



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

July 28, 2016

Randal Johnson, Manager-Member
Larken Precast, LLC
411 Remington
Boise, ID 83714

RE: Facility ID No. 001-00109, Larken Precast, LLC, Boise
Final Permit Letter

Dear Mr. Johnson:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2016.0045 Project 61760 to Larken Precast, LLC located at Boise to change the name of the facility from Lar-Ken Septic Tanks, Incorporated to Larken Precast, LLC. This PTC is issued in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho) and is based on the certified information provided in your PTC application received February 15, 2016.

This permit is effective immediately and replaces PTC No. 001-00109, issued on July 12, 1995. This permit does not release Larken Precast, LLC from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to contact Kelli Wetzel at (208) 373-0502 or kelli.wetzel@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink that reads "Mike Simon".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS\KW

Permit No. P-2016.0045 PROJ 61760

Enclosures

Air Quality

PERMIT TO CONSTRUCT

Permittee Larken Precast, LLC
Permit Number P-2016.0045
Project ID 61760
Facility ID 001-00109
Facility Location 411 Remington
Boise, ID 83714

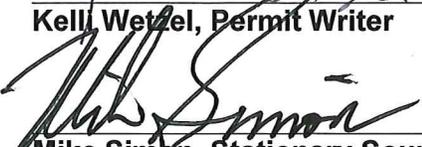
Permit Authority

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 July 28, 2016



Kelli Wetzel, Permit Writer



Mike Simon, Stationary Source Manager

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1 Permit Scope

Purpose

1.1 This is a revised permit to construct (PTC) to change the name from Lar-Ken Septic Tanks, Incorporated to Larken Precast, LLC. This revised PTC replaces PTC No. 001-00109 issued July 12, 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	<u>Portable Concrete Batch Plant:</u> Manufacturer: Ross Rustler II Model: Rustler II Serial Number: R23 Max. production: 150 yd ³ /hr	<u>Cement Storage Silo Baghouse:</u> Manufacturer: Ross Model: 3CP-250 Control efficiency: 99.95% at 1 micron
		<u>Cement Weight Batcher Baghouse:</u> Manufacturer: Ross Model: 1CP-H Control efficiency: 99.995% at 1 micron
2	Associated aggregate process, handling, and transport equipment	

2 Portable Concrete Batch Plant

2.1 Process Description

A portable concrete batch plant is used to combine sand, gravel(s), cement and water to produce concrete.

Emission Limits

2.2 Baghouse Stack Emission Limits

TSP and PM-10 emissions from the cement storage silo baghouse exhaust stack and cement weight batcher baghouse exhaust stack shall not exceed any corresponding emissions rate limits listed in Table 2.1.

Table 2.1 Cement Silo Baghouse and Cement Weight Batch Baghouse Emission Limits

Source Description	TSP		PM ₁₀ ^(b)	
	lb/hr ^(c)	T/yr ^(d)	lb/hr ^(c)	T/yr ^(d)
Cement Silo Baghouse	0.01	0.044	0.005	0.022
Cement Weight Batch Baghouse	0.01	0.044	0.005	0.022
Total Baghouse Emissions	0.02	0.088	0.01	0.044

- a In absence of any other credible evidence, compliance is ensured by complying with permit operating, monitoring, and record keeping requirements.
- b Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.
- c Pounds per hour, as determined by a test method prescribed by IDAPA 58.01.01.157, EPA reference test method, continuous emission monitoring system (CEMS) data, or DEQ-approved alternative.
- d Tons per any consecutive 12-calendar month period.

2.3 Fugitive Emissions at Boundary Limits

Visible fugitive emissions shall not be observed leaving the property boundaries for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period. The visual determination is to be conducted using Method 22, 40 CFR Part 60, Appendix A.

2.4 Opacity Limit

Emissions from any stack, vent, or functionally equivalent opening associated with the portable concrete batch plant, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

Operating Requirements

2.5 Maximum Production Rate

The maximum production rate of the concrete batch plant shall not exceed 100 tons of concrete per hour (T/hr) or 50,000 tons of concrete per year (T/yr), as per applicant's submittal.

2.6 Fugitive Emissions

Fugitive particulate emissions from the operation of the portable concrete batch plant, traffic on all haul roads, traffic areas, and all aggregate handling equipment shall be reasonably controlled as required in IDAPA 58.01.01.650 and IDAPA 58.01.01.651.

Some of the efficient reasonable controls may include, but shall not be limited to, the following:

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

2.7 Air Stagnation Advisory Days

There shall be no operation of the concrete batch plant during days of Air Stagnation Advisory resulting in mandatory burning bans or periods of high winds.

Monitoring and Recordkeeping Requirements

2.8 Operating Parameters

- The permittee shall monitor the average hourly concrete production once per day. This amount shall be recorded as tons per hour (T/hr) to demonstrate compliance with Section 2.5 of this permit, and shall be recorded in a log kept at the facility for a minimum period of two (2) years. The log shall be made available to Department representatives upon request.
- The permittee shall monitor quarterly, based on a calendar year, the amount of concrete produced. This amount shall be recorded as tons (T) to demonstrate compliance with Section 2.5 of this permit, and shall be recorded in a log kept at the facility for a minimum period of two (2) years. The log shall be made available to Department representatives upon request.

Reporting Requirements

2.9 Certification of Documents

All documents, including but not limited to, records, supporting information or monitoring data 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 documents are true, accurate, and complete.

2.10 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
- A plot plan clearly showing the property boundary of the new site.

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]