



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

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

July 23, 2010

Dr. Michael Tomlin
Superintendent
Garden Valley School District
P.O. Box 710
Garden Valley, Idaho 83622

RE: Facility ID No. 015-00002, Garden Valley School, Garden Valley
Final Permit Letter

Dear Dr. Tomlin:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2010.0070 to Garden Valley School for the wood fired boiler, 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 May 14, 2010, is effective immediately, and does not release Garden Valley School from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to the Construction and Operation Notification General Provision of your permit, it is required that construction and operation notification be provided. Please provide this information as listed to DEQ's Boise Regional Office, 1445 N. Orchard, Boise, Idaho, 83706, Fax (208) 373-0287.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom Krinke, Air Quality Compliance Officer, at (208) 373-0287 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that 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 for a contested case, I encourage you to contact Dan Pitman at (208) 373-0502 or daniel.pitman@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Garden Valley School, Garden Valley
Page 2 of 2

Sincerely,

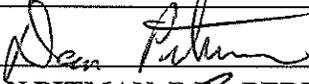
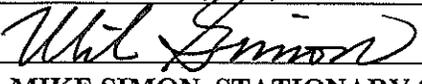
A handwritten signature in black ink, appearing to read "Mike Simon". The signature is written in a cursive, flowing style with a large, prominent "M" and "S".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MSdp

Project No. P-2010.0070

Enclosures

<p style="text-align: center;">Air Quality PERMIT TO CONSTRUCT State of Idaho Department of Environmental Quality</p>	PERMIT NUMBER	CLASS	SIC
	P-2010.0070	B	8211
	FACILITY ID	AQCR	NAICS
	015-00002	63	611110
	ZONE	UTM COORDINATES (km)	
11	583,459	4,882,568	
PERMITTEE			
Garden Valley School District			
PROJECT			
Wood Fired Boiler – Initial Permit To Construct			
MAILING ADDRESS	CITY	STATE	ZIP
1053 Banks/Lowman Hwy.	Garden Valley	ID	83622
FACILITY CONTACT	TITLE	TELEPHONE	
Dr. Michael Tomlin	Superintendent	208-462-3756	
RESPONSIBLE	TITLE	TELEPHONE	
Dr. Michael Tomlin	Superintendent	208-462-3756	
EXACT PLANT LOCATION		COUNTY	
1053 Banks/Lowman Hwy.		Boise	
GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS			
School			
PERMIT AUTHORITY			
<p>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.</p> <p>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.</p> <p>This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.</p> <p>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.</p>			
 DAN PITMAN, P.E., PERMIT WRITER		DATE ISSUED	July 23, 2010
 MIKE SIMON, STATIONARY SOURCE MANAGER			

PERMIT TO CONSTRUCT SCOPE3
WOOD FIRED BOILER.....4
PERMIT TO CONSTRUCT GENERAL PROVISIONS5

PERMIT TO CONSTRUCT SCOPE

Purpose

This is the initial permit to construct a wood fired boiler.

Table 1 REGULATED SOURCE

Source Description	Emission Control
Wood Fired Boiler Manufacturer: Alternative Energy Solutions Dual Combustion Chamber Heat input capacity: 2.74 MMBtu/hr	Multiclone

WOOD FIRED BOILER

Process Description

1. Steam for the Garden Valley School is produced in a 2.74 MMBtu/hr Alternative Energy Solutions dual combustion chamber wood fired boiler.
2. Emission Controls Description

Table 2 WOOD FIRED BOILER EMISSION CONTROL DESCRIPTION

Emissions Unit	Emission Control Device	Emission Point
Wood Fired Boiler	Multiclone	Boiler Stack

Emission Limits

3. Formaldehyde emissions from the boiler stack shall not exceed 78.5 pounds per any consecutive 12-calendar month period. In absence of any other creditable evidence, compliance with the emission limit is assured by complying with this permit's operating, monitoring and record keeping requirements.
4. Emissions from any stack, vent, or functionally equivalent opening 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.
5. Particulate matter emissions shall not exceed 0.200 grains per dry standard cubic foot in accordance with IDAPA 58.01.01.677. In absence of any other creditable evidence, compliance with the emission limit is assured by complying with this permit's operating, monitoring and record keeping requirements.

Operating Requirements

6. No more than 521 tons of untreated wood shall be combusted during any consecutive 12-month period.
7. Wood fired in the boiler shall not be treated with any chemicals or coated with any man made product.
8. Particulate matter emissions from the wood fired boiler shall be controlled by a multiclone.

Monitoring and Recordkeeping Requirements

9. Each month the permittee shall monitor and record the tons of wood combusted.
10. Each month the permittee shall monitor and record the tons of wood combusted during the previous consecutive 12-months.

PERMIT TO CONSTRUCT GENERAL PROVISIONS

General Compliance

11. 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.]**
12. 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]**
13. 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

14. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
- 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;
 - Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - 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

15. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
 - A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
 - 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; and

- A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date.

[IDAPA 58.01.01.211, 5/1/94]

Performance Testing

16. 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, at its option, may 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.
17. 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.
18. 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

19. 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]

Excess Emissions

20. 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

21. 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

22. 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

23. 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

24. 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

25. 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 58.01.01.211, 5/1/94]