



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

August 13, 2008

**Certified Mail No. 7190 0596 0014 0000 3519**

Luis Bettencourt  
2930 S. 2300 E.  
Wendell, ID 83355

RE: Rock Creek #3, Filer; Permit by Rule Registration Notification PR-2008.0126

Dear Mr. Bettencourt:

The Department of Environmental Quality (DEQ) received a Permit by Rule Registration form for a dairy farm from Rock Creek #3 on July 22, 2008. The registration contains the following information:

1. Luis Bettencourt  
Rock Creek #3  
2175 E. 3500 N.  
Filer, ID 83328  
(208) 536-6148
2. NUMBER OF COWS: 5000 OR ANIMAL UNITS: 9600,
3. PERCENTAGE OF FARM THAT IS DRY LOT: 20,  
FREESTALL SCRAPE: 60, FREESTALL FLUSH: 20
4. TOTAL BEST MANAGEMENT PRACTICES (BMPs) POINTS REGISTERED: 48.3  
(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/air/permits\\_forms/permitting/pbr\\_dairies.cfm](http://www.deq.idaho.gov/air/permits_forms/permitting/pbr_dairies.cfm)

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/rules/admin\\_rules.cfm](http://www.deq.idaho.gov/rules/admin_rules.cfm).

Rock Creek #3, Filer  
August 13, 2008  
Page 2

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 me, at (208) 373-0502. Questions regarding inspections should be directed to Marv Patten, Bureau Chief, Idaho State Department of Agriculture, at (208) 332-8550.

Sincerely,

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

Mike Simon, Stationary Source Manager  
Air Quality Division

MS/BR/hp

Enclosure

cc: Marv Patten, ISDA

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

RECEIVED

JUL 22 2008

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

Department of Environmental Quality  
 State Air Program  
 DEQ Form #AQ-F-P019 (3-30-08)

DAIRY NAME: Rock Creek 3 DATE: \_\_\_\_\_  
 OWNER NAME: \_\_\_\_\_  
 STREET ADDRESS: 2175 E 3500 N CITY: \_\_\_\_\_  
 MAILING ADDRESS (if different from Street Address): \_\_\_\_\_ CITY: \_\_\_\_\_  
 TELEPHONE: 5000 717765  
 NUMBER OF COWS: 9600 OR ANIMAL UNITS: 20 FREESTALL/SCRAPE  FREESTALL/FLUSH 20  
 WHAT PERCENTAGE OF YOUR FARM IS: DRYLOT \_\_\_\_\_

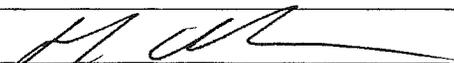
*Point to  
 not  
 digestor  
 in*

		Ammonia Control Effectiveness <sup>1</sup>					
System/Component	BMP Employed	Open Lot	Freestall Storage	Freestall Flush	Compliance Method <sup>3</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> )			80%	20%			
<b>1. Waste Storage and Treatment</b>							
a Synthetic Lagoon Cover	<input type="checkbox"/>	15	20	20	1		
b Geotextile Covers	<input type="checkbox"/>	10	13	13	1		
c Solids Separation	<input type="checkbox"/>	3	3	3	3,4	3	
d Composting	<input type="checkbox"/>	4	4	4	1	4	
e Separate Slurry and Liquid Manure Basins	<input type="checkbox"/>	6	10	-	1	8	
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	8	
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	8	
k Sequencing-Batch Reactor	<input type="checkbox"/>	15	20	20	2		
l Lagoon Nitrification/Denitrification Systems	<input type="checkbox"/>	15	20	20	2		
m 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	2	
b Vegetative or Wooded Buffers (establishing)	<input type="checkbox"/>	2	2	2	1		
<b>3. Freestall Barns</b>							
a Scrape Built Up Manure	<input type="checkbox"/>	-	3	3	1	3	
b Frequent Manure Removal	<input 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 type="checkbox"/>	4	2	2	1,2	2.8	
b Corral Harrowing	<input type="checkbox"/>	4	2	2	1		
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 type="checkbox"/>	10	5	5	1		
<b>5. Animal Nutrition</b>							
a Manage Dietary Protein	<input type="checkbox"/>	2	2	2	2	2	
<b>6. Composting Practices</b>							
a Alum Incorporation	<input type="checkbox"/>	12	8	6	2		
b Carbon:Nitrogen Ratio (C:N) Ratio Manipulation	<input type="checkbox"/>	10	7.5	5	2		
c Composting Static Pile	<input type="checkbox"/>	6	4.5	3	1	2.7	
d Forced Aeration Composting	<input type="checkbox"/>	10	7.5	5	1		
e 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 type="checkbox"/>	7	7	10	1		
f Freshwater Dilution	<input type="checkbox"/>	5	8	8	1,2	8	
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</b>	<b>48.3</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
  - 3, 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 

Within thirty (30) days receipt of this registration, the state of Idaho will conduct a qualifying inspection to ensure the requisite point total of BMPs are employed.