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DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE A.Q. PROGRAM

December 15, 2021

Idaho DEQ – Air Quality Division
1410 N Hilton
Boise, ID 83706-1255

Idaho DEQ:

Please find enclosed a Form GI and a Form GCBP to permit a mobile concrete batch plant near Jerome, Idaho. We are participating in another project that serves to expand an existing dairy facility (this is a second permit to the one requested on November 15, 2021).

Please be aware that if a meeting is needed, we will have people in and out of Idaho at various times as we familiarize ourselves with the project. Alternatively, we can always coordinate a conference call. Please feel free to contact me at 480-226-4119, or via my email at kkorinek@pwfeenstra.com - if you need anything during the process.

Another point of contact for your reference is Darryl Van Grouw. He currently works and resides in Idaho and will be responsible for the batch plant operation referenced in the enclosed forms. He can be reached at 208-860-6816 or via email at dvangrouw@pwfeenstra.com.

Thanks for your help.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kreg Korinek", is written over a white background.

Kreg Korinek, CFO
P. W. Feenstra Construction, Inc.
Email: kkorinek@pwfeenstra.com
480-226-4119

P.W. Feenstra Construction, Inc.
18521 E. Queen Creek Rd, Ste 105-480 Queen Creek, AZ 85142
480-988-3449

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Check #50742

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

FACILITY AND PERMIT INFORMATION

1. Facility Name: <i>Double A Dairy</i>		2. Facility ID Number: New	
3. Brief Project Description: Construction project for the expansion of a dairy facility located near Jerome, ID.			
4. Facility Contact Name: Darryl Van Grouw		5. Facility Contact Title: Batch Plant Supervisor	
6. Facility Contact Telephone Number: 208-860-6816		7. Facility Contact Email: dvangrouw@pwteensra.com	
8. Mailing address where permit will be sent (street/city/state/zip code): 18521 E Queen Creek Road, Ste 105-480 Queen Creek, AZ 85142		9. Physical address of facility (if different than mailing address) (street/city/state/zip code): <i>350 E 400 N Jerome, ID 83338</i>	
10. County Facility is located <i>Lincoln</i>			
11. Is the equipment portable? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes			
12. NAICS codes Primary NAICS: 2362		Secondary NAICS (if applicable):	
13. Brief business description and principal product produced: <i>Selling a cubic yard of concrete. Selling by cubic yard.</i>			
14. Describe any contiguous or adjacent facility this company owns or operates: <i>None.</i>			
15. Permit Application Type. Provide Permit Number for existing permit. For a PTC, an application fee is required.		<input checked="" type="checkbox"/> Initial Permit to Construct (PTC) <input type="checkbox"/> PTC Modification	
		<input checked="" type="checkbox"/> Initial Tier II <input type="checkbox"/> Tier II Modification <input type="checkbox"/> Tier II Renewal	
		<input type="checkbox"/> Initial Tier I <input type="checkbox"/> Tier I Administrative Amendment <input type="checkbox"/> Tier I Minor Modification <input type="checkbox"/> Tier I Significant Modification <input type="checkbox"/> Tier I Renewal	
16. For Tier I permitted facilities only: If you are applying for a PTC then you must specify how the PTC will be incorporated into the Tier I permit.		<input type="checkbox"/> Incorporate PTC at the time of Tier I renewal (IDAPA 58.01.01.209.05.a) <input type="checkbox"/> Co-process PTC with Tier I Modification (IDAPA 58.01.01.209.05.b) <input type="checkbox"/> Administrative amend the Tier I to incorporate PTC upon applicant's request (IDAPA 58.01.01.209.05.c)	
17. <input type="checkbox"/> Check here to request facility draft permit before final issuance.			
18. <input type="checkbox"/> Check here to request a permit hand-off meeting.			

Certification of Truth, Accuracy, and Completeness (by Responsible Official)

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.

[Signature]
 Responsible Official Signature

Batch Plant Supervisor
 Responsible Official Title

12/1/2021
 Date

Darryl Van Grouw
 Print or Type Responsible Official Name



Please see instructions on pages 4-7 before filling out the form.

1. Company Name <u>P. W. Feenstra Construction</u>	2. Facility Name: <u>Double A Dairy</u>
3. Project Description (provide a complete description of the equipment or activity being permitted): <u>Portable concrete plant set up to produce concrete for a dairy expansion</u>	

GENERAL INFORMATION

4. Proposed Location of the Concrete Batch Plant (CBP) and other plant details:

Not portable, will remain at one location. Note: Please include a specific location (location address, UTM coordinates, Section, Township, Range, etc.) and a plot plan of the proposed location, including boundaries, structures, and emissions points, on a separate sheet.

Portable throughout the entire state of Idaho.

If portable, will the CBP plant stay at one location for more than 12 months? Yes No (Note: The permit will limit operation to 12 months at any one pit.)

Has this CBP been previously permitted? Yes (provide details) No in other states

Will the facility use electrical line power (no IC engines powering generators)? Yes (IC engines sections below may be skipped) No

Will the facility use IC engines to generate electricity? Yes (complete the IC engine sections below) No

Will the facility produce concrete at the same time as when aggregate is being crushed at the facility? Yes (provide details) No

Selecting either of the following options will result in a smaller required set-back distance from the property line:

Will the facility produce concrete on a seasonal basis? Yes (Note: operation will be limited between April 1st and November 30th) No

If two IC engines are used at the facility to provide electricity, will they need to be operated simultaneously? Yes No (larger set-back)

5. Manufacturer: Con-e-co 6. Model: Lo-Pro 327D 7. Date Manufactured: 11/18/18

8. Loadout Type (check one): Truck Mix Central Mix 9. Number of Transfer Points: 1

10. Rated Production Capacity: 150 yd³/hr 1,200 yd³/day 30,000 yd³/yr

11. Proposed Throughput Limitations: 2,000 yd³/day 35,000 yd³/yr Note: These concrete production limits will be placed in the permit.

12. Concrete Loadout Controls: Truck Mix w/ Shroud Truck Mix w/ Water Ring Truck Mix w/ Baghouse Central Mix w/ Baghouse

13. Fugitive Dust Controls: Best Management Practices (BMPs) Control of aggregate piles with covered three-sided bunkers and the use of dust suppressants when the aggregate piles are not being used

TRUCK LOADOUT BAGHOUSE SPECIFICATIONS (If Applicable)

14. Manufacturer: _____ 15. Model: _____ N/A

16. Rated Flow rate: _____ acfm 17. PM₁₀ Control Efficiency: _____ %

18. Exhaust Diameter or Dimensions (L x W): _____ in 19. Exhaust Discharge Height (from ground): _____ ft

20. Exhaust Orientation: Vertical (unobstructed upward) Vertical (obstructed upward) Vertical (unobstructed downward) Horizontal

WEIGH BATCHER BAGHOUSE SPECIFICATIONS

21. Manufacturer: Con-e-co 22. Model: BV-14

23. Rated Flow rate: 180 acfm 24. PM₁₀ Control Efficiency: 99.9 %

25. Exhaust Diameter or Dimensions (L x W): 272" x 12" slots in 26. Exhaust Discharge Height (from ground): 17 ft

27. Exhaust Orientation: Vertical (unobstructed upward) Vertical (obstructed upward) Vertical (unobstructed downward) Horizontal

CEMENT STORAGE SILO BIN VENT FILTER/BAGHOUSE SPECIFICATIONS

28. Manufacturer: Con-E-Co 29. Model: PJC-300 30. Silo Storage Capacity: 83 yd³
31. Rated Flow rate: 1500 acfm 32. PM₁₀ Control Efficiency: 99.9 %
33. Exhaust Diameter or Dimensions (L x W): 8-15/16" X 15-13/16" in 34. Exhaust Discharge Height (from ground): 18 ft
35. Exhaust Orientation: Vertical Upward (unobstructed) Vertical Downward (obstructed) Vertical Downward (unobstructed) Horizontal

SECOND CEMENT STORAGE SILO BIN VENT FILTERS/BAGHOUSE SPECIFICATIONS (If Applicable)

36. Manufacturer: _____ 37. Model: _____ 38. Silo Storage Capacity: _____ yd³
39. Rated Flow rate: _____ acfm 40. PM₁₀ Control Efficiency: _____ %
41. Exhaust Diameter or Dimensions (L x W): _____ in 42. Exhaust Discharge Height (from ground): _____ ft
43. Exhaust Orientation: Vertical Upward (unobstructed) Vertical Downward (obstructed) Vertical Downward (unobstructed) Horizontal

FLY ASH STORAGE SILO BIN VENT FILTERS/BAGHOUSE SPECIFICATIONS

44. Manufacturer: Con-E-Co 45. Model: PJC-300 46. Silo Storage Capacity: 68 yd³
47. Rated Flow rate: 1060 acfm 48. PM₁₀ Control Efficiency: 99.9 %
49. Exhaust Diameter or Dimensions (L x W): 8-15/16" X 15-13/16" in 50. Exhaust Discharge Height (from ground): 18 ft
51. Exhaust Orientation: Vertical Upward (unobstructed) Vertical Downward (obstructed) Vertical Downward (unobstructed) Horizontal

SECOND FLY ASH STORAGE SILO BIN VENT FILTERS/BAGHOUSE SPECIFICATIONS (If Applicable)

52. Manufacturer: Belgrade Steel Tank Co. 53. Model: 330 sq ft Pulse Jet 54. Silo Storage Capacity: 93.5 yd³
55. Rated Flow rate: 1600 acfm 56. PM₁₀ Control Efficiency: 99.9 %
57. Exhaust Diameter or Dimensions (L x W): _____ in 58. Exhaust Discharge Height (from ground): 25 ft
59. Exhaust Orientation: Vertical Upward (unobstructed) Vertical Downward (obstructed) Vertical Downward (unobstructed) Horizontal

BOILER/WATER HEATER SPECIFICATIONS

60. Manufacturer: Pearson 61. Model: P10-ZOW 62. Date Manufactured: bought 1/27/2014
63. Rated Heat Input: 2.8 M MMBtu/hr 64. Annual Operating Hours: 1000 hrs/yr
65. Fuel combusted: Natural gas/LNG LPG/propane Distillate fuel
If distillate fuel oil (#1, #2, or a mixture) is used, what is the maximum sulfur content? 15 ppm (0.0015% by weight) 500 ppm (0.05% by weight)
66. Exhaust Diameter: 1.0 in 67. Exhaust Discharge Height (from ground): 13 ft 68. Exhaust Temperature: 750 °F
69. Exhaust Orientation: Vertical Upward (unobstructed) Vertical Downward (obstructed) Vertical Downward (unobstructed) Horizontal

SECOND BOILER/WATER HEATER SPECIFICATIONS (If Applicable)

70. Manufacturer: _____ 71. Model: _____ 72. Date Manufactured: N/A
73. Rated Heat Input: _____ MMBtu/hr 74. Annual Operating Hours: _____ hrs/yr
75. Fuel combusted: Natural gas/LNG LPG/propane Distillate fuel
If distillate fuel oil (#1, #2, or a mixture) is used, what is the maximum sulfur content? 15 ppm (0.0015% by weight) 500 ppm (0.05% by weight)
76. Exhaust Diameter: _____ in 77. Exhaust Discharge Height (from ground): _____ ft 78. Exhaust Temperature: _____ °F
79. Exhaust Orientation: Vertical Upward (unobstructed) Vertical Downward (obstructed) Vertical Downward (unobstructed) Horizontal



Section 32, Township 6 South, Range 17 East

The RED SQUARE will be the CBP Location which will include the Truck Loadout Point, Weigh Batchter, and Silos

The BLUE LINE will be the haul road

The ORANGE LINE is the site boundary

