



**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:**

Dustin Holloway  
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<sup>a</sup> FACILITY-WIDE CLASSIFICATION<sup>b</sup> DATA ENTRY FORM**

AIR PROGRAM	SIP <sup>c</sup>	PSD <sup>d</sup>	NSPS <sup>e</sup> (Part 60)	NESHAP <sup>f</sup> (Part 61)	MACT <sup>g</sup> (Part 63)	TITLE V	AREA CLASSIFICATION
POLLUTANT							A - Attainment U - Unclassifiable N - Nonattainment
SO <sub>2</sub> <sup>h</sup>							Portable
No <sub>x</sub> <sup>i</sup>							Portable
CO <sup>j</sup>							Portable
PM <sub>10</sub> <sup>k</sup>	B						Portable
PT (Particulate) <sup>l</sup>							
VOC <sup>m</sup>							Portable
THAP (Total HAPs) <sup>n</sup>							
			APPLICABLE SUBPART				

<sup>a</sup> Aerometric Information Retrieval System (AIRS) Facility Subsystem (AFS)

<sup>b</sup> AIRS/AFS Classification Codes:

- 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).

<sup>c</sup> State Implementation Plan

<sup>d</sup> Prevention of Significant Deterioration

<sup>e</sup> New Source Performance Standards

<sup>f</sup> National Emission Standards for Hazardous Air Pollutants

<sup>g</sup> Maximum Achievable Control Technology

<sup>h</sup> Sulfur Dioxide

<sup>i</sup> Nitrogen Oxides

<sup>j</sup> Carbon Monoxide

<sup>k</sup> Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers

<sup>l</sup> Particulate Matter

<sup>m</sup> Volatile Organic Compounds

<sup>n</sup> 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 G:\AIR PERMITS\PTC\IDAHO CONCRETE\IP-020016\IP-020016 TM.DOC

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