

JAN 17 2013

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE AIR PROGRAM



DEQ AIR QUALITY PROGRAM
1410 N. Hilton, Boise, ID 83706
For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

Cover Sheet for Air Permit Application – Permit to Construct **Form CSPTC**

Please see instructions on page 2 before filling out the form.

COMPANY NAME, FACILITY NAME, AND FACILITY ID NUMBER

1. Company Name **Pocatello Ready Mix, Inc.**

2. Facility Name **American Falls Ready Mix** 3. Facility ID No. _____

4. Brief Project Description -
One sentence or less _____

PERMIT APPLICATION TYPE

5. New Source New Source at Existing Facility PTC for a Tier I Source Processed Pursuant to IDAPA 58.01.01.209.05.c
 Unpermitted Existing Source Facility Emissions Cap Modify Existing Source: Permit No.: _____ Date Issued: _____
 Required by Enforcement Action: Case No.: _____

6. Minor PTC Major PTC

FORMS INCLUDED

Included	N/A	Forms	DEQ Verify
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form CSPTC – Cover Sheet	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form GI – Facility Information	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU0 – Emissions Units General	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU1– Industrial Engine Information Please specify number of EU1s attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU2– Nonmetallic Mineral Processing Plants Please specify number of EU2s attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU3– Spray Paint Booth Information Please specify number of EU3s attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU4– Cooling Tower Information Please specify number of EU3s attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU5 – Boiler Information Please specify number of EU4s attached: _____	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form CBP– Concrete Batch Plant Please specify number of CBPs attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form HMAP – Hot Mix Asphalt Plant Please specify number of HMAPs attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PERF – Portable Equipment Relocation Form	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form AO – Afterburner/Oxidizer	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form CA – Carbon Adsorber	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form CYS – Cyclone Separator	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form ESP – Electrostatic Precipitator	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form BCE– Baghouses Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form SCE– Scrubbers Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form VSCE – Venturi Scrubber Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form CAM – Compliance Assurance Monitoring	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forms EI– Emissions Inventory	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PP – Plot Plan	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forms MI1 – MI4 – Modeling (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form FRA – Federal Regulation Applicability	<input type="checkbox"/>



Please see instructions on back page before filling out the form. All information is required. If information is missing, the application will not be processed.

Identification

1. Facility name: Amerian Falls Ready Mix
 2. Existing facility identification number:
 Check if new facility (not yet operating)
 3. Brief project description: New concrete batch plant

Facility Information

4. Primary facility permitting contact name: Mike Horrocks Contact type: Owner
 Telephone number: 208 233 7041 E-mail: cmhorrocks@hotmail.com
 5. Alternate facility permitting contact name: Coleman Horrocks Alternate contact type: Responsible official
 Telephone number: 208 233 7041 E-mail: colehor@gmail.com
 6. Mailing address where permit will be sent (street/city/county/state/zip code): 9659 N. Philbin Rd. Pocatello, Idaho 83202
 7. Physical address of permitted facility (if different than mailing address) (street/city/county/state/zip code): 3223 Whitnah Rd. American Falls, Idaho 83211
 8. Is the equipment portable? Yes* No *If yes, complete and attach PERF; see instructions.
 9. NAICS codes: Primary NAICS: 327320 Secondary NAICS:
 10. Brief business description and principal product produced: Ready Mixed Concrete Production
 11. Identify any adjacent or contiguous facility this company owns and/or operates:

12. Specify type of application Permit to construct (PTC); application fee of \$1,000 required. See instructions.
 Tier I permit Tier II permit Tier II/Permit to construct
 For Tier I permitted facilities only: If you are applying for a PTC then you must also specify how the PTC will be incorporated into the Tier I permit.
 Co-process Tier I modification and PTC Incorporate PTC at the time of Tier I renewal Administratively amend the Tier I permit to incorporate the PTC upon applicant's request (IDAPA 58.01.01.209.05.a, b, or c)

Certification

In accordance with IDAPA 58.01.01.123 (Rules for the Control of Air Pollution in Idaho), I certify based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

13. Responsible official's name: Mike Horrocks Official's title: Owner
 Official's address: 9659 N. Philbin Rd. Pocatello, Idaho 83202
 Telephone number: 208 233 7041 E-mail: cmhorrocks@hotmail.com
 Official's signature: Date: 1/11/2013

14. Check here to indicate that you want to review the draft permit before final issuance.



Please see instructions on page 4 before filling out the form.

All information is required. If information is missing, the application will not be processed.

IDENTIFICATION

1. Company Name	Pocatello Ready Mix, Inc.
2. Facility Name (if different than #1)	American Falls Ready Mix

FACILITY INFORMATION

3. Primary Facility Permit Contact Person/Title	C. Michael Horrocks / Owner
4. Telephone Number and Email Address	208 233 7041 / cmhorrocks@hotmail.com
5. Alternate Facility Contact Person/Title	Coleman Horrocks / Rep
6. Telephone Number and Email Address	208 233 7041 / colehor@gmail.com
7. Address to which permit should be sent	9659 N. Philbin Rd
8. City/State/Zip/county	Pocatello/ Idaho/ 83202/ Bannock
9. Equipment Location Address (if different than #8)	New Equipment Manufacturer = Belgrade Steel Tank Co., Inc.
10. City/State/Zip/county	Belgrade/ Minnesota/ 56312
11. Is the Equipment Portable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CONCRETE BATCH PLANT

12. Proposed Initial Plant Location:	3223 Whitnah Road		
13. Nearest City:	American Falls, Idaho	15. Estimated Startup Date:	Mar 01, 2013
14. County:	Power		
16. Reason for Application	<input checked="" type="checkbox"/> Permit to construct a new source <input type="checkbox"/> Permit to operate an existing unpermitted source <input type="checkbox"/> Permit to modify/revise an existing permitted source (identify the permit below) Permit No.: Issue Date: Facility ID: Terminate Current Permit : <input type="checkbox"/> Yes <input type="checkbox"/> No		
17. Permit Draft Review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

CONCRETE BATCH PLANT SPECIFICATIONS

18. Manufacturer:	Belgrade Steel Tank Co.,Inc.	19. Model:	12 Yd Accumulative
20. Manufacture Date:	August 2012	21. Loadout Type:	<input checked="" type="checkbox"/> Truck <input type="checkbox"/> Central
22. Rated Capacity:	100 (cy/hr) (cy/day) (cy/yr)		
23. Daily Throughput Options:	<input checked="" type="checkbox"/> 500 cy <input type="checkbox"/> 1000 cy <input type="checkbox"/> 1500 cy <input type="checkbox"/> 2500 cy (Select only one (1))		

CEMENT STORAGE SILO BAGHOUSE

24. Manufacturer:	Belgrade Steel Tank Co.,Inc.	25. Model	225 sq ft Dust Collector
26. Stack Height from Ground:	53 (ft)	27. Exit Air Flow Rate	650 (acfm)
28. Stack Inside Diameter:	3.67 (ft)	29. Bag Dimensions	18 (# bags) 6ft x .67ft
30. Stack Release Orientation:	<input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))		

CEMENT STORAGE SILO BAGHOUSE NO. 2

31. Manufacturer:	32. Model
33. Stack Height from Ground: (ft)	34. Exit Air Flow Rate (acfm)
35. Stack Inside Diameter: (ft)	36. Bag Dimensions (# bags) ft x ft
37. Stack Release Orientation: <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))	

CEMENT SUPPLEMENT (FLYASH) STORAGE BAGHOUSE

38. Manufacturer: Belgrade Steel Tank Co., Inc.	39. Model 225 sq ft. Dust Collector
40. Stack Height from Ground: 51 (ft)	41. Exit Air Flow Rate 650 (acfm)
42. Stack Inside Diameter: 3.67 (ft)	43. Bag Dimensions 18 (# bags) 6ft x .67ft
44. Stack Release Orientation: <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))	

CEMENT SUPPLEMENT (FLYASH) STORAGE BAGHOUSE NO. 2

45. Manufacturer:	46. Model
47. Stack Height from Ground: (ft)	48. Exit Air Flow Rate (acfm)
49. Stack Inside Diameter: (ft)	50. Bag Dimensions (# bags) ft x ft
51. Stack Release Orientation: <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))	

WEIGH BATCHER BAGHOUSE(S)

52. Manufacturer: Belgrade Steel Tank Co., Inc.	53. Model 16 sq.ft. Dust Vent
54. Stack Height from Ground: 31 (ft)	55. Exit Air Flow Rate 40 (acfm)
56. Stack Inside Diameter: 1WX 3L X 2H (ft)	57. Bag Dimensions 4 (# bags) 2ft x .67ft
58. Stack Release Orientation: <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))	

INTERNAL COMBUSTION ENGINE SPECIFICATIONS

59. Type of Unit: <input type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Transfer from current Permit			
60. Engine Displacement: (liters per cylinder) must be less than 10		61. Predicted Operating Hours hours/year	
62. Engine ID Number:	63. Brake horsepower:	horsepower (bhp)	64. Certification: Tier: Select One*
65. Construction Date:	66. Does your engine have an oxidation catalyst?		<input type="checkbox"/> Yes <input type="checkbox"/> No
67. If your engine has a 500 HP or greater and older than July 11, 2005 select one of the following:			<input type="checkbox"/> CPMS <input type="checkbox"/> CEMS
68. Stack Height from Ground: (ft)		69. Exit Air Flow Rate (acfm)	

INTERNAL COMBUSTION ENGINE FUEL DESCRIPTION AND SPECIFICATIONS

70. Fuel Type: <input type="checkbox"/> Diesel Fuel (gal/hr) <input type="checkbox"/> Natural Gas (cf/hr)	71. Sulfur Content % wt (if diesel) 0.0015%
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INTERNAL COMBUSTION ENGINE SPECIFICATIONS NO. 2

72. Type of Unit: <input type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Transfer from current Permit			
73. Engine Displacement: (liters per cylinder) must be less than 10		74. Predicted Operating Hours hours/year	
75. Engine ID Number:	76. Brake horsepower:	horsepower (bhp)	77. Certification: Tier: Select One*
78. Construction Date:	79. Does your engine have an oxidation catalyst?		<input type="checkbox"/> Yes <input type="checkbox"/> No
80. Stack Height from Ground: (ft)		81. Exit Air Flow Rate (acfm)	

INTERNAL COMBUSTION ENGINE FUEL DESCRIPTION AND SPECIFICATIONS NO. 2

82. Fuel Type: Diesel Fuel (gal/hr) Natural Gas (cf/hr) 83. Sulfur Content % wt (if diesel) 0.0015%

WATER HEATER/BOILER SPECIFICATIONS

84. Type of Unit: New Unit Unpermitted Existing Unit Transfer from current Permit

85. Boiler ID Number: 86. Rated Power: Million British Thermal Units per hour (MMBtu/hr)

87. Construction Date: 88. Operating hours: hr/day hr/yr

89. Stack Height from Ground: (ft) 90. Exit Air Flow Rate (acfm)

WATER HEATER FUEL DESCRIPTION AND SPECIFICATIONS

91. Fuel Type: Diesel Fuel (gal/hr) Natural Gas (cf/hr) Propane (cf/hr) 92. Sulfur Content % wt (if diesel) 0.0015%

WATER HEATER/BOILER SPECIFICATIONS NO. 2

93. Type of Unit: New Unit Unpermitted Existing Unit Transfer from current Permit

94. Boiler ID Number: 95. Rated Power: Million British Thermal Units per hour (MMBtu/hr)

96. Construction Date: 97. Operating hours: hr/day hr/yr

98. Stack Height from Ground: (ft) 99. Exit Air Flow Rate (acfm)

WATER HEATER FUEL DESCRIPTION AND SPECIFICATIONS NO. 2

100. Fuel Type: Diesel Fuel (gal/hr) Natural Gas (cf/hr) Propane (cf/hr) 101. Sulfur Content % wt (if diesel) 0.0015%

LOADOUT AND FUGITIVE CONTROL EFFICIENCIES

102. Loadout Control Efficiency: Truck: 95% (shroud or equivalent) 99% (Baghouse) 99% (shroud w/ water ring)
Central: 99% (Must be routed to baghouse)

103. Fugitive Dust Control Efficiency: 75% (Typical Best management Practices)
 95% (Mandatory control of aggregate piles with 3-sided bunkers, covered and use of dust suppressant when pile is not being used)

TRANSFER POINTS

104. Number of Transfer Points What is the total number of transfer points at the facility? 3

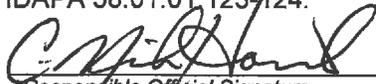
OPERATING HOURS

105. Operating hours of plant Enter the maximum daily hours of operation 24 Daylight hours only? Yes No

* If engine is Tier certified 1, 2, 3, or 4 and subject to emission standards within 40 CFR 89 or 40 CFR 1039 attach as part of this application the engine manufacturer's EPA Tier 1, Tier 2, Tier 3 or Tier 4 Exhaust Emission Compliance Statement.

PERF Form is completed, signed and attached (only if a portable source)

Certification of Truth, Accuracy, and Completeness (by Responsible Official, as defined in IDAPA 58.01.01.006) I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.


Responsible Official Signature

C. MIKE NORROCKS
Print or Type Responsible Official Name

OWNER
Responsible Official Title

11/11/13
Date



DEQ AIR QUALITY PROGRAM
 1410 N. Hilton, Boise, ID 83706
 For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

AIR PERMIT APPLICATION

Revision 6
 10/7/09

For each box in the table below, CTRL+click on the blue underlined text for instructions and information.

IDENTIFICATION

1. Company Name: Pocatello Ready Mix, Inc.	2. Facility Name: American Falls Ready Mix
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3. Brief Project Description: **New Ready Mix Batch Plant - NO FEDERAL REGULATIONS APPLY**

APPLICABILITY DETERMINATION

4. List applicable subparts of the New Source Performance Standards (NSPS) (40 CFR part 60). Examples of NSPS affected emissions units include internal combustion engines, boilers, turbines, etc. The applicant must thoroughly review the list of affected emissions units.	List of applicable subpart(s): <input checked="" type="checkbox"/> Not Applicable
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5. List applicable subpart(s) of the National Emission Standards for Hazardous Air Pollutants (NESHAP) found in 40 CFR part 61 and 40 CFR part 63 . Examples of affected emission units include solvent cleaning operations, industrial cooling towers, paint stripping and miscellaneous surface coating. EPA has a web page dedicated to NESHAP that should be useful to applicants.	List of applicable subpart(s): <input checked="" type="checkbox"/> Not Applicable
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6. For each subpart identified above, conduct a complete a regulatory analysis using the instructions and referencing the example provided on the following pages. Note - Regulatory reviews must be submitted with sufficient detail so that DEQ can verify applicability and document in legal terms why the regulation applies. Regulatory reviews that are submitted with insufficient detail will be determined incomplete.	<input type="checkbox"/> A detailed regulatory review is provided (Follow instructions and example). <input type="checkbox"/> DEQ has already been provided a detailed regulatory review. Give a reference to the document including the date.
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IF YOU ARE UNSURE HOW TO ANSWER ANY OF THESE QUESTIONS, CALL THE AIR PERMIT HOTLINE AT 1-877-5PERMIT

It is emphasized that it is the applicant's responsibility to satisfy all technical and regulatory requirements, and that DEQ will help the applicant understand what those requirements are prior to the application being submitted but that DEQ will not perform the required technical or regulatory analysis on the applicant's behalf.

Mike,

I have reviewed the information you sent me and performed some analyses to evaluate potential impacts from operations at the facility. Provided the information you provided is accurate and complete (no other emissions sources such as diesel generators or boilers), no additional modeling analyses will be required. You may still have other permitting requirements and you should coordinate those through Bill Rogers of DEQ.

When you submit your permit application, please provide a copy of this email as proof that the requirements for demonstrating compliance with air quality standards has been met.

Thank you,

Kevin Schilling

Stationary Source Air Modeling Coordinator

Idaho Department of Environmental Quality

208 373-0112

From: mike horrocks [mailto:4concrete@gmx.com]

Sent: Friday, October 12, 2012 9:19 AM

To: Kevin Schilling

Subject: Re: air modeling analyses for permit application

Kevin, I have enclosed the requested information. That area currently uses about 4000 cu. yds per year and operates from May through November. It has been at these levels for the past 10 years and we see no major change in the future. -mh

----- Original Message -----

From: Kevin.Schilling@deq.idaho.gov

Sent: 10/11/12 03:30 PM

To: 4concrete@gmx.com

Subject: air modeling analyses for permit application

Mike,

The first thing I need to perform the analyses is information completed in the attached permit forms. Also, please complete information in the data input page of the excel spreadsheet.

Thank you,

Kevin Schilling

Stationary Source Air Modeling Coordinator

Idaho Department of Environmental Quality

208 373-0112