments and submit Plans to EPA by July 21, 2014.	
20	Implement Irrigation Water Management Plan (III.F.2.)	None	None	
21	Take action to reduce nitrate contributions from silage storage (III.F.3.)	Provided memorandum of observations and actions to EPA in 2013 Annual Report	<b>TASK COMPLETE</b>	
22	Take action to reduce nitrate contributions from solid separator (III.F.4)	Provided memorandum of observations and actions to EPA in 2013 Annual Report	<b>TASK COMPLETE</b>	
23	Install backflow prevention system (III.F.5)	<b>TASK COMPLETE</b>		
24	Submit Lagoon Review Report (III.F.6.)	<b>TASK COMPLETE</b>		
25	Submit Lagoon Evaluation Plan (III.F.6).	Received EPA comments to Lagoon Evaluation Method Determination QAPP on June 6, 2014.	Prepare response to EPA comments by July 22, 2014.	Requested 2-week extension to original response deadline (July 8, 2014) on July 3, 2014.

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26	Submit Lagoon Evaluation Report and Lagoon Work Plan (III.F.6)	None	None	
27	Submit records of locations to which manure is transported off of the Dairy Facilities (III.F.7)	Provided 2013 information to EPA as part of 2013 Annual Report	Work with respondents to collect and tabulate 2014 records.	
28	Eliminate furrow irrigation (III.F.8.)	None	None	
29	Submit Plan for assessment of area surrounding monitoring well DC-03 (III.F.12.)	None	Develop a conceptual work plan to complete the DC-03 investigation requirement based on EPA's letter of March 14, 2014.	
<b>REPORTING (III.K.)</b>				
34	Monthly Progress Reports (III.K.1.)	Submitted May MPR on June 16, 2014. Prepared June MPR.	Prepare and submit July and August MPR.	
35	Annual Reports (III.K.2.)	Submitted 2013 Annual Report to EPA on May 1, 2014.	Revise Report based on EPA comments.	