



Montana Department of
ENVIRONMENTAL QUALITY

Marc Racicot, Governor

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June 12, 2000

Mr. Rick Schaff
RL Schaff Concrete Construction Co.
P.O. Box 954
Billings, MT 59103

Dear Mr. Schaff:

Air Quality Permit #3104-00 is deemed final as of June 10, 2000 by the Department of Environmental Quality. This permit is for the transfer of permitting authority from Yellowstone County to the State of Montana. 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,

David L. Klomp
Air Permitting Section Supervisor
Air & Waste Management Bureau
(406) 444-3490

DK:jw

Enclosure

Montana Department of Environmental Quality
Permitting and Compliance Division

Air Quality Permit #3104-00

RL Schaff Concrete Construction Company
P.O. Box 954
Billings, MT 59103-0954

June 10, 2000



AIR QUALITY PERMIT

Issued To: R.L. Schaff Concrete Construction, Inc.
P.O. Box 954
Billings, MT 59103

Permit #3104-00
Application Submitted: 3/31/00
Preliminary Determination Issued: 5/9/00
Department Decision Issued: 5/25/00
Final Permit Issued: 6/10/00
AFS #: 777-3104

An air quality permit, with conditions, is hereby granted to R.L. Schaff Concrete Construction, Inc., hereinafter referred to as "R.L. Schaff," pursuant to Sections 75-2-204 and 211, MCA, as amended, and Administrative Rules of Montana (ARM) 17.8.701, *et seq*, as amended, for the following:

Section I: Permitted Facilities

- A. Permitted Equipment: Two (2) cement silos with baghouses – age and brand unknown.
- B. Original Facility Location: The R.L. Schaff facility is located at 5444 Chicago Road, Billings, Montana. The legal location of the facility is Section 22, Township 2 North, Range 27 East, Yellowstone County, Montana. Permit #3104-00 applies while operating in any location within the State of Montana, except within those areas having a Department of Environmental Quality (department) approved permitting program.
- C. Current Permit Action: This current permit action is a transfer of permitting authority from Yellowstone County to the State of Montana. The facility has not changed its operation or configuration, but the existing Yellowstone County permit must be re-issued as a state permit. Permit #3104-00 replaces all Yellowstone County and any other air quality permits held by the R.L. Schaff facility in Billings, Montana.

Section II: Limitations and Conditions

- A. Operational
 - 1. R.L. Schaff shall operate and maintain the cement silo baghouses during all cement loading and unloading operations [ARM 17.8.710].
 - 2. R.L. Schaff shall not cause or authorize the use of any street, road, or parking lot without taking reasonable precautions to control emissions of airborne particulate matter [ARM 17.8.308].
 - 3. R.L. Schaff shall treat all unpaved portions of the haul roads, access roads, parking lots, or the general plant area with water and/or chemical dust suppressant as necessary to maintain compliance with the reasonable precautions limitation in Section II.A.2 [ARM 17.8.710].
 - 4. R.L. Schaff shall maintain on-site records showing daily production rates and shall limit production to no more than 756,864 tons during any rolling 12-month period [ARM 17.8.710].

B. Reporting Requirements

1. If this concrete batch plant is moved to another location, a Notice of Intent to Transfer Location of Air Quality Permit shall be published in a newspaper of general circulation in the area to which the transfer is to be made. This notice shall be published at least fifteen (15) days prior to the move. Proof of publication and a change of location form shall be submitted to the department prior to the move. These forms are available from the department [ARM 17.8.734].
2. R.L. Schaff shall maintain on-site records showing daily hours of operation and daily production rates for the last twelve (12) months. The records compiled in accordance with this permit shall be maintained by R.L. Schaff as a permanent business record for at least five (5) years following the date of the measurement, shall be submitted to the department upon request, and shall be available at the plant site for inspection by the department [ARM 17.8.710].
3. R.L. Schaff 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 [ARM 17.8.505].

4. R.L. Schaff shall notify the department of any construction or improvement project conducted pursuant to ARM 17.8.705(1)(r) that would include a change in control equipment, stack height, stack diameter, stack flow, stack gas temperature, source location, or fuel specifications, or would result in an increase in source capacity above its permitted operation or the addition of a new emissions unit. The notice must be submitted to the department, in writing, 10 days prior to start up or use of the proposed de minimis change, or as soon as reasonably practicable in the event of an unanticipated circumstance causing the de minimis change, and must include the information requested in ARM 17.8.705(1)(r)(iv) [ARM 17.8.705].

C. Testing Requirements

1. All compliance source tests shall conform to the requirements of the Montana Source Test Protocol and Procedures Manual [ARM 17.8.106].
2. The department may require testing [ARM 17.8.105].

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 or 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 - Nothing in this permit shall be construed as relieving the permittee of the responsibility for complying with any applicable federal or Montana statute, rule or standard, except as specifically provided in ARM 17.8.701, *et seq.* [ARM 17.8.717].
- 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, 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 therefore, a hearing before the Board of Environmental Review (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 17.8.716, 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. Permit Fees - Pursuant to Section 75-2-220, 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.
- H. 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.
- I. R.L. Schaff shall comply with conditions contained in this permit while operating in any location in the state of Montana, except within those areas that have a department approved permitting program.

Permit Analysis
R.L. Schaff Concrete Construction, Inc.
Permit #3104-00

I. Introduction/Process Description

A. Site Location and Description

The facility is located at 5444 Chicago Road in Billings, Montana. Permit #3104-00 applies while operating in any location within the State of Montana, except within those areas having a Department of Environmental Quality (department) approved permitting program.

B. Permitted Equipment

Equipment used at this facility includes all equipment listed in the permit application #3104-00, including, but not limited to, two (2) Cement Silos with baghouses (age and brand unknown).

C. Process Description

For a typical operational setup, sand and aggregate are placed into a hopper where it is transferred from a bucket elevator into a haul truck. Cement is then transferred from the cement silo into the haul truck, where it is mixed with the sand/aggregate mixture and transported in the haul truck to locations off site.

D. Current Permit Action

This current permit action is a transfer of permitting authority from Yellowstone County to the State of Montana. The facility has not changed its operation or configuration, but the existing Yellowstone County permit must be re-issued as a state permit. Permit #3104-00 replaces all Yellowstone County and any other air quality permits held by the R.L. Schaff facility in Billings, Montana.

II. Applicable Rules and Regulations

The following are partial quotations of some applicable rules and regulations that apply to the facility. The complete rules are stated in the Administrative Rules of Montana (ARM) 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 17.8, Sub-Chapter 1, General Provisions, including, but not limited to:

1. ARM 17.8.101, Definitions. This rule is a list of applicable definitions used in this chapter, unless indicated otherwise in a specific subchapter.
2. ARM 17.8.105, Testing Requirements. Any person or persons responsible for the emission of any air contaminant into the outdoor atmosphere shall, upon written request of the department, provide the facilities and necessary equipment, including instruments and sensing devices, and shall conduct tests, emission or ambient, for such periods of time as may be necessary, using methods approved by the department.

3. ARM 17.8.106, Source Testing Protocol. The requirements of this rule apply to any emission source testing conducted by the department, any source, or other entity as required by any rule in this chapter, or any permit or order issued pursuant to this chapter, or the provisions of the Montana Clean Air Act, 75-2-101, *et seq.*, MCA.

R.L. Schaff shall comply with all requirements contained in the Montana Source Test Protocol and Procedures Manual, including, but not limited to, using the proper test methods and supplying the required reports. A copy of the Montana Source Test Protocol and Procedures Manual is available from the department upon request.

4. ARM 17.8.110, Malfunctions. The department must be notified promptly, by phone, whenever a malfunction occurs that can be expected to create emissions in excess of any applicable emission limitation, or to continue for a period greater than four (4) hours.
5. ARM 17.8.111, Circumvention. No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission of air contaminant which would otherwise violate an air pollution control regulation. No equipment that may produce emissions shall be operated or maintained in such a manner that a public nuisance is created.

B. ARM 17.8, Sub-Chapter 2, Ambient Air Quality, including, but not limited to:

1. ARM 17.8.220, Ambient Air Quality Standards for Settled Particulate Matter.
2. ARM 17.8.223, Ambient Air Quality Standards for PM-10.

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

C. ARM 17.8, Sub-Chapter 3, Emission Standards, including, but not limited to:

1. ARM 17.8.304, Visible Air Contaminants. (1) This rule requires that no person may cause or authorize emissions to be discharged to an outdoor atmosphere from any source installed on or before November 23, 1968, that exhibit an opacity of 40% or greater averaged over six (6) consecutive minutes. (2) This rule requires that no person may cause or authorize emissions to be discharged to an outdoor atmosphere from any source installed after November 23, 1968, that exhibit an opacity of 20% or greater averaged over six (6) consecutive minutes.
2. ARM 17.8.308, Particulate Matter, Airborne. This rule requires an opacity limitation of 20% for all fugitive emissions sources and that no person may cause or authorize the use of any street, road, or parking lot without taking reasonable precautions to control emissions of airborne particulate matter.

3. ARM 17.8.340, Standards of Performance for New Stationary Sources. This section incorporates, by reference, 40 CFR Part 60, Standards of Performance for New Stationary Sources (NSPS). This facility is not an NSPS affected source because it does not meet the definition of any NSPS Subpart defined in 40 CFR Part 60.

D. ARM 17.8, Sub-Chapter 5, Air Quality Permit Application, Operation and Open Burning Fees, including, but not limited to:

1. ARM 17.8.504, Air Quality Permit Application Fees. This section requires that an applicant submit an air quality permit application fee concurrent with the submittal of an air quality permit application. This current permitting action is a result of the change in permitting authority from Yellowstone County to the State of Montana. There is no application fee associated with this action.
2. ARM 17.8.505, 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.

An air quality operation fee is separate and distinct from an air quality permit application fee. 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 pro-rate the required fee amount.

E. ARM 17.8, Sub-Chapter 7, Permit, Construction and Operation of Air Contaminant Sources, including, but not limited to:

1. ARM 17.8.704, General Procedures for Air Quality Preconstruction Permitting. An air quality preconstruction permit shall contain requirements and conditions applicable to both construction and subsequent use.
2. ARM 17.8.705, When Permit Required-Exclusions. This rule requires a facility to obtain an air quality permit if they construct, alter, or use an air contaminant source which has the potential to emit more than twenty-five (25) tons per year of any pollutant. R.L. Schaff has the potential to emit more than twenty-five (25) tons per year of PM; therefore, a permit is required.
3. ARM 17.8.707, Waivers. ARM 17.8.706 requires the permit application to be submitted 180 days before construction begins. This rule allows the department to waive this time limit. The department hereby waives this limit.

4. ARM 17.8.710, 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. R.L. Schaff has demonstrated compliance with applicable rules and standards as required for permit issuance.
5. ARM 17.8.715, Emission Control Requirements. R.L. Schaff is required to install on the new or altered source the maximum air pollution control capability technically practicable and economically feasible, except that a Best Available Control Technology (BACT) shall be used. A BACT analysis was conducted for sources of particulate matter at this facility. The BACT analysis can be found in Section IV.
6. ARM 17.8.716, 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 17.8.717, Compliance with Other Statutes and Rules. This rule states that issuance of the permit does not relieve the permit holder from the responsibility of complying with all other applicable federal and Montana statutes, rules and standards.
8. ARM 17.8.720, Public Review of Permit Applications. This rule requires that R.L. Schaff notify the public by means of legal publication in a newspaper of general circulation in the area to be affected by the application for permit. R.L. Schaff will not be required to submit a legal publication because they complied with this requirement when Yellowstone County issued the original permit.
9. ARM 17.8.731, 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 (1) year after the permit is issued.
10. ARM 17.8.733, Modification of Permit. An air quality permit may be modified for changes in any applicable rules and standards adopted by the board or changed conditions of operation at a source or stack which do not result in an increase in emissions because of the changed conditions of operation. A source may not increase its emissions beyond those found in its permit, unless the source applies for and receives another permit.
11. ARM 17.8.734, Transfer of Permit. An air quality permit may be transferred from one location to another if written notice of intent to transfer is sent to the department.

F. ARM 17.8, Sub-Chapter 8, Prevention of Significant Deterioration of Air Quality, including, but not limited to:

1. ARM 17.8.801, Definitions. This rule is a list of applicable definitions used in this subchapter.
2. ARM 17.8.818, Review of Major Stationary Sources and Major Modification - Source Applicability and Exemptions. The requirements contained in ARM 17.8.819-17.8.827 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.

III. Emissions Inventory

| SOURCE | Tons/year | | | | | |
|---------------------------|-----------|-------|------|------|------|------|
| | PM | PM-10 | NOx | Sox | CO | VOC |
| Sand/Aggregate Transfer | 5.48 | 4.73 | ---- | ---- | ---- | ---- |
| Cement Unloading | 13.03 | 7.60 | ---- | ---- | ---- | ---- |
| Truck Loading – Truck Mix | 7.56 | 7.56 | ---- | ---- | ---- | ---- |
| Haul Roads | 5.48 | 2.46 | ---- | ---- | ---- | ---- |
| TOTAL | 31.55 | 12.35 | ---- | ---- | ---- | ---- |

Sand/Aggregate Transfer to Elevated Bins SCC 3-05-011-06

Maximum Process Rate: 24 yd³/hr * 1.8 ton/yd³ = 43.2 ton/hr

PM Emission Factor: 0.029 lbs/ton (AP-42, Table 11.12-2, 10/86)

Calculation: (43.2 ton/hr)*(8760 hr/yr)*(0.029 lbs/yd³)*(ton/2000lb) = 5.48 ton/yr

PM-10 Emission Factor: 0.025 lbs/ton

Calculation: (43.2 ton/hr)*(8760 hr/yr)*(0.025 lbs/ton)*(ton/2000 lb) = 4.73 ton/yr

Cement Unloading to Elevated Silo – SCC 3-05-011-07

Maximum Process Rate: Silo A + Silo B = 48 yd³/hr * 0.2585 ton/yd³ = 12.4 ton/hr

PM Emission Factor: 0.24 lbs/ton (AP-42, Table 11.12-2, 10/86)

Calculation: (0.240 lbs/ton)*(12.4 ton/hr)*(8760 hr/yr)*(ton/2000lb) = 13.03 ton/yr

PM-10 Emission Factor: 0.140 lbs/ton

Calculation: (0.140 lbs/ton)*(12.4 ton/hr)*(8760 hr/yr)*(ton/2000 lb) = 7.60 ton/yr

Truck Loading – Truck Mix SCC 3-05-011-10

Maximum Process Rate: Silo A + Silo B = 48 yd³/hr * 1.8 ton/yd³ = 86.4 ton/hr

PM Emission Factor: 0.02 lbs/ton (AP-42, Table 11.12-2, 10/86)

Calculation: (86.4 ton/hr)*(8760 hr/yr)*(0.02 lbs/yd³)*(ton/2000lb) = 7.56 ton/yr

PM-10 Emission Factor: 0.02 lb/ton

Calculation: (86.4 ton/hr)*(8760 hr/yr)*(0.02 lbs/ton)*(ton/2000 lb) = 7.56 ton/yr

Haul Roads

Vehicle Miles Traveled = 5 vmt/day (estimated)

PM Emission Factor: 6 lbs/vmt (DEQ guidance manual 4/25/94)

Calculation: (5 vmt/day)*(365 day/yr)(6 lbs/vmt)*(ton/2000lb) = 5.48 ton/yr

PM-10 Emission Factor: 2.7 lbs/vmt (DEQ guidance manual 4/25/94)

Calculation: (5 vmt/day)*(365 day/yr)*(2.7 lbs/vmt)*(ton/2000lb) = 2.46 ton/yr

IV. BACT Analysis

A BACT determination is required for any new or altered source. R.L. Schaff shall install on the new or altered source the maximum air pollution control capability technically practicable and economically feasible, except that BACT shall be used. This permitting action does not constitute a new or altered source, therefore the department will accept the original BACT determination done as part of R.L. Schaff's Yellowstone County air quality permit.

The control options selected have controls and control costs similar to other recently permitted similar sources and are capable of achieving the appropriate emissions standards.

V. Ambient Air Impact Analysis

The current permitting action is a change in permitting authority from Yellowstone County to the State of Montana. There will not be an increase in emissions from this facility as a result of this permit action. In the view of the department, the amount of controlled emissions generated by this project will not exceed any set ambient standard.

VI. Taking or Damaging Implication Analysis

As required by 2-10-101 through 105, MCA, the department has conducted a private property taking and damaging assessment and has determined there are no taking or damaging implications.

VII. Environmental Assessment

An environmental assessment, required by the Montana Environmental Policy Act, was completed for this permitting action. A copy is attached.

DEPARTMENT OF ENVIRONMENTAL QUALITY
Permitting and Compliance Division
Air and Waste Management Bureau
P.O. Box 200901, Helena, Montana 59620
(406) 444-3490

FINAL ENVIRONMENTAL ASSESSMENT (EA)

Issued For: R.L. Schaff Concrete Construction, Inc.
P.O. Box 954
Billings, Montana 59103

Air Quality Permit Number: #3104-00

Preliminary Determination Issued: 5/9/00
Department Determination issued: 5/25/00
Final Permit Issued: 6/10/00

Montana Environmental Policy Act (MEPA) compliance: An environmental assessment, required by MEPA, was completed for this project as follows.

Legal Description of Site: The R.L. Schaff Concrete Construction, Inc. facility is located in Section 22, Township 2 North, Range 27 East, Yellowstone County, Montana.

Description of Project: The current permitting action is a transfer of permitting authority from Yellowstone County to the State of Montana.

Benefits and Purpose of Proposal: Issuance of this permit will allow R.L. Schaff to continue their operation in compliance with the Administrative Rules of Montana (ARM).

Description and analysis of reasonable alternatives whenever alternatives are reasonably available and prudent to consider: No reasonable alternatives are available.

A listing an appropriate evaluation of mitigation, stipulations, and other controls enforceable by the agency or another government agency: A list of enforceable conditions, including a BACT analysis, is contained in Permit #3104-00.

Description and analysis of regulatory impacts on private property rights: The department has considered alternatives to the conditions imposed in this permit as part of the permit development. The department has determined that the permit conditions are reasonably necessary to ensure compliance with applicable requirements and demonstrate compliance with those requirements and do not unduly restrict private property rights.

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

| | | Major | Moderate | Minor | None | Unknown | Comments Included |
|----|--|-------|----------|-------|------|---------|-------------------|
| 1 | Terrestrial and Aquatic Life and Habitats | | | | X | | Yes |
| 2 | Water Quality, Quantity and Distribution | | | | X | | Yes |
| 3 | Geology and Soil Quality, Stability and Moisture | | | | X | | Yes |
| 4 | Vegetation Cover, Quantity and Quality | | | | X | | Yes |
| 5 | Aesthetics | | | | X | | Yes |
| 6 | Air Quality | | | | X | | Yes |
| 7 | Unique Endangered, Fragile or Limited Environmental Resource | | | | X | | Yes |
| 8 | Demands on Environmental Resource of Water, Air and Energy | | | | X | | Yes |
| 9 | Historical and Archaeological Sites | | | | X | | Yes |
| 10 | Cumulative and Secondary Impacts | | | | X | | Yes |

POTENTIAL IMPACT ON HUMAN ENVIRONMENT

| | | Major | Moderate | Minor | None | Unknown | Comments Included |
|----|---|-------|----------|-------|------|---------|-------------------|
| 1 | Social Structures and Mores | | | | X | | Yes |
| 2 | Cultural Uniqueness and Diversity | | | | X | | Yes |
| 3 | Local and State Tax Base and Tax Revenue | | | | X | | Yes |
| 4 | Agricultural or Industrial Production | | | | X | | Yes |
| 5 | Human Health | | | | X | | Yes |
| 6 | Access to and Quality of Recreational and Wilderness Activities | | | | X | | Yes |
| 7 | Quantity and Distribution of Employment | | | | X | | Yes |
| 8 | Distribution of Population | | | | X | | Yes |
| 9 | Demands for Government Services | | | | X | | Yes |
| 10 | Industrial and Commercial Activity | | | | X | | Yes |
| 11 | Locally Adopted Environmental Plans and Goals | | | | X | | Yes |
| 12 | Cumulative and Secondary Impacts | | | | X | | Yes |

SUMMARY OF COMMENTS ON POTENTIAL IMPACTS: The following comments have been prepared by the department.

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

1. Terrestrial and Aquatic Life and Habitats

Terrestrials will use the areas in which the facility is located. However, the current permit action is for the continued operation of an established concrete plant and will not impact the terrestrial life.

2. Water Quality, Quantity and Distribution

The department has determined that the current permitting action will have no impact to water quality, quantity, and distribution. The current permitting action is for the continued operation of an established concrete plant.

3. Geology and Soil Quality, Stability and Moisture

The department has determined that the current permitting action will have no impact to the soils around the facility. The current permitting action is for the continued operation of an established concrete plant.

4. Vegetation Cover, Quantity and Quality

The department has determined that the current permitting action will have no impact on the vegetative cover around the facility. The current permitting action is for the continued operation of an established concrete plant.

5. Aesthetics

The department has determined that the current permitting action will have no impact on the aesthetics around the facility. The current permitting action is for the continued operation of an established concrete plant.

6. Air Quality

The department has determined that the current permitting action will have no impact on the air quality surrounding the facility. The current permitting action is for the continued operation of an established concrete plant. Additionally, permit #3104-00 includes conditions limiting the opacity from the facility.

7. Unique Endangered, Fragile or Limited Environmental Resources

The department has determined that the current permitting action will not affect any unique, endangered, fragile, or limited environmental resources. The current permitting action is for the continued operation of an established concrete plant.

8. Demands on Environmental Resource of Water, Air and Energy

The department has determined that the current permitting action will not result in an increase in the demands on environmental resources of water, air, and energy. The current permitting action is for the continued operation of an established concrete plant.

9. Historical and Archaeological Sites

The department has determined that the current permitting action will have no impact to historical and archaeological sites around the facility. The current permitting action is for the continued operation of an established concrete plant.

10. Cumulative and Secondary Impacts

The department has determined that the current permitting action will have no cumulative and secondary impacts around the facility. The current permitting action is for the continued operation of an established concrete plant.

POTENTIAL IMPACT ON HUMAN ENVIRONMENT

1. Social Structures and Mores

In the view of the department, the continued operation of the concrete plant will cause no disruption to native or traditional lifestyles or communities at the area of operation.

2. Cultural Uniqueness and Diversity

In the view of the department, it is unlikely the continued operation of the concrete plant will have an adverse impact on the cultural uniqueness and diversity of the area.

3. Local and State Tax Base and Tax Revenue

The continued operation of the concrete plant will have little, if any effect on local and state tax base and tax revenue. The facility is an established operation that serves a need and generates local revenue in the process.

4. Agricultural or Industrial Production

The current permit action will not result in the displacement of any agricultural land.

5. Human Health

Permit #3104-00 incorporates conditions to ensure that the facility will be operated in compliance with all applicable rules and standards. These rules and standards are designed to be protective of human health.

6. Access to and Quality of Recreational and Wilderness Activities

The department has determined that the continued operation of the concrete plant will not have any effect on the access to and quality of recreational and wilderness activities.

7. Quantity and Distribution of Employment

The continued operation of the facility will not affect the quantity and distribution of employment in the area.

8. Distribution of Population

The continued operation of the facility will not disrupt the normal population distribution in the area.

9. Demands of Government Services

The department has determined that the current permitting action will not increase the demands of government services. The current permitting action is for the continued operation of an established concrete plant.

10. Industrial and Commercial Activity

The department has determined that the continued operation of the established concrete plant will not result in an increase in the industrial and commercial activity in the area.

11. Locally Adopted Environmental Plans and Goals

The department has determined that the continued operation of the concrete plant will not affect any locally adopted environmental plans or goals. The state standards will protect the site and the environment surrounding the site.

12. Cumulative and Secondary Impacts

The department has determined that the current permitting action will not result in cumulative and secondary impacts. The current permitting action is for the continued operation of an established concrete plant.

Recommendation: No EIS is required.

If an EIS is not required, explain why the EA is an appropriate level of analysis: The current permitting action is for the continued operation of an established concrete plant. Permit #3104-00 includes conditions and limitations, which, if properly applied, will safeguard any potential environmental threat created by the continued operation of the facility.

Other groups or agencies contacted or which may have overlapping jurisdiction: None

Individuals or groups contributing to this EA: Department of Environmental Quality, Air and Waste Management Bureau

EA prepared by: Mary Louise Hendrickson

Date: April 28, 2000.