



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502  
www.deq.idaho.gov

C.L. "Butch" Otter, Governor  
John H. Tippetts, Director

November 16, 2016

Rhys Weaver, President  
Sunroc Corporation 00161  
501 East 41<sup>st</sup> Street  
Boise, ID 83714

RE: Facility ID No., 777-00161, Project No., 61803, Sunroc Corporation 00161, Boise  
Facility Name Change by Permit to Construct Revision

Dear Mr. Weaver:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2016.0061 Project 61803 to change the name of the facility from Low's Ready Mix to Sunroc Corporation 00161. This PTC is issued in accordance with IDAPA 58.01.01.209.04 of the Rules for the Control of Air Pollution in Idaho and is based on the certified information received on October 25, 2016. The facility name change is based on the following information:

Previous Facility Information

Permittee:	Low's Ready Mix, Incorporated
Mailing Address:	2344 Dunyon, Eagle, ID 83616
Facility Location:	Portable
Facility Contact:	Cal D. Low, President
Phone Number:	(208) 939-8884
E-mail Address:	Not available
Responsible Official:	Cal D. Low, President
Phone Number:	(208) 939-8884

Updated Facility Information

Permittee:	Sunroc Corporation 00161
Mailing Address:	501 East 41 <sup>st</sup> Street, Boise, ID 83714
Facility Location:	Portable
Facility Contact:	Mark Elder, Area Manager
Phone Number:	(208) 947-1814
E-mail Address:	melder@sunroc.com
Responsible Official:	Rhys Weaver, President
Phone Number:	(801) 802-6979

This permit incorporates all permit conditions in the PTC No. P-950223, issued November 21, 1995 except for the following minor changes:

- As a result of using the current PTC template, permit numbers are changed, and Permit Scope Section is added to the permit.
- “A performance test to comply with opacity emissions limits was complete on April 29, 1996. A visible emissions evaluation at the property boundary was complete on November 2, 1998.” is added to Permit Condition 2.10.
- “The most recent two (2) years’ compilation of data” has been replaced with “The most recent five (5) years’ compilation of data” in Permit Conditions 2.11 and 2.12 to be consistent with General Provisions in the current PTC template.
- General Provisions in the 1995 PTC are replaced with the ones in the current PTC template.

This permit is effective immediately and replaces PTC No. P-950223, issued November 21, 1995. This permit does not release Sunroc Corporation 00161 from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom Krinke, AQ Compliance Officer, at (208) 373-0419 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that the following representatives attend the meeting: your facility’s plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

If you have any questions, please contact Shawnee Chen at (208) 373-0502 or [Shawnee.chen@deq.idaho.gov](mailto:Shawnee.chen@deq.idaho.gov).

Sincerely,



Mike Simon  
Stationary Source Program Manager  
Air Quality Division

Attachment  
MS/syc

Permit No. P-2016.0061 PROJ 61803

## Air Quality

### PERMIT TO CONSTRUCT

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**Permittee** Sunroc Corporation 00161  
**Permit Number** P-2016.0061  
**Project ID** 61803  
**Facility ID** 777-00161  
**Facility Location** Portable

### Permit Authority

This permit (a) is issued according to the “Rules for the Control of Air Pollution in Idaho” (Rules), IDAPA 58.01.01.200–228; (b) pertains only to emissions of air contaminants regulated by the State of Idaho and to the sources specifically allowed to be constructed or modified by this permit; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho Department of Environmental Quality (DEQ) or its officers, agents, or employees assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200–228.

**Date Issued** November 16, 2016



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**Shawnee Chen, P.E., Permit Writer**



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**Mike Simon, Stationary Source Manager**

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# 1 Permit Scope

## Purpose

- 1.1 This is a revised permit to construct (PTC) for a name change of the facility.
- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right-hand margin.
- 1.3 This PTC replaces Permit to Construct No. 777-00161, issued on November 21, 1995.

## Regulated Sources

Table 1.1 lists all sources of regulated emissions in this permit.

Table 1.1 Regulated Sources

Permit Section	Source	Control Equipment
2	Portable Rock Crushing Plant	None

## **2 Portable Rock Crushing Plant**

### **2.1 Process Description**

Rock crushing operations for the production of graded aggregates to be conducted within the State of Idaho.

### **2.2 Crushing Equipment Listing**

The crushing facility consists of the following crushing equipment and generators (if applicable), or equivalent:

Primary Crusher  
S. N. - 40268

## **Emission Limits**

### **2.3 Crusher Opacity Limit**

Particulate matter (PM) emissions from portable rock crushers shall not exhibit more than fifteen percent (15%) opacity. Opacity shall be determined using Method 9 as specified in 40 CFR Part 60, Subpart OOO.

### **2.4 Transfer Point Opacity Limit**

Particulate matter (PM) emissions from any transfer point on belt conveyors or any fugitive source shall not exhibit greater than ten percent (10%) opacity. Opacity shall be determined using Method 9 as specified in 40 CFR Part 60, Subpart OOO.

### **2.5 Visible Emission Limits at Property Boundary**

Visible emissions emanating from crushing, screening, aggregate transfer and all fugitive sources shall not be observed leaving the property boundary for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period. Visible emissions shall be determined by Method 22, as described in 40 CFR Part 60, Appendix A, or Department approved alternative method.

## **Operating Requirements**

### **2.6 Aggregate Throughput**

The total aggregate throughput of the crushing facility shall not exceed a maximum of two hundred fifty tons per hour (250 T/hr) or one million tons per year (1,000,000 T/yr).

### **2.7 Hours of Operation**

The hours of operation of the crushing facility shall not exceed four thousand-hours per year (4,000 hrs/yr).

### **2.8 Crushers, Vibrating Screens, Material Transfer Point, Drop Points, Aggregate Stockpiles, and all Sources of Fugitive Emissions**

Emissions due to crushing, screening and material transfer shall be reasonably controlled to minimize particulate emissions. Fugitive emissions generated from this portable plant, including aggregate stockpiles, all haul roads, and any other sources of fugitive emissions shall be reasonably controlled in accordance with IDAPA 16.01.01.650 (Rules for the Control of Air

Pollution in Idaho).

Reasonable precautions may include, but are not limited to the following:

- Use of water or environmentally safe chemicals;
- Application of dust suppressants;
- Use of control equipment;
- Covering of trucks;
- paving; and
- Prompt removal of earth or other stored material from streets, where practical.

### **2.9 Air Stagnation Advisory Days**

There shall be no operation of the rock crushing facility during days of Air Stagnation Advisory or during periods of high winds when located in a PM<sub>10</sub> nonattainment or proposed PM<sub>10</sub> non-attainment area.

## **Monitoring and Recordkeeping Requirements**

### **2.10 Initial Performance Test**

Within one hundred eighty (180) days of starting up the facility or within sixty (60) days of reaching the full production rate, whichever occurs earliest, the permittee shall conduct a performance test in accordance with 40 CFR 60.675 to demonstrate compliance with opacity emissions limits in Permit Conditions 2.3 and 2.4. A visible emissions evaluation at the property boundary shall also be conducted to demonstrate compliance with Permit Condition 2.5. The aggregate throughput to the facility during the performance test shall also be monitored and recorded.

A performance test to comply with opacity emissions limits was complete on April 29, 1996. A visible emissions evaluation at the property boundary was complete on November 2, 1998.

[11/16/2016]

### **2.11 Operating Parameters**

The following parameters shall be monitored on both a daily and annual basis. The most recent five (5) years' compilation of data shall be kept on-site in a log and made available to Department representatives upon request.

- Aggregate throughput to the crushing facility; and
- Hours of operation of the crushing facility.

[11/16/2016]

### **2.12 Reasonable Control Measures**

The permittee shall monitor and record in a log, during operation, on a daily basis the method(s) used to reasonably control emissions from all sources listed in Permit Condition 2.8. The log shall include the type of control used (i.e., water, environmentally safe chemical dust suppressants, etc.) as well as the circumstances under which no controls are utilized. The most recent five (5) years' compilation of data shall be kept on-site and made available to Department representatives upon request.

[11/16/2016]

## **Reporting Requirements**

### **2.13 Performance Test Protocol**

The permittee shall submit a test protocol for the performance test required in Permit Condition 2.10 to the Department for approval at least thirty (30) days prior to the test date.

### **2.14 Performance Test Report**

The permittee shall submit a report of the results of the performance test required in Permit Condition 2.10, including all required process data, to the Department within thirty (30) days after the date on which the performance test is conducted.

### **2.15 Relocation**

At least ten (10) days prior to relocation of any equipment covered by this permit, the permittee shall report to DEQ, on relocation forms supplied by DEQ, the following information:

- Location of the new site of operations;
- Start-up date at the new site of operations and the duration of operations at the new site;
- Number and type of crushers to be used at the new site; and
- A scaled plot plan clearly showing the property boundary of the new site.

### **2.16 Certification of Documents**

All documents, including but not limited to, application forms for Permits to Construct, monitoring data, supporting information, requests for confidential treatment, testing reports or compliance certifications submitted to the Department 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.

### 3 General Provisions

#### General Compliance

3.1 The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the “Rules for the Control of Air Pollution in Idaho.” The emissions 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, the “Rules for the Control of Air Pollution in Idaho,” and the Environmental Protection and Health Act (Idaho Code §39-101, et seq.)

[Idaho Code §39-101, et seq.]

3.2 The permittee shall at all times (except as provided in the “Rules for the Control of Air Pollution in Idaho”) maintain in good working order and operate as efficiently as practicable all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211, 5/1/94]

3.3 Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules, and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

#### Inspection and Entry

3.4 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee’s premises where an emissions source is located, emissions-related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

#### Construction and Operation Notification

3.5 This permit shall expire if construction has not begun within two years of its issue date, or if construction is suspended for one year.

[IDAPA 58.01.01.211.02, 5/1/94]

3.6 The permittee shall furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
- A notification of the date of any suspension of construction, if such suspension lasts for one year or more;

- A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date; and
- A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.03, 5/1/94]

## Performance Testing

- 3.7** If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.
- 3.8** All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.
- 3.9** Within 60 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00 and 4/11/15]

## Monitoring and Recordkeeping

- 3.10** The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

## **Excess Emissions**

- 3.11 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions due to start-up, shut-down, scheduled maintenance, safety measures, upsets, and breakdowns.

[IDAPA 58.01.01.130–136, 4/5/00]

## **Certification**

- 3.12 All documents submitted to DEQ—including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification—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.

[IDAPA 58.01.01.123, 5/1/94]

## **False Statements**

- 3.13 No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

## **Tampering**

- 3.14 No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

## **Transferability**

- 3.15 This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

## **Severability**

- 3.16 The provisions of this permit are severable, and 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.

[IDAPA 58.01.01.211, 5/1/94]