



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
May 2014 Monthly Progress Report

Dear Mr. Winiecki:

Please find attached the Yakima Valley Dairies Monthly Progress Report for the period May 11 to June 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, May 11 to June 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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June 16, 2014

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Our ref:
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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: May 11 to June 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		Received a request for testing from [REDACTED] WA 98932
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		[REDACTED] testing found 11.0 mg/L nitrate.
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		Letter sent to [REDACTED] with offer of reverse osmosis system. If accepted, Pinnacle will install system.
11	Submit Residential Well Sampling Report	TASK COMPLETE		
GROUNDWATER MONITORING (III.E.)				
12	Submit Groundwater Monitoring QAPP (III.E.1.)	Completed Second Quarter 2014 sampling on July 1 through 5, 2014.	None	
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))	Submitted First Quarter 2014 Data Usability Reports to EPA on April 30, 2014. Prepare Second Quarter 2014 Data Usability Reports.	Submit Draft Second Quarter 2014 Data Usability Reports to EPA by July 10, 2014. Revise Data Usability Reports based on EPA comments.	
15	Quarterly Groundwater Monitoring Data Reports (III.E.3.)	Submitted Revised Third Quarter 2013 Report to EPA on May 1, 2014. Submitted Draft Fourth Quarter 2013 Report to EPA on May 1, 2014. Prepare Draft First Quarter 2014 Report.	Submit Draft First Quarter 2014 report to EPA on May 20, 2014. Revise Reports based on EPA comments. 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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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. Completed 2014 Pre-Plant Application Field sampling on May 2, 2014. Prepare 2014 Pre-Plant Application Field Management Data Usability report(s).	Submit 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.)	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	TASK COMPLETE	
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	TASK COMPLETE	
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).	Received EPA comments to Lagoon Evaluation Method Determination QAPP on June 6, 2014.	Review and address EPA comments by July 8, 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.	
REPORTING (III.K.)				
34	Monthly Progress Reports (III.K.1.)	Submitted April MPR on May 15, 2014. Prepared May MPR.	Prepare and submit June and July MPR.	
35	Annual Reports (III.K.2.)	Submitted 2013 Annual Report to EPA on May 1, 2014.	Revise Report based on EPA comments.	