



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, ID 83706 • (208) 373-0502  
www.deq.idaho.gov

Brad Little, Governor  
Jess Byrne, Director

December 15, 2020

Ryan Visser  
P.O. Box 105  
Twin Falls, ID 83301

RE: Permit by Rule Registration Notification PR-2020.0039

Dear Mr. Visser:

The Department of Environmental Quality (DEQ) received a Permit by Rule Registration form for a dairy farm from Cedar Ridge Dairy 5&6 on November 30, 2020. The registration contains the following information:

1. Ryan Visser  
Cedar Ridge Dairy 5&6  
6004 Hwy 93, Jerome, ID 83338  
(208) 326-5972
2. NUMBER OF COWS: 7,000 OR ANIMAL UNITS: 0
3. PERCENTAGE OF FARM THAT IS DRY LOT: 70%  
FREESTALL SCRAPE: 30%, FREESTALL FLUSH: 0
4. TOTAL BEST MANAGEMENT PRACTICES (BMPs) POINTS REGISTERED: 36.1  
(Minimum 27 points required)

Your registration for Permit by Rule is in our files. We recommend that you maintain a copy of this letter and a copy of the enclosed registration form for your records. Additional information and guidance regarding your permit is available at: <http://www.deq.idaho.gov/>.

Please be advised that you must comply with Section 764 of the Rules for the Control of Ammonia from Dairy Farms by employing the requisite point total of BMPs. These Rules are located within the Rules for the Control of Air Pollution in Idaho. You can download a copy of the rules by visiting the rules page on DEQ's web site at: <http://www.deq.idaho.gov/>.

Please be advised that the state of Idaho intends to conduct a qualifying inspection of your dairy farm within 30 days to ensure the requisite point total of BMPs are employed. If you have any questions regarding this letter or the Rules for the Control of Ammonia from Dairy Farms, please do not hesitate to contact Mike Simon, Stationary Source Bureau Chief, Department of Environmental Quality, at (208) 373-0502. Questions regarding inspections should be directed to Mitchell Vermeer, Dairy Bureau Chief, Idaho State Department of Agriculture, at (208) 332-8551.

Sincerely,

A handwritten signature in cursive script that reads "Mike Simon".

Mike Simon, Stationary Source Bureau Chief  
Air Quality Division

MS/kw

Enclosure

cc: Mitchell Vermeer, ISDA, [mitchell.vermeer@isda.idaho.gov](mailto:mitchell.vermeer@isda.idaho.gov)

RECEIVED  
NOV 30 2020  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
STATE A Q PROGRAM

IDAHO DEPARTMENT OF AGRICULTURE  
BUREAU OF DAIRYING  
PO BOX 790  
BOISE ID 83701-0790 (208) 332-8550

DAIRY AMMONIA  
REGISTRATION FORM  
IDAPA 58.01.01.763

IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY  
1410 NORTH HILTON  
BOISE ID 83706 (208) 373-0502

DEQ Form #AQ-F-P019 (5-30-06)

DAIRY NAME: Cedar Ridge Dairy 5 & 6 DATE: 11-20-20  
OWNER NAME: Ryan Dyster  
STREET ADDRESS: 16004 Hwy 93 CITY: Jerome  
MAILING ADDRESS (if different from Street Address): Po Box 105 CITY: Twin Falls 83301  
TELEPHONE: 208-326-5772  
NUMBER OF COWS: 7000 OR ANIMAL UNITS: \_\_\_\_\_  
WHAT PERCENTAGE OF YOUR FARM IS: DRYLOT 70% FREESTALL/SCRAPE 30% FREESTALL/FLUSH \_\_\_\_\_

		Ammonia Control Effectiveness <sup>1</sup>					
System/Component	BMP Employed	Open Lot	Freestall Scrape	Freestall Flush	Compliance Method <sup>2</sup>	BMP Points	
Mark below the BMPs you employ to total 27 points (For an explanation of BMPs, see the Fact Sheet at <a href="http://www.deq.idaho.gov/air/permits_forms/permitting/pbr_dairies.cfm">http://www.deq.idaho.gov/air/permits_forms/permitting/pbr_dairies.cfm</a> .)							
<b>1. Waste Storage and Treatment</b>							
a Synthetic Lagoon Cover	<input type="checkbox"/>	15	20	20	1		
b Geotextile Covers	<input checked="" type="checkbox"/>	10	13	13	1		
c Solids Separation	<input checked="" type="checkbox"/>	3	3	3	3, 4	3	
d Composting	<input checked="" type="checkbox"/>	4	4	4	1	1.6	
e Separate Slurry and Liquid Manure Basins	<input type="checkbox"/>	6	10	-	1		
f In-House Separation	<input type="checkbox"/>	0	12	0	1		
g Direct Utilization of Collected Slurry	<input type="checkbox"/>	6	10	-	1, 3, 4		
h Direct Utilization of Parlor Wastewater	<input type="checkbox"/>	10	10	10	1		
i Direct Utilization of Flush Water	<input type="checkbox"/>	8	0	13	3, 4		
j Aerated Lagoon	<input type="checkbox"/>	10	12	15	2		
k Sequencing-Batch Reactor	<input type="checkbox"/>	15	20	20	2		
l Zeolite Addition to Liquid Manure	<input type="checkbox"/>	4	5	6	2		
m Lagoon Nitrification/Denitrification Systems	<input type="checkbox"/>	15	20	20	2		
n Fixed-Media Aeration Systems	<input type="checkbox"/>	15	20	20	2		
<b>2. General Practices</b>							
a Vegetative or Wooded Buffers (established)	<input type="checkbox"/>	7	7	7	1		
b Vegetative or Wooded Buffers (establishing)	<input type="checkbox"/>	2	2	2	1		
<b>3. Freestall Barns</b>							
a Scrape Built Up Manure	<input checked="" type="checkbox"/>	-	3	3	1	0.9	
b Frequent Manure Removal	<input checked="" type="checkbox"/>	UD	UD	UD	-		
c Tunnel Ventilation w/Biofilters	<input type="checkbox"/>	-	10	10	1		
d Tunnel Ventilation w/Washing wall	<input type="checkbox"/>	-	10	10	3, 4		
<b>4. Open Lots and Corrals</b>							
a Rapid Manure Removal	<input checked="" type="checkbox"/>	4	2	2	1, 2	3.4	
b Corral Harrowing	<input checked="" type="checkbox"/>	4	2	2	1	3.4	
c Surface Amendments	<input type="checkbox"/>	10	5	5	2		
d In-Corral Composting / Stockpiling	<input type="checkbox"/>	4	2	2	1		
e Summertime Deep Bedding	<input checked="" type="checkbox"/>	10	5	5	1	8.5	
<b>5. Animal Nutrition</b>							
a Manage Dietary Protein	<input type="checkbox"/>	2	2	2	2		
<b>6. Composting Practices</b>							
a Alum Incorporation	<input type="checkbox"/>	12	8	6	2		
b Zeolite Incorporation	<input type="checkbox"/>	12	8	6	2		
c Carbon:Nitrogen Ratio (C:N) Ratio Manipulation	<input type="checkbox"/>	10	7.5	5	2		
d Composting Static Pile	<input type="checkbox"/>	6	4.5	3	1		
e Forced Aeration Composting	<input type="checkbox"/>	10	7.5	5	1		
f Forced Aeration Composting w/ Biofilter	<input type="checkbox"/>	12	8	6	1		
<b>7. Land Application</b>							
a Soil Injection - Slurry	<input type="checkbox"/>	10	15	7.5	2		
b Incorporation of manure within 24 hrs	<input type="checkbox"/>	10	10	10	2		
c Incorporation of manure within 48 hrs	<input type="checkbox"/>	5	5	5	2		
d Nitrification of lagoon effluent	<input type="checkbox"/>	10	10	15	3, 4		
e Low Energy/Pressure Application Systems	<input checked="" type="checkbox"/>	7	7	10	1		
f Freshwater Dilution	<input checked="" type="checkbox"/>	5	8	8	1, 2	5.9	
g Pivot Drag Hoses	<input type="checkbox"/>	8	8	10	1		
h Subsurface Drip Irrigation	<input type="checkbox"/>	10	10	12	1		
<b>Producer must have at least 27 points for compliance</b>						<b>BMP TOTAL 33.7</b>	

Notes:

- The ammonia emission reduction effectiveness of each practice is rated numerically based on practical year-round implementation. Variations due to seasonal practices and expected weather conditions have been factored into these ratings. Not implementing a BMP when it is not practicable to do so, does not reduce the point value assigned to the BMP, nor does it constitute failure to perform the BMP. UD indicates that the practice is still under development.
- Land application practices assume practice is conducted on all manure; points will be pro-rated to reflect actual waste treatment; points can be obtained on exported material with sufficient documentation.
- Method used by inspector to determine compliance:
  - = Observation by Inspector
  - = On-Site Recordkeeping Required
  - , 4 = Deviation Reporting Required. Equipment upsets and/or breakdowns shall be recorded in a deviation log and if repaired in a reasonable timeframe does not constitute non-compliance with this rule.

I certify that the statements and information contained herein are true, accurate and complete to the best of my knowledge and belief.

Producer Signature: 