

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION



MARC RACICOT, GOVERNOR

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August 15, 1995

Cascade County Road Department  
415 3rd Street  
Great Falls, MT 59404

Dear Gary Cook:

Air Quality Permit #2882-00, is hereby issued August 15, 1995 by the Department of Environmental Quality. This permit is for a 1958 Cedar Rapids 443 Commander crusher and associated equipment. All conditions of the department's decision remain the same. Enclosed is a copy of your permit with the final date indicated.

For the department,

A handwritten signature in cursive script, reading "Jan P. Sensibaugh".

Jan P. Sensibaugh  
Air Quality Program Manager

JPS:kjh

Enclosure

| NAME    | INIT. | DATE    |
|---------|-------|---------|
| KRA-D   | CC    | 8/15/95 |
| EPA-m   | CC    | 8/15/95 |
| LOO-JUL | CC    | 8/15/95 |
| JPS     |       | 8/23    |
| DAVE    |       | 8/16    |
| JEF     | WST   | 8/23    |
| JBL     |       | 8/24    |

P-A/C

Montana Department of Health and Environmental Sciences  
Air Quality Division

Air Quality Permit #2882-00

Cascade County Road Department  
415 3rd Street N W  
Great Falls, MT 59404

August 15, 1995



AIR QUALITY PERMIT

Issued To: Cascade County Road Department  
415 3rd Street N W  
Great Falls, MT 59404

Permit #2882-00  
Modification Request  
Received: 5/2/95  
Department Determination  
of Modification: 7/31/95  
Permit Final: 8/15/95

An air quality permit is hereby granted to the above-named permittee, hereinafter referred to as "Cascade," pursuant to Section 75-2-204 and 211, MCA, as amended, and Administrative Rules of Montana (ARM), Subchapter 11, PERMIT, CONSTRUCTION AND OPERATION OF AIR CONTAMINANT SOURCES, ARM 16.8.1101 et seq, as amended, for the following:

Section I: Permitted Facilities

- A. Permitted Equipment: A 1958 Cedar Rapids 443 Commander crusher, serial #23339, and associated equipment.
- B. Original Location: This facility will operate in SW ¼, Section 23, Township 19 N, Range 3 E, Cascade County, Montana.

Section II: Limitations and Conditions

A. Reporting Requirements

- 1. If this crusher is moved to another location, a Notice of Intent to Transfer Location of Air Quality Permit must be published in a newspaper of general circulation in the area to which the transfer is to be made. This notice must be published at least fifteen (15) days prior to the move. Proof of publication and a change of location form must be submitted to the Montana Department of Environmental Quality prior to the move. These forms are available from the department (ARM 16.8.1114).
- 2. Cascade shall maintain on-site records showing daily production rates for the current calendar year. These records must be available for inspection by the department and must be submitted to the department upon request (ARM 16.8.1109).
- 3. Cascade shall retain daily production numbers for a minimum of five (5) years (ARM 16.8.1109).
- 4. Cascade shall supply the department with annual production information for all emission points, as required by the department, in the annual emission inventory request. The request will include, but is not limited to, all sources identified in the most recent emission inventory report and sources identified in Section I.A of this permit.

Production information shall be gathered on a calendar year basis and submitted to the department by the date required in the emission inventory request. Information shall be in units as required by the department.

- B. The department may modify the conditions of this permit based on local conditions of any future site. These factors may include but are not limited to local terrain, meteorological conditions, proximity to residences, locating in or near nonattainment areas, etc. (ARM 16.8.1113).
- C. Cascade shall comply with all other applicable state, federal, and local laws and regulations (ARM 16.8.1117).
- D. The department may require testing (ARM 16.8.704).

### Section III: General Conditions

- A. **Inspection** - The recipient shall allow the department's representatives access to the source at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, auditing any monitoring equipment (CEMS, CERMS) or observing any monitoring or testing, and otherwise conducting all necessary functions related to this permit.
- B. **Waiver** - The permit and all the terms, conditions, and matters stated herein shall be deemed accepted if the recipient fails to appeal as indicated below.
- C. **Compliance with Statutes and Regulations** - Specific listing of requirements, limitations, and conditions contained herein does not relieve the applicant from compliance with all applicable statutes and administrative regulations, including amendments thereto, nor waive the right of the department to require compliance with all applicable statutes and administrative regulations, including amendments thereto.
- D. **Enforcement** - Violations of limitations, conditions and requirements contained herein may constitute grounds for permit revocation, penalties or other enforcement as specified in Section 75-2-401 et seq., MCA.
- E. **Appeals** - Any person or persons who are jointly or severally adversely affected by the department's decision may request, within fifteen (15) days after the department renders its decision, upon affidavit setting forth the grounds therefor, a hearing before the Board. A hearing shall be held under the provisions of the Montana Administrative Procedures Act. The department's decision on the application is not final unless fifteen (15) days have elapsed and there is no request for a hearing under this section. The filing of a request for a hearing postpones the effective date of the department's decision until the conclusion of the hearing and issuance of a final decision by the Board.
- F. **Permit Inspection** - As required by ARM 16.8.1115, Inspection of Permit, a copy of the air quality permit shall be made available for inspection by department personnel at the location of the permitted source.

- G. Construction Commencement - Construction must begin within three years of permit issuance and proceed with due diligence until the project is complete or the permit shall be revoked.
- H. Permit Fees - Pursuant to Section 75-2-211, MCA, as amended by the 1991 Legislature, the continuing validity of this permit is conditional upon the payment by the permittee of an annual operation fee, as required by that Section and rules adopted thereunder by the Board of Health and Environmental Sciences.
- I. The department may modify the conditions of this permit based on local conditions of any future site. These factors may include but are not limited to local terrain, meteorological conditions, proximity to residences, etc.

Permit Analysis  
Cascade County Road Department  
Permit #2882-00

I. Introduction

A. Current Permit Modification

On July 27, 1994, by order of the Board of Environmental Review, the Cascade County Air Pollution Control Program reverted its air quality permitting program to the Montana Department of Environmental Quality, Air Quality Division (AQD). Therefore, the AQD must re-issue all Cascade County Air Quality permits as Montana Department of Environmental Quality Air Quality permits. Permit #2882-00 replaces any Cascade County permits held by the Cascade County Road Department.

B. Additional Information

Additional information, such as applicable rules and regulations, BACT/RACT determinations, air quality impacts, and environmental assessments, are included in the analysis associated with each change to the permit.

II. Applicable Rules and Regulations

The following are partial explanations of some applicable rules and regulations that apply to the facility. The complete rules are stated in the Administrative Rules of Montana and are available upon request from the department. Upon request, the department will provide references for locations of complete copies of all applicable rules and regulations or copies where appropriate.

A. ARM 16.8.801, et seq. (Subchapter 8), Ambient Air Quality, including but not limited to:

1. The following ambient air quality standards or requirements may apply, including but not limited to:

ARM 16.8.811 Ambient Air Quality Standards for Carbon Monoxide;  
ARM 16.8.816 Ambient Air Quality Standards for Nitrogen Dioxide;  
ARM 16.8.818 Ambient Air Quality Standards for Settled Particulate Matter;

ARM 16.8.820 Ambient Air Quality Standards for Sulfur Dioxide; and  
ARM 16.8.821 Ambient Standards for PM-10.

Cascade must comply with the applicable ambient air quality standards. See Section V, Existing Air Quality and Impacts.

B. ARM 16.8.901, et seq. (Subchapter 9), Prevention of Significant Deterioration of Air Quality, including but not limited to:

1. ARM 16.8.945, Definitions. This rule is a list of applicable definitions used in this subchapter.
2. ARM 16.8.953, Review of Major Stationary Sources and Major Modification--Source Applicability and Exemptions. The requirements contained in ARM 16.8.954-16.8.962 shall apply to any major stationary source and any major modification with respect to each pollutant subject to regulation under the Federal Clean Air Act that it would emit, except as this subchapter would otherwise allow.

This facility is not a major stationary source, because it is not a listed source and does not have the potential to emit more than 250 tons per year or more of any air pollutant.

C. ARM 16.8.1101, et seq. (Subchapter 11), Permit, Construction and Operation of Air Contaminant Sources, including but not limited to:

1. ARM 16.8.1102, When Permit Required-Exclusions. This rule requires a facility to obtain an air quality permit or permit alteration if they construct, alter, or use an air contaminant source which has the potential to emit more than 5 tons per year of any pollutant. Cascade has the potential-to-emit more than 5 tons per year of particulate matter, PM-10, CO, SOx, and NOx; therefore, a permit is required.
2. ARM 16.8.1103 Emission Control Requirements Cascade is required to install on the new or altered source the maximum air pollution control capability which is technically practicable and economically feasible. A Best Available Control Technology review was not conducted for permit #2882-00 because it is not a new or altered source.
3. ARM 16.8.1109, Conditions for Issuance of Permit. This rule requires that the source demonstrate compliance with applicable rules and standards before a permit can be issued. Also, a permit may be issued with such conditions as are necessary to assure compliance with all applicable rules and standards. The source has demonstrated compliance with applicable rules and standards as required for permit issuance.
4. ARM 16.8.1111, Duration of Permit. An air quality permit shall be valid until revoked or modified as provided in this subchapter, except that a permit issued prior to construction of a new or altered source may contain a condition providing that the permit will expire unless construction is commenced within the time specified in the permit, which in no event may be less than one year after the permit is issued.
5. ARM 16.8.1114, Transfer of Permit. An air quality permit may be transferred from one person to another if written notice of intent to transfer, including names of the transferor and the transferee, is sent to the department.
6. ARM 16.8.1115, Inspection of Permit. This rule requires that air quality permits shall be made available for inspection by the department at the location of the source.
7. ARM 16.8.1117, Compliance with Other Statutes and Rules. This rule requires the permit holder to comply with all other applicable federal and Montana statutes, rules and standards.

8. ARM 16.8.1118, Waivers. ARM 16.8.1105 requires the permit application be submitted 180 days before construction begins. This rule allows the department to waive this time limit. The department hereby waives this limit.
  9. ARM 16.8.1119, General Procedures for Air Quality Preconstruction Permitting. An air quality preconstruction permit shall contain requirements and conditions applicable to both construction and subsequent use.
- D. ARM 16.8.1401, et seq., (Subchapter 14), Emission Standards, including but not limited to:
1. ARM 16.8.1423, Standard of Performance for New Stationary Sources. The owner and operator of any stationary source or modification, as defined and applied in 40 CFR Part 60, shall comply with the standards and provisions of 40 CFR Part 60. This plant consists of a portable 1958 Cedar Rapids 443 Commander crusher, and associated equipment, so NSPS (40 CFR Part 60, Subpart A General Provisions, and Subpart OOO Nonmetallic Mineral Processing Facilities) does not apply.
- E. ARM 16.8.1901, et seq. (Subchapter 19), Air Quality Permit Application, Operation and Open Burning Fees, including but not limited to:
1. ARM 16.8.1903, Air Quality Operation Fees. An annual air quality operation fee must, as a condition of continued operation, be submitted to the department by each source of air contaminants holding an air quality permit, excluding an open burning permit, issued by the department; and the air quality operation fee is based on the actual or estimated actual amount of air pollutants emitted during the previous calendar year.

The annual assessment and collection of the air quality operation fee, as described above, shall take place on a calendar year basis. The department may insert into any final permit issued after the effective date of these rules such conditions as may be necessary to require the payment of an air quality operation fee on a calendar year basis, including provisions which prorate the required fee amount.

### III. Environmental Assessment

This permit reflects the change in permitting agency for the facility and will not result in an increase in emissions from the facility. Therefore, an environmental assessment was not required.