



**Air Pollution
TIER II OPERATING PERMIT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 001-00184

AQCR: 64

CLASS: SM

SIC: 1442

ZONE: 11

UTM COORDINATE (km): 554.95, 4835.356

1. PERMITTEE

Mike's Sand and Gravel

2. PROJECT

Tier II Operating Permit - Northern Ada County PM₁₀ Maintenance Plan

3. MAILING ADDRESS

20667 Franklin Road

CITY

Nampa

STATE

Idaho

ZIP

83687

4. FACILITY CONTACT

Mike Mulchay

TITLE

President

TELEPHONE

(208) 939-2000

5. RESPONSIBLE OFFICIAL

Mike Mulchay

TITLE

President

TELEPHONE

(208) 939-2000

6. EXACT PLANT LOCATION

2500 feet north of Joplin Road

COUNTY

Ada

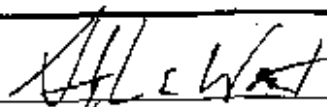
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Gravel Mining, Crushing, Retail Sales

8. PERMIT AUTHORITY

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 58.01.01.400 and pertains only to emissions of air contaminants which are regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit.

This permit has been granted on the basis of design information presented in the application and the Idaho Department of Environmental Quality's (Department) technical analysis of the supplied information. Changes in design or equipment, that result in any change in the nature or amount of emissions, may be a modification. Modifications are subject to the Department review in accordance with Section 58.01.01.200 of the *Rules for the Control of Air Pollution in Idaho*.


ADMINISTRATOR, BOISE REGIONAL OFFICE
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: July 12, 2002

~~DATE EXPIRES: July 12, 2007~~

SOURCE: Sand & Gravel Transfers, Crushers, Screens, Vehicle Traffic, and Associated Processes.

1. EMISSION LIMITS

1.1 Emissions Limits

Particulate matter (PM), and particulate matter with an aerodynamic diameter less than or equal to a nominal ten micrometers (PM₁₀) emissions from the sand and gravel transfers, crushers, screens, vehicle traffic, and wind erosion (stockpiles), shall not exceed the pounds per hour (lb/hr) and the tons per any 12-month period (T/yr) limits listed in the Appendix.

1.2 Opacity Limits

~~Emissions from the sand and gravel transfers, crushers, screens, vehicle traffic, and associated processes, or any other stock, vent, or functionally equivalent opening, shall not exceed the limit required by New Source Performance Standards (NSPS) Part 60 Subpart OOO and IDAPA 58.01.04.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined by the procedures contained in NSPS Part 60 Subpart OOO and IDAPA 58.01.04.625.~~

1.3 Visible Emission Limits

Visible emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three minutes in any 60-minute period. Visible emissions shall be determined by Environmental Protection Agency Reference Method 22 (as described in 40 CFR 60), the Appendix, or a Department-approved alternative method.

2. OPERATING REQUIREMENTS

2.1 Operating Procedures

~~The sand and gravel transfers, crushers, screens, and associated processes shall be operated according to the respective operation and maintenance (O&M) manual and manufacturer's specifications during the operation.~~

2.2.1 Sand and Gravel Mining

The material processed shall not exceed 600,000 tons per any consecutive 12-month period.

2.2.2 Performance Testing

~~The permittee shall have a performance test on the appropriate source(s) as stated in 40 CFR Part 60 Subpart OOO. A copy is located in the Appendix.~~

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~~2.3~~ Reasonable Control of Fugitive Emissions

~~As required in IDAPA 58.01.01.661, all reasonable precautions shall be taken to prevent PM from becoming airborne. In determining what is reasonable, considerations will be given to factors such as the proximity of dust emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of PM.~~

~~Some of the reasonable precautions include, but are not limited to, the following:~~

- ~~2.3.1 Using water or chemicals for controlling dust when demolishing existing buildings or structures, performing construction operations, grading roads, and clearing of lands;~~
- ~~2.3.2 Applying asphalt, water or suitable chemicals to, or covering dirt roads, material stockpiles, and other surfaces that can create dust;~~
- ~~2.3.3 Installing and using hoods, fans and fabric filters, or equivalent systems to enclose and vent the dusty materials. Adequate containment methods should be employed during sandblasting or other operations;~~
- ~~2.3.4 Covering open bodied trucks transporting materials likely to give rise to airborne dusts;~~
- ~~2.3.5 Paving of roadways and maintaining them in a clean condition; or~~
- ~~2.3.6 Promptly removing earth or other stored material from streets.~~

~~3.~~ MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Monitor Operation Parameters

The permittee shall monitor and record the amount of material processed on a consecutive 12-month basis. The most recent two years' compilation of records shall be kept onsite, in a record, and shall be made available to Department representatives upon request.

~~3.2~~ Operations and Maintenance (O&M) Manual Requirements

~~Within 60 days after permit issuance, the permittee shall have developed an O&M manual for the sand and gravel transfers, crushers, screens, vehicle traffic, and associated processes that describes the procedures followed to comply with General Provision D. This manual shall remain onsite at all times and shall be made available to Department representatives upon request.~~

~~3.3~~ New Source Performance Standards

~~The permittee shall perform all necessary recordkeeping that is applicable to the facility as stated within NPS Part 60 Subpart 600. A copy is located in the Appendix.~~

~~4.~~ REPORTING REQUIREMENTS

~~4.1~~ New Source Performance Standards

~~The permittee shall perform all necessary reporting that is applicable to the facility as stated within 40 CFR Part 60 Subpart 600. A copy is included in the Appendix.~~

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~~4.2 Certification of Documents~~

~~All documents submitted to the Department, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance verifications, 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.~~

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 LOCATION: Nampa, IDAHO

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Appendix A

Appendix

Mike's Sand and Gravel

Hourly (lb/hr)^b and Annual^c (T/yr)^d Point Source Emissions Limits^a

SOURCE	PM ₁₀ ^e	
	lb/hr	T/yr
Emissions from sand and gravel transfers, crushers, screens, vehicle traffic and associated processes	12.32	18.5

^a As determined by a pollutant-specific U.S. EPA reference method, Department-approved alternative, or by the Department emission estimation methods used in the permit application analysis.

^b Pound per hour

^c As determined by multiplying the actual or allowable (if actual is not available) lb/hr emission rate by the allowable hours per year that the process(es) may operate, or by actual annual production rates.

^d Tons per year

^e Particulate matter with an aerodynamic diameter of 10 microns or less.

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 LOCATION: NAMPA, IDAHO

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GENERAL PROVISIONS

TIER II OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. 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 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 for the Control of Air Pollution in Idaho*) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable 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 upon the permittee's 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 (i.e., performance tests) in conformance with state approved or accepted Environmental Protection Agency (EPA) procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 9-342A, *Idaho Code*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Department.
- E. 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.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within 60 days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the permittee to develop a list of O&M procedures to be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I. Performance tests (i.e., air emission source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with IDAPA 58.01.01.157. Such testing shall not be conducted on weekends or state holidays unless the permittee obtains prior Department approval.

The permittee shall submit a proposed test date for each performance test required by this permit to the Department for approval at least 15 days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The permittee shall promptly notify the Department of any change in the proposed test date and shall provide at least five working days advanced notice prior to conducting any re-scheduled test, unless the Department approves a shorter notice period.

Within 30 days of the date on which a performance test required by this permit is concluded, the permittee shall submit to the Department a performance test report for the respective test. The performance test report shall

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include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120 percent of the average operating rate attained during the most recent performance test conducted pursuant to this permit, for which a test protocol has been granted prior approval by the Department, which demonstrated compliance with the respective pollutant emission limit unless (1) a more restrictive operating limit is specified elsewhere in this permit, or (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- J. The provisions of this permit are severable; 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.