055-00125 PROJ 61673 $1000.00 Rcvd Pd 2/17/16
500.00 Rcvd

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

General Concrete Batch Plant **Form GCBP**
Revision 6
1/19/12

RECEIVED
FEB 19 2016
DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE AQ PROGRAM

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: Cd'A Redi Mix
2. Facility Name (if different than #1):

FACILITY INFORMATION

3. Primary Facility Permit Contact Person/Title: Craig Cozad, President
4. Telephone Number and Email Address: 208-691-4241 craigc@cdapaving.com
5. Alternate Facility Contact Person/Title: Phill Weist, Estimator
6. Telephone Number and Email Address: 208-661-3272 phillw@cdapaving.com
7. Address to which permit should be sent: 120 E. Anton Ave
8. City/State/Zip/county: Coeurd'Alene, ID Kootenai
9. Equipment Location Address (if different than #8): 1019 N. Beck Road
10. City/State/Zip/county: Post Falls, ID 83854
11. Is the Equipment Portable? ☐ Yes ☒ No

CONCRETE BATCH PLANT

12. Proposed Initial Plant Location: 1019 N. Beck Road
13. Nearest City: Postfalls
14. County: Kootenai
15. Estimated Startup Date: 4-15-16
16. Reason for Application:
    - ☒ Permit to construct a new source
    - ☐ Permit to operate an existing unpermitted source
    - ☐ Permit to modify/revise an existing permitted source (identify the permit below)

    Permit No.:
    Issue Date:
    Facility ID:
    Terminate Current Permit: ☐ Yes ☐ No
17. Permit Draft Review: ☒ Yes ☐ No

CONCRETE BATCH PLANT SPECIFICATIONS

18. Manufacturer: Con-E-Co
19. Model: Lo-Pro 12
20. Manufacture Date:
21. Loadout Type: ☒ Truck ☐ Central
22. Rated Capacity: 220 (cy/hr) (cy/day) (cy/yr)
23. Daily Throughput Options: ☐ 500 cy ☐ 1000 cy ☒ 1500 cy ☐ 2500 cy (Select only one (1))

CEMENT STORAGE SILO BAGHOUSE

24. Manufacturer: Con-E-Co
25. Model: PJC-3005
26. Stack Height from Ground: 32 (ft)
27. Exit Air Flow Rate (acfm) 850
28. Stack Inside Diameter:* .92 (ft)
29. Bag Dimensions** 8 (# bags) .67 ft x 3.2 ft
30. Stack Release Orientation: ☒ Horizontal ☐ Vertical w/ rain cap ☐ Unrestricted Vertical (Select only one (1))

* DISCHARGE AREA IS (2) 11/16" x 48" SLOTS + (2) 5/8" x 30" SLOTS WITH TOTAL AREA OF .67 FT²

** FILTER ELEMENTS ARE CARTRIDGES WITH EFF. AREA OF 38FT²

CEMENT STORAGE SILO BAGHOUSE NO. 2

31. Manufacturer:	CON-E-CO	32. Model	PJ-300S
33. Stack Height from Ground:	51 (ft)	34. Exit Air Flow Rate	(acfm) 850
35. Stack Inside Diameter:	.92 (ft)	36. Bag Dimensions	8 (# bags) .67 ft x 3.2 ft

37. Stack Release Orientation: ☒ Horizontal ☐ Vertical w/ rain cap ☐ Unrestricted Vertical (Select only one (1))

CEMENT SUPPLEMENT (FLYASH) STORAGE BAGHOUSE

38. Manufacturer:	CON-E-CO	39. Model	PJ-300S
40. Stack Height from Ground:	51 (ft)	41. Exit Air Flow Rate	(acfm) 850
42. Stack Inside Diameter:	.92 (ft)	43. Bag Dimensions	8 (# bags) .67 ft x 3.2 ft

44. Stack Release Orientation: ☒ Horizontal ☐ Vertical w/ rain cap ☐ Unrestricted Vertical (Select only one (1))

CEMENT SUPPLEMENT (FLYASH) STORAGE BAGHOUSE NO. 2

45. Manufacturer:	CON-E-CO	46. Model	PJ-300S
47. Stack Height from Ground:	51 (ft)	48. Exit Air Flow Rate	(acfm) 850
49. Stack Inside Diameter:	.92 (ft)	50. Bag Dimensions	8 (# bags) .67 ft x 3.2 ft

51. Stack Release Orientation: ☒ Horizontal ☐ Vertical w/ rain cap ☐ Unrestricted Vertical (Select only one (1))

WEIGH BATCHER BAGHOUSE(S)

52. Manufacturer:	CON-E-CO	53. Model	BV-14
54. Stack Height from Ground:	21 (ft)	55. Exit Air Flow Rate	180 (acfm)
56. Stack Inside Diameter:***	.65 (ft)	57. Bag Dimensions	14 (# bags) .38 ft x 1.33 ft

58. Stack Release Orientation: ☐ Horizontal ☐ Vertical w/ rain cap ☐ Unrestricted Vertical (Select only one (1))

INTERNAL COMBUSTION ENGINE SPECIFICATIONS

59. Type of Unit: ☐ New Unit ☐ Unpermitted Existing Unit ☐ 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: N/A	63. Brake horsepower: horsepower (bhp)	64. Certification:	Tier: Select One*
65. Construction Date:	66. Does your engine have an oxidation catalyst?		☐ Yes ☐ No

67. If your engine has a 500 HP or greater and older than July 11, 2005 select one of the following: ☐ CPMS ☐ CEMS

68. Stack Height from Ground:	(ft)	69. Exit Air Flow Rate	(acfm)

INTERNAL COMBUSTION ENGINE FUEL DESCRIPTION AND SPECIFICATIONS

70. Fuel Type:	☐ Diesel Fuel (gal/hr) ☐ Natural Gas (cf/hr)	71. Sulfur Content % wt (if diesel)	0.0015%

INTERNAL COMBUSTION ENGINE SPECIFICATIONS NO. 2

72. Type of Unit: ☐ New Unit ☐ Unpermitted Existing Unit ☐ 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: N/A	76. Brake horsepower: horsepower (bhp)	77. Certification:	Tier: Select One*
78. Construction Date:	79. Does your engine have an oxidation catalyst?		☐ Yes ☐ No
80. Stack Height from Ground:	(ft)	81. Exit Air Flow Rate	(acfm)

*** DISCHARGE AREA (2) 2" x 12" SLOTS WITH TOTAL AREA .33 FT²

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:	2.76 Million British Thermal Units per hour (MMBtu/hr)
87. Construction Date:		88. Operating hours:	6 hr/day 1250 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 ☒ Propane	(gal/hr) (cf/hr)	☐ Natural Gas	(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: N/A		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 ☐ Propane	(gal/hr) (cf/hr)	☐ Natural Gas (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 3	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	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	President *Responsible Official Title*	2-15-16 *Date*
Craig Cozad *Print or Type Responsible Official Name*		