



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

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

June 3, 2008

Certified Mail No. 7190 0596 0014 0000 2901

Karl Nelson
General Manager
High Desert Milk, Inc.
1051 Hansen Avenue
Burley, Idaho 83318

RE: Facility ID No. 031-00034, High Desert Milk, Inc., Burley
Final Permit Letter

Dear Mr. Nelson:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2008.0050 to High Desert Milk, Inc. for the installation of two alternate boilers and an alternate emergency generator at the High Desert Milk Plant located in Burley, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho).

This permit is based on your permit application received on April 4, 2008. This permit is effective immediately and replaces PTC No. P-2007.0100, issued on November 7, 2007, the terms and conditions of which no longer apply. This permit does not release High Desert Milk, Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to General Provision 5 of your permit, it is required that Construction and Operation Notification be provided. Please provide this information as listed to DEQ's Twin Falls Regional Office, 1363 Fillmore St., Twin Falls, Idaho 83301, Fax (208) 736-2194.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Steve VanZandt, AQ Compliance Officer, at (208) 736-2190 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition

High Desert Milk, Inc., Burley
June 3, 2008
Page 2 of 2

for a contested case, I encourage you to contact Morrie Lewis at (208) 373-0502 or
Morrie.Lewis@deq.idaho.gov to address any questions or concerns you may have with the
enclosed permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Simon". The signature is written in a cursive style with a large initial "M".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MSML\hp

Project No. P-2008.0050

Enclosures



Air Quality
PERMIT TO CONSTRUCT
 State of Idaho
 Department of Environmental Quality

PERMIT No.: P-2008.0050
FACILITY ID No.: 031-00034
AQCR: 63 **CLASS:** SM
SIC: 2023 **ZONE:** 12
UTM COORDINATE (km): 269,2 4,713

1. PERMITTEE

High Desert Milk, Inc.

2. PROJECT

Permit to construct modification - replacement of the emergency generator and boilers

3. MAILING ADDRESS

1051 Hansen Ave.

CITY

Burley

STATE

ID

ZIP

83318

4. FACILITY CONTACT

Karl Nelson

TITLE

General Manager

TELEPHONE

(208) 312-2836

5. RESPONSIBLE OFFICIAL

Dan Ward

TITLE

President of Board

TELEPHONE

(208) 312-2836

6. EXACT PLANT LOCATION

1033 Idaho Ave., Burley, ID 83318

COUNTY

Cassia

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Production of dry skim milk powder from raw milk

8. PERMIT AUTHORITY

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200 through 228, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes in design, equipment or operations may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 through 228 of the Rules for the Control of Air Pollution in Idaho.

MORRIE LEWIS, PERMIT WRITER
 DEPARTMENT OF ENVIRONMENTAL QUALITY

MIKE SIMON, STATIONARY SOURCE PROGRAM
 MANAGER
 DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE MODIFIED/REVISED:

June 3, 2008

DATE ISSUED:

November 7, 2007

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Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
CFR	Code of Federal Regulations
CI	compression ignition
CO	carbon monoxide
dscf	dry standard cubic feet
DEQ	Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
gr	grain (1 lb = 7,000 grains)
HP	horsepower
hr/yr	hours per consecutive 12-calendar month period
ICE	internal combustion engines
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometers
lb/hr	pounds per hour
MMBtu/hr	million British thermal units per hour
MMscf/yr	million standard cubic feet per consecutive 12-calendar month period
NMHC	nonmethane hydrocarbons
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NSPS	New Source Performance Standards
O&M	operations and maintenance
PM	particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
ppm	parts per million
PTC	permit to construct
scf	standard cubic feet
SIC	Standard Industrial Classification
SM	synthetic minor
SO ₂	sulfur dioxide
SO _x	sulfur oxides
T/day	tons per calendar day
T/yr	tons per consecutive 12-calendar month period
UTM	Universal Transverse Mercator
VOC	volatile organic compounds

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee:	High Desert Milk, Inc.	Facility ID No. 031-00034
Location:	Burley, Idaho	

1. PERMIT TO CONSTRUCT SCOPE

Purpose

- 1.1 This permit to construct (PTC) is a modification to replace the diesel-fired emergency generator and the natural gas-fired boilers.
- 1.2 This permit to construct replaces the following permit, the terms and conditions of which shall no longer apply:
- Permit to Construct No. P-2007.0100, issued November 7, 2007.

Regulated Sources

1.3 Table 1.1 lists all sources of regulated emissions in this PTC.

Table 1.1 SUMMARY OF REGULATED SOURCES

Permit Section	Source Description	Emissions Controls
2	<p><u>Skim Milk Dryer</u> Emissions Unit Name: Skim Milk Dryer (P101) Manufacturer: Dryer: C/E/Rogers Burner: Maxon Model: Crossfire Low NO_x Line Burner Max Capacity: 32.5 MMBtu/hr Operation: 8,760 hr/yr</p>	Baghouses (P101A & P101B)
3	<p><u>Natural Gas Boilers</u> Emissions Unit Name: Boiler No. 1 (P104) Max Capacity: 33.48 MMBtu/hr Fuel: Natural Gas Operation: 8,760 hr/yr</p> <p>Emissions Unit name: Boiler No. 2 (P105) Max Capacity: 33.48 MMBtu/hr Fuel: Natural Gas Operation: 8,760 hr/yr</p>	None
4	<p><u>Fluid-bed and Powder Handling</u> <u>Fluid-bed</u> Manufacturer: C/E/Rogers Max Capacity: 9,000 lb/hr</p> <p><u>Powder Handling</u> Manufacturer: C/E/Rogers</p>	<p><u>Fluid-bed Baghouse (P102)</u> Manufacturer: C/E/Rogers Model: Fluid-bed Baghouse Control Efficiency: PM/PM₁₀: 99.93%</p> <p><u>Powder Handling Baghouse (P103A & P103B)</u> Manufacturer: C/E/Rogers Model: Powder Handling Baghouse Control Efficiency: PM/PM₁₀: 98.4 %</p>
5	<p><u>Emergency Generator</u> Manufacturer: Cummins Max Capacity: 1490 HP Max Operation: 500 hr/yr Displacement: 2.55 liters/cylinder Ignition: Compression</p>	None

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee:	High Desert Milk, Inc.	Facility ID No. 031-00034
Location:	Burley, Idaho	

2. SKIM MILK DRYER

2.1 Process Description

The plant will receive up to 2.5 million pounds of raw milk by tanker truck per day. Milk will be processed in the natural gas fired dryers to prepare dry milk. Air blown through the dryer will blow thorough two cyclones then through two baghouses to recover milk powder. Product collected in the cyclones and baghouses will be diverted to the fluid bed.

2.2 Emissions Control Description

Table 2.1 SKIM MILK DRYER DESCRIPTION

Emissions Units / Processes	Emissions Control Device	Emissions Point
Skim Milk Dryer	Baghouse	P101A
		P101B

Emissions Limits

2.3 Emissions Limits

The PM₁₀ and CO emissions from the Skim Milk Dryer stacks shall not exceed any corresponding emissions rate limits listed in Table 2.2.

Table 2.2 SKIM MILK DRYER EMISSIONS LIMITS

Source Description	PM ₁₀		CO	
	lb/hr	T/yr	lb/hr	T/yr
Skim Milk Dryer	10.6	46.2	11.9	52.2

[PTC Condition, 11/07/07]

2.4 Opacity Limit

Emissions from the Skim Milk Dryer stacks, or any other stack, vent, or functionally equivalent opening associated with the Skim Milk Dryer, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[PTC Condition, 11/07/07]

Operating Requirements

2.5 Operations and Maintenance (O&M) Manual Requirements and Baghouse Pressure Drop

Within 60 days after startup, the permittee shall have developed an O&M manual for the baghouses, which describes the procedures that will be followed to comply with General Provision 2 and the manufacturer specifications for the baghouse. This manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[PTC Condition, 11/07/07]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee: High Desert Milk, Inc.	Facility ID No. 031-00034
Location: Burley, Idaho	

2.6 Baghouse Pressure Drop Monitoring Device Requirement

The permittee shall install, calibrate, operate, and maintain pressure drop monitoring devices to continuously measure the pressure drop across each baghouse listed in Permit Condition 2.2. The pressure drop across each baghouse shall be maintained within manufacturer's and O&M Manual specifications.

[PTC Condition, 11/07/07]

2.7 Throughput limit

The permittee shall not process more than 2.5 million pounds of raw milk per day (1250 T/day).

[PTC Condition, 11/07/07]

Monitoring and Recordkeeping Requirements

2.8 Baghouse Pressure Drop Monitoring and Inspections

The permittee shall monitor and record the pressure drop of the baghouse daily and conduct quarterly baghouse inspections. Records of the quarterly baghouse inspections shall be maintained in accordance with General Provision 7.

[PTC Condition, 11/07/07]

2.9 Throughput Monitoring and Record Keeping

The permittee shall monitor and record the amount of milk processed by the Skim Milk Dryer monthly and annually to demonstrate compliance with Permit Condition 2.7. The amount of raw milk processed shall be recorded in units of tons per month. Each monthly amount of milk processed shall be summed over the previous consecutive 12-month period. Records of this information shall be maintained in accordance with General Provision 7.

[PTC Condition, 11/07/07]

2.10 Skim Milk Dryer Performance Test

Within 180 days after commencing operation of the skim milk dryer, the permittee shall conduct a performance test to measure PM₁₀ emissions from the Skim Milk Dryer stacks to demonstrate compliance with the PM₁₀ emission limits in Permit Condition 2.3. The test shall be conducted in accordance with the procedures outlined in 40 CFR 60, Appendix A, Method 5 and Method 9 for PM₁₀, or a DEQ-approved alternative. The initial performance test, and any subsequent performance tests conducted to demonstrate compliance, shall be performed in accordance with IDAPA 58.01.01.157 and General Provision 6. In addition, the following actions shall be taken during each performance test run and reported in the performance test report:

- The Skim Milk Dryer shall be operated at the worst case normal production rate during the performance test. A description of how this requirement was met shall be included in the performance test report.
- Visible emissions shall be monitored and recorded using the methods specified in IDAPA 58.01.01.625.
- The pressure drop across the baghouses shall be recorded.
- The average steam production rate of the boilers shall be recorded in pounds per hour and pounds per square inch

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee: High Desert Milk, Inc.

Facility ID No. 031-00034

Location: Burley, Idaho

- The throughput shall be recoded.

After the initial performance test, future testing shall be performed according to the following schedule:

- If the Skim Milk Dryer emission rate measured in the most recent test is less than or equal to 75% of the emission standard in Permit Condition 2.3, the next test shall be conducted within five years of the test date.
- If the Skim Milk Dryer emission rate measured during the most recent performance test is greater than 75% but less than or equal to 90%, of the emission standard in Permit Condition 2.3, the next test shall be conducted within two years of the test date.
- If the Skim Milk Dryer emission rate measured during the most recent performance test is greater than 90% of the emission standard in Permit Condition 2.3, the next test shall be conducted within one year of the test date.

[PTC Condition, 11/07/07]

Reporting Requirements

2.11 Performance Testing Reporting

Performance testing reporting shall be conducted in accordance with General Provision 6 of this permit and sent to the following address:

Air Quality Permit Compliance
Twin Falls Regional Office
Department of Environmental Quality
1363 Fillmore Street
Twin Falls, ID 83301

Phone: (208) 736-2190

Fax: (208) 736-2194

[PTC Condition, 11/07/07]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee: High Desert Milk, Inc.

Facility ID No. 031-00034

Location: Burley, Idaho

3. NATURAL GAS BOILERS

3.1 Process Description

The boilers will combust natural gas to produce steam for the milk drying process.

3.2 Emissions Control Description

Table 3.1 BOILERS DESCRIPTION

Emissions Units / Processes	Emissions Control Device	Emissions Point
Boiler No. 1	None	P104
Boiler No. 2		P105

Emissions Limits

3.3 Opacity Limit

Emissions from the boiler stacks, or any other stack, vent, or functionally equivalent opening associated with the boilers, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[PTC Condition, 11/07/07]

3.4 Particulate Matter Emissions

The permittee shall not discharge to the atmosphere from any fuel-burning equipment PM in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas in accordance with IDAPA 58.01.01.676.

[PTC Condition, 11/07/07]

Operating Requirements

3.5 Fuel type

The boilers shall be fired on natural gas only.

[PTC Condition, 11/07/07]

3.6 Fuel Consumption Limits

The permittee shall not consume more than 66,950 standard cubic feet of natural gas per hour (scf/hr) and 586.48 MMscf/yr in both boilers combined.

[PTC Condition]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee: High Desert Milk, Inc.

Location: Burley, Idaho

Facility ID No. 031-00034

Monitoring and Recordkeeping Requirements

3.7 Fuel Consumption Monitoring and Record Keeping

The permittee shall monitor and record the amount of natural gas combusted by both boilers combined, monthly and annually to demonstrate compliance with Permit Condition 3.6. The amount of natural gas combusted shall be recorded in units of standard cubic feet (scf). Each monthly amount of natural gas combusted shall be summed over the previous consecutive 12-month period. Records of this information shall be maintained in accordance with General Provision 7.

[PTC Condition, 11/07/07]

3.8 40 CFR 60, Subpart Dc – Reporting and Recordkeeping Requirements

The permittee shall comply with all applicable reporting and recordkeeping requirements of 40 CFR 60, Subpart Dc – New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units.

- The owner or operator of boilers that combust only natural gas shall record and maintain records of the total amount of boiler fuel delivered to the facility during each calendar month in accordance with 40 CFR 60.48c(g)(3).
- All records shall be maintained by the owner or operator for a period of two years following the date of such record in accordance with 40 CFR 60.48c(i).
- The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the administrator and shall be postmarked by the 30th day following the end of the reporting period in accordance with 40 CFR 60.48c(j).
- The permittee shall submit notification of the date of construction or reconstruction of each boiler and actual startup for each boiler, in accordance with 40 CFR 60.48c(a) and 40 CFR 60.7. This notification shall include:
 - The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
 - The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Reports shall be submitted to DEQ at the address listed in Permit Provision 2.11.

[PTC Condition]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee: High Desert Milk, Inc.
Location: Burley, Idaho

Facility ID No. 031-00034

4. FLUID-BED AND POWDER HANDLING

4.1 Process Description

The dried solids will be cooled in the fluid bed. Exhaust air from the fluid bed will pass through a baghouse (P102) and then be discharged. The powder from the fluid bed cooler will drop through an airlock, through a rotary sifter, and onto a conveyor for transport to the storage silos. Exhaust from the silos will pass through one of the two baghouses (P103A and P103B) and then discharge to the atmosphere. Dry skim milk powder stored in the silos is packaged and shipped off-site.

4.2 Emissions Control Description

Table 4.1 FLUID-BED AND POWDER HANDLING DESCRIPTION

Emissions Units / Processes	Emissions Control Device	Emissions Point
Fluid-bed	Fluid-bed Baghouse	P102
Powder Handling	Powder Handling Baghouse	P103A & P103B

Emissions Limits

4.3 Opacity Limit

Emissions from the Fluid-bed and powder handling stacks, or any other stack, vent, or functionally equivalent opening associated with Fluid-bed and powder handling, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[PTC Condition, 11/07/07]

Operating Requirements

4.4 Operations and Maintenance (O&M) Manual Requirements and Baghouse Pressure Drop

Within 60 days after startup, the permittee shall have developed an O&M manual for the baghouses, which describes the procedures that will be followed to comply with General Provision 2 and the manufacturer specifications for the baghouse. This manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[PTC Condition, 11/07/07]

4.5 Baghouse Pressure Drop Monitoring Device Requirement

The permittee shall install, calibrate, operate, and maintain pressure drop monitoring devices to continuously measure the pressure drop across each baghouses listed in Permit Condition 4.2. The pressure drop across each baghouse shall be maintained within manufacturer's and O&M Manual specifications.

[PTC Condition, 11/07/07]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee: High Desert Milk, Inc.

Location: Burley, Idaho

Facility ID No. 031-00034

Monitoring and Recordkeeping Requirements

4.6 Baghouse Pressure Drop Monitoring and Inspections

The permittee shall monitor and record the pressure drop of the baghouse daily and conduct quarterly baghouse inspections. Records of the quarterly baghouse inspections shall be maintained on-site for a period of five years and be made available to DEQ representatives upon request. The records shall include at a minimum the date of each inspection, description of the structural integrity of the bags/filters, and a description of any maintenance or corrective action performed. Records of this information shall be maintained in accordance with General Provision 7.

[PTC Condition, 11/07/07]

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Permittee:	High Desert Milk, Inc.
Location:	Burley, Idaho

Facility ID No. 031-00034

5. EMERGENCY GENERATOR

5.1 Process Description

The emergency generator will supply backup power in the event of an electrical interruption in the main power supply.

5.2 Emissions Control Description

Emissions from the emergency generator are uncontrolled.

Emissions Limits

5.3 Opacity Limit

Emissions from the emergency generator stack, or any other stack, vent, or functionally equivalent opening associated with the emergency generator, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[PTC Condition, 11/07/07]

5.4 40 CFR 60, Subpart III – Emissions Standards for Stationary CI Internal Combustion Engine Emergency Engines

The permittee shall comply with the applicable emission standards of 40 CFR 60, Subpart III – New Source Performance Standards for Compression Ignition Internal Combustion Engines.

- The permittee shall operate and maintain the emergency generator according to the manufacturer's written instructions or procedures that are approved by the engine manufacturer, over the entire life of the engine, in accordance with 40 CFR 60.4206.
- The permittee shall comply with the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants, in accordance with 40 CFR 60.4205(b) and 40 CFR 60.4202(a)(2).
 - Exhaust emissions from the emergency generator shall not exceed the exhaust emission standards contained in Table 5.1, in accordance with 40 CFR 89.112.

Table 5.1 EMERGENCY GENERATOR EXHAUST EMISSIONS LIMITS¹

NMHC+NO _x (grams/HP-hr)	CO (grams/HP-hr)	PM (grams/HP-hr)
4.77	2.61	0.15

1) Table 1 of 40 CFR 89.112, Tier 2 engines greater than 560 kW.

- Exhaust opacity from the emergency generator shall not exceed 20 percent during the acceleration mode, 15 percent during the lugging mode, and 50 percent during the peaks in either the acceleration or lugging modes, in accordance with 40 CFR 89.113. Opacity levels are to be measured and calculated as set forth in 40 CFR part 86, subpart I.

[PTC Condition]

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Permittee:	High Desert Milk, Inc.
Location:	Burley, Idaho

Facility ID No. 031-00034

Operating Requirements

5.5 Allowable Fuels

The emergency generator shall combust only diesel fuel meeting the requirements of Permit Condition 5.8, and no ASTM Grade 2 fuel oil containing sulfur in excess of 0.5% by weight shall be burned in the emergency generators in accordance with IDAPA 58.01.01.728.

[PTC Condition]

5.6 Hours of Operation

The operation of the emergency generator shall not exceed a maximum of 100 hours per year for maintenance checks in accordance with 40 CFR 60.4211(e) and shall not exceed a total of 500 hours per year including periods of electrical power outages.

[PTC Condition, 11/07/07]

5.7 40 CFR 60, Subpart III – Other Requirements for Owners and Operators

The permittee shall comply with all applicable requirements under Other Requirements for Owners and Operators of 40 CFR 60, Subpart III. The permittee shall refer to the following sections of the rule:

- The permittee shall comply with the deadlines for importing or installing stationary CI ICE produced in a previous model year: 40 CFR 60.4208(a) through (f).
- The owner or operator is prohibited to import CI ICE with a displacement of less than 30 liters per cylinder that do not meet the applicable requirements specified in 40 CFR 60.4208 after the dates specified in 40 CFR 60.4208: 40 CFR 60.4208(g).
- The requirements of this section do not apply to owners or operators of stationary CI ICE that have been modified or reconstructed and do not apply to engines that were removed from one existing location and reinstalled at a new location: 40 CFR 60.4208(h).

[PTC Condition, 11/07/07]

5.8 40 CFR 60, Subpart III - Fuel Requirements for Owners and Operators

The permittee shall comply with all applicable fuel requirements for owners and operators of 40 CFR 60, Subpart III. The permittee shall refer to the following sections of the rule:

- Beginning October 1, 2007, the permittee shall use diesel fuel with a maximum sulfur content not to exceed 500 ppm and Cetane index of a minimum of 40 or a maximum aromatic content of 35 volume percent: 40 CFR 80.510(a), 40 CFR 60.4207(a).
- Beginning October 1, 2010, the permittee shall use diesel fuel with a maximum sulfur content of 15 ppm maximum and a minimum of Cetane index of 40 or a maximum aromatic content of 35 volume percent: 40 CFR 80.510(b), 40 CFR 60.4207(b).

[PTC Condition, 11/07/07]

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Permittee:	High Desert Milk, Inc.
Location:	Burley, Idaho

Facility ID No. 031-00034

Monitoring and Recordkeeping Requirements

5.9 Fuel Sulfur Content Certification

The permittee shall obtain and maintain sulfur content verification in the form of the distributor's fuel certification. Records of this information shall be maintained in accordance with General Provision 7.

[PTC Condition, 11/07/07]

5.10 40 CFR 60, Subpart III – Compliance, Testing and Other Requirements for Owners and Operators

The permittee shall comply with all applicable compliance, testing and other requirements for owners and operators of 40 CFR 60, Subpart III. The permittee shall refer to the following sections of the rule:

- The owner or operator shall install a non-resettable hour meter prior to startup of the engine: 40 CFR 60.4209(a).
- The owner or operator shall operate and maintain the generator in accordance with the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, the owner and operator may only change those settings that are permitted by the manufacturer: 40 CFR 60.4211(a).
- The owner or operator shall demonstrate compliance with emission standards by purchasing an engine certified to the emission standards of 40 CFR 60.4205(b) for the same model year and maximum engine power; the engine must be installed and configured according to the manufacturer's specifications: 40 CFR 60.4205(b), 40 CFR 60.4211(c).
- Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations: 40 CFR 60.4211(e).

[PTC Condition, 11/07/07]

5.11 Operating Hours Recordkeeping

The permittee shall record and maintain the operating hours of the emergency generator on a monthly and annual basis to demonstrate compliance with Permit Conditions 5.6 and 5.10. Records of this information shall be maintained in accordance with General Provision 7.

[PTC Condition]

Reporting Requirements

5.12 40 CFR 60, Subpart III – Notification, Reports, and Records for Owners and Operators

The permittee shall comply with all applicable notification, reporting, and recordkeeping requirements of 40 CFR 60, Subpart III. The permittee shall refer to the following sections of 40 CFR 60, Subpart III:

- The owner or operator must keep records of the operation of the engines in emergency and non-emergency services that are recorded through the non-resettable hour meter. The owner or operator must record the time of operation of the engine and the reason the engine was in operation during that time: 40 CFR 60.4214(b).

[PTC Condition, 11/07/07]

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Permittee:	High Desert Milk, Inc.	Facility ID No. 031-00034
Location:	Burley, Idaho	

Testing Requirements

5.13 40 CFR 60, Subpart IIII – Testing Requirements for Owners and Operators

The permittee shall comply with the applicable testing requirements of 40 CFR 60, Subpart IIII – New Source Performance Standards for Compression Ignition Internal Combustion Engines.

- Any required performance tests shall be conducted according to the paragraphs of 40 CFR 60.4214 (a) through (d).

[PTC Condition]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0050

Permittee:	High Desert Milk, Inc.
Location:	Burley, Idaho

Facility ID No. 031-00034

6. PERMIT TO CONSTRUCT GENERAL PROVISIONS

General Compliance

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.

[Idaho Code §39-101, et seq.]
2. The permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211, 5/1/94]
3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
 - a. Enter upon the permittee's premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
 - a. A notification of the date of initiation of construction, within five working days after occurrence;
 - b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;

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- c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date;
- d. A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211, 5/1/94]

Performance Testing

6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00]

Monitoring and Recordkeeping

7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

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Excess Emissions

8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

[IDAPA 58.01.01.130-136, 4/5/00]

Certification

9. All documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

[IDAPA 58.01.01.123, 5/1/94]

False Statements

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

13. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]