



Mr. Eric Winiecki
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
April 2014 Monthly Progress Report

Dear Mr. Winiecki:

Please find attached the Yakima Valley Dairies Monthly Progress Report for the period April 11 to May 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, April 11 to May 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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May 15, 2014

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Our ref:
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SK030335.0001

EPA ref:
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: April 11 to May 10, 2014

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

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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)	TASK COMPLETE		Last request for system (for new installation or existing maintenance) was received by ARCADIS on August 11, 2013. ARCADIS will continue to schedule sampling, system installation and/or maintenance if contacted by resident(s).
11	Submit Residential Well Sampling Report	TASK COMPLETE		
GROUNDWATER MONITORING (III.E.)				
12	Submit Groundwater Monitoring QAPP (III.E.1.)	Submitted Data Usability Summary Reports for First Quarter 2014 data to EPA on April 30, 2014.	Scheduled Second Quarter 2014 sampling event for June 1 through 5.	
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.	Request for submission deadline extension approved by EPA.
14	Report validated groundwater nitrate analytical results (III.A.3.e.(1))	Submitted Data Usability Summary Reports for First Quarter 2014 data to EPA on April 30, 2014.	Revise Fourth Quarter 2013 and First Quarter 2014 Data Usability Summary Reports based on EPA comments.	Request for submission deadline extension approved by EPA.
15	Quarterly Groundwater Monitoring Data Reports (III.E.3.)	Submitted Revised Third and Draft Fourth Quarter 2013 Reports to EPA on May 1, 2014.	Revise Reports based on EPA comments. Prepare and submit Draft First Quarter 2014 report to EPA.	Request for submission deadline extension approved by 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.	Request for submission deadline extension approved by EPA.

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IMMEDIATE SOURCE CONTROL ACTIONS (III.F.)				
17	Submit Dairy Facility Application Field Management Plan (III.F.1.)	TASK COMPLETE		
18	Submit Dairy Facility Application Field Reports (III.A.3.e.(2))	Submitted Draft 2013 Post-Harvest Dairy Field Application Reports to EPA on May 1, 2014.	Revise Reports based on EPA comments.	Request for submission deadline extension approved by EPA.
19	Submit Irrigation Water Management Plan (III.F.2.)	Submitted revised Plans for each Respondent to EPA on May 1, 2014.	Revise Plans based on EPA comments.	
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	None	
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	None	
23	Install backflow prevention system (III.F.5)	TASK COMPLETE		
24	Submit Lagoon Review Report (III.F.6.)	TASK COMPLETE		
25	Submit Lagoon Evaluation Plan (III.F.6).	Submitted revised Plans for each Respondent to EPA on May 1, 2014.	Revise Plans based on EPA comments.	
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.	

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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.	
REPORTING (III.K.)				
34	Monthly Progress Reports (III.K.1.)	Submitted February and March 2014 MPR to EPA on May 1, 2014. Prepared and submitted April MPR.	Prepare and submit May and June MPR.	Request for submission deadline extension approved by EPA.
35	Annual Reports (III.K.2.)	Submitted 2013 Annual Report to EPA on May 1, 2014.	Revise Report based on EPA comments.	Request for submission deadline extension approved by EPA.