

STATE OF IDAHO PERMIT TO CONSTRUCT AN AIR POLLUTION EMITTING SOURCE 01300008		PERMIT NUMBER 0180-0008 AQCR CLASS SIC 063 8 0752 ZONE UTM COORDINATE (km) 11 714.5, 4820.1	
1. PERMITTEE Animal Shelter of Wood River Valley			
2. PROJECT Animal Crematory			
3. ADDRESS P.O. Box 1496		COUNTY Blaine	NO. OF FULL TIME EMPLOYEES 2
4. CITY Hailey	STATE Idaho	ZIP CODE 83333	PROPERTY AREA AT SITE (Acreage) 5
5. PERSON TO CONTACT Alison Beechert		TITLE Manager	TELEPHONE NUMBER 788-4351
6. EXACT PLANT LOCATION 100 Croy Creek Road Hailey, Idaho 83333			
7. GENERAL NATURE OF BUSINESS AND KINDS OF PRODUCTS Animal shelter			
8. GENERAL CONDITIONS <p>This permit is issued according to the Rules and Regulations for the Control of Air Pollution in Idaho, Section 01.1012, and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be constructed 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 local laws, regulations, or ordinances, (d) in no manner implies or suggests that the Department of Health and Welfare, or its officers, agents, or employees, assumes 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 is not transferable to another person, place, piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for two years.</p> <p>THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED WITH ITS APPLICATION. CHANGES OF DESIGN OR EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE DEPARTMENT.</p>			
ADMINISTRATOR DIVISION OF ENVIRONMENT		5/3/88 DATE	

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PERMITTEE, PROJECT, AND LOCATION

0180-0008-

Animal Shelter of Wood River Valley
Animal Crematory
Hailey, Idaho

SOURCE

Animal Crematory

1. SOURCE DESCRIPTION

1.1 Process Description. The incinerator will be used to cremate animal remains. The incinerator is a multiple chamber type designed with two combustion chambers (i.e., primary and secondary chambers). Both the primary and secondary combustion chambers are equipped with liquified petroleum gas (LPG) burners. Animal remains are inputted into the primary combustion chamber (ignition chamber) and burned. Combustion gases from the primary chamber flow to the secondary combustion chamber. At the inlet of the secondary chamber, air is injected into the combustion gases and the gaseous mixture is burned with the aid of the LPG burner. The secondary combustion chamber serves to increase the overall combustion efficiency.

1.2 Equipment Listing. This permit pertains to:

1.2.1 Crawford Model C500P Incinerator with a 75 lb per hour input capacity.

2. EMISSION LIMITS

2.1 Particulate emissions from the incinerator stack shall not exceed 0.2 lbs per 100 lbs of animal remains incinerated as specified in Sections 01.1501 and 01.1502 of the Rules and Regulations for the Control of Air Pollution in Idaho. Hourly particulate emissions from the incinerator stack shall not exceed 0.15 lbs per hour. Annual particulate emissions shall not exceed 0.26 tons per year, as determined by multiplying the allowable emission rate by the actual hours of operation per year.

K. A. D. Brooks
ADMINISTRATOR
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- 2.2 Visible emissions from the incinerator stack shall not exceed twenty (20) percent opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required in Section 01.1201 of the Rules and Regulations for the Control of Air Pollution in Idaho, and as determined using the Department's "Evaluation of Visible Emissions" manual.

3. OPERATING REQUIREMENTS

- 3.1 This incinerator shall be used to incinerate animal remains only.
- 3.2 The temperature of the gases within the secondary combustion chamber shall be maintained at 1800°F or greater.
- 3.3 The residence time of gases in the secondary combustion chamber shall be at least one (1) second.
- 3.4 The smoke detector in the stack shall be maintained in good operating condition throughout the life of the incinerator.

4. MONITORING REQUIREMENTS

- 4.1 Particulate emissions shall be measured only if visible emissions exceed ten (10%) percent opacity for more than three (3) minutes in any sixty (60) minute period.

L. A. Brooks
ADMINISTRATOR
DIVISION OF ENVIRONMENT

5/3/88
DATE

PERMIT TO CONSTRUCT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the **Rules and Regulations for the Control of Air Pollution in Idaho**. The emission 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 and Regulations for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101, et.seq.
- B. The permittee shall at all times (except as provided in the **Rules and Regulations 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.
- C. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing in conformance with the Department's **Procedures Manual for Air Pollution Control** when deemed appropriate by the Director.
- D. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- E. The permittee shall notify the Idaho Air Quality Bureau, in writing, of the required information for the following events within five working days after occurrence:
- 1) Initiation of Construction - Date
 - 2) Completion/Cessation of Construction - Date
 - 3) Actual Production Startup - Date
 - 4) Initial Date of Achieving Maximum Production Rate - Production Rate and Date
- F. If emission testing is specified, the permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one-hundred and eighty (180) days after initial startup. Such testing must **strictly** adhere to the procedures outlined in the Department's **Procedures Manual for Air Pollution Control**, and will not be conducted on weekends or state holidays. Testing procedures and specific time limitations may be modified by the Idaho Air Quality Bureau by prior negotiation if conditions warrant adjustment. The Idaho Air Quality Bureau shall be notified at least fifteen (15) working days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.
- The performance tests will be performed at the **maximum** production rate. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.
- G. 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.