Air Quality Permitting
Technical Memorandum

Permit To Construct Nos.
777-00106, 777-00113, and 777-00151

STAKER & PARSONS CO.
dba IDAHO CONCRETE CO.
PORTABLE

Prepared By:
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 Permit Writer

Project Nos.
P-020016A, P-020016B, and P-020016C

Date Prepared:
June 4, 2002

Permit Status:
FINAL
PURPOSE

The purpose for this memorandum is to satisfy the requirements of IDAPA 58.01.01.200, Rules for the Control of Air Pollution in Idaho, for issuing permits to construct (PTC).

PROJECT DESCRIPTION

Staker & Parsons Co. dba, Idaho Concrete Company (Idaho Concrete) is proposing to amend PTC Nos. 777-00106, issued February 4, 2000; 777-00113, issued August 3, 2000; and 777-00151, issued September 8, 2000. These concrete batch plants were recently purchased from Monroc Inc. There are no changes in operation associated with this amendment.

SUMMARY OF EVENTS

On May 13, 2002, the Department of Environmental Quality (DEQ) received an application from Idaho Concrete for the purchase of three concrete batch plants.

DISCUSSION

1. Process Description

The process has not changed, there has only been a change in ownership. The equipment and method of operation has not changed and there are no changes in emissions.

2. Equipment Listing

To see an equipment listing see the associated technical memorandums from the previous permits.

3. Emission Estimates and Modeling

There is not an increase in emissions; therefore, no modeling was conducted for this amendment. For previous modeling see the associated technical memorandums from the previous permits.

4. Facility Classification

These facilities are classified as natural minor (B) facilities, since their potential to emit is less than the following:

- 100 tons per year (T/yr) of any regulated pollutant
- 10 T/yr of any single hazardous air pollutant
- 25 T/yr of any combination of hazardous air pollutants

5. Area Classification

These are portable sources that are permitted to operate throughout the state of Idaho.
6. **Regulatory Review**

IDAPA 58.01.01.201 **Permit to Construct Required**

These permits must be reissued because of the change in ownership.

7. **AIRS Information**

![AIRS/AFS Facility-Wide Classification Data Entry Form](image)

**Notes:**
- A = Actual or potential emissions of a pollutant are above the applicable major source threshold. For NESHAP only, class "A" is applied to each pollutant which is below the 10 T/yr threshold, but which contributes to a plant total in excess of 25 T/yr of all NESHAP pollutants.
- SM = Potential emissions fall below applicable major source thresholds if and only if the source complies with federally enforceable regulations or limitations.
- B = Actual and potential emissions below all applicable major source thresholds.
- C = Class is unknown.
- ND = Major source thresholds are not defined (e.g., radionuclides).

* = Aerometric Information Retrieval System (AIRS) Facility Subsystem (AFS)

b = AIRS/AFS Classification Codes:
- **A** - Attainable
- **U** - Unclassifiable
- **N** - Nonattainable

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c = State Implementation Plan

d = Prevention of Significant Deterioration

e = New Source Performance Standards

f = National Emission Standards for Hazardous Air Pollutants

g = Maximum Achievable Control Technology

h = Sulfur Dioxide

i = Nitrogen Oxides

j = Carbon Monoxide

k = Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers

l = Particulate Matter

m = Volatile Organic Compounds

n = Hazardous Air Pollutants
FEES

The Idaho Concrete batch plants are not major facilities as defined in IDAPA 58.01.01.008.10. Therefore, registration fees are not applicable, in accordance with IDAPA 58.01.01.527.

RECOMMENDATION

Based on review of application materials and all applicable state and federal rules and regulations, staff recommends Idaho Concrete be issued amended PTC Nos. 777-00106, 777-00113, and 777-00151 for the concrete batch plants. No public comment period is recommended, no entity has requested a comment period, and the project does not involve PSD requirements.

DH/bm

cc: Boise Regional Office
  Sherry Davis, Technical Services
  Joan Lechtenberg, Air Quality Division
  Source File for PTC Nos. 777-00106, 777-00113, 777-00151