



JUN 03 2016

Philip Verwey
Philip Verwey Farms #2
19765 13th Ave
Hanford, CA 93230

RE: Notice of Final Action - Authority to Construct
Facility Number: C-6817
Project Number: C-1151019

Dear Mr. Verwey:

The Air Pollution Control Officer has issued the Authority to Construct permit to Philip Verwey Farms #2 for the increase in your herd profile from 4,800 milk cows, 5,760 mature cows (milk and dry cows combined), and 5,184 support stock (10,944 total head) to 10,000 milk cows, 12,000 mature cows (milk and dry cows combined), and 7,508 support stock (19,508 total head), at 19765 13th Ave, Hanford. Enclosed are the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on April 12th, 2016. The District's analysis of the proposal was also sent to CARB on April 7th, 2016. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

Mr. Philip Verwey
Page 2

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas at (559) 230-6000.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:JY

Enclosures

cc: Tung Le, CARB (w/enclosure) via email

Blythe Romo
Innovative Ag Services, LLC
1201 Lacey Blvd, Suite 5
Hanford, CA 93230

AUTHORITY TO CONSTRUCT

PERMIT NO: C-6817-2-4

ISSUANCE DATE: 05/19/2016

LEGAL OWNER OR OPERATOR: PHILIP VERWEY FARMS #2

MAILING ADDRESS: 19765 13TH AVE
HANFORD, CA 93230

LOCATION: 19765 13TH AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF COW HOUSING - 4,800 MILK COWS NOT TO EXCEED A COMBINED TOTAL OF 5,760 MATURE COWS (MILK AND DRY); 5,184 SUPPORT STOCK (HEIFERS, CALVES, AND BULLS); AND 10 FREESTALLS WITH FLUSH/SCRAPE SYSTEM: INCREASE HERD TO 10,000 MILK COWS NOT TO EXCEED A COMBINED TOTAL OF 12,000 MATURE COWS (MILK AND DRY); 7,508 TOTAL SUPPORT STOCK (HEIFERS, CALVES, AND BULLS)

CONDITIONS

1. This Authority to Construct (ATC) cancels and supersedes ATC C-6817-2-3. [District Rule 2201]
2. Authorities to Construct (ATC) C-6817-3-3, '-4-2, and '-5-2 shall be implemented concurrently with this Authority to Construct. [District Rule 2201]
3. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
4. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
5. If a licensed veterinarian or a certified nutritionist determines that any VOC mitigation measure will be required to be suspended as a detriment to animal health or necessary for the animal to molt, the owners/operators must notify the District in writing within forty-eight (48) hours of the determination including the duration and the specific health condition requiring the mitigation measure to be suspended. If the situation is expected to exist longer than a thirty-day (30) period, the owner/operator shall submit a new emission mitigation plan designating a mitigation measure to be implemented in lieu of the suspended mitigation measure. [District Rule 4570]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

for 

Arnaud Marjollet, Director of Permit Services
C-6817-2-4 May 19 2016 8:25AM - YOSHIMU Joint Inspection NOT Required

6. Milk cows shall be housed in freestall barns. [District Rule 2201]
7. The freestall and corral feed lanes and walkways at this dairy shall be constructed of concrete. [District Rule 2201]
8. The feed lanes and walkways for mature cows at this dairy shall be flushed and/or scraped at least four times per day. The feed lanes and walkways for support stock at this dairy shall be flushed and/or scraped at least once per day. [District Rules 2201 and 4570]
9. Permittee shall keep records or maintain an operating plan that requires the feed lanes and walkways for mature cows to be flushed and or scraped at least four times per day and the feed lanes and walkways for support stock to be flushed and or scraped at least once per day. [District Rule 2201]
10. All animals at this dairy shall be fed in accordance with the National Research Council (NRC) guidelines utilizing routine dairy nutritionist analyses of rations. [District Rule 2201]
11. Permittee shall maintain records of feed content, formulation, and quantity of feed additive utilized, to demonstrate compliance with National Research Council (NRC) guidelines. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this requirement. [District Rule 2201]
12. Open corrals shall be scraped at least once every other week using a pull-type scraper in the morning hours, except when this is prevented by wet conditions. [District Rule 2201]
13. Permittee shall maintain records of dates open corrals and exercise pens are scraped. [District Rule 2201]
14. Open corrals at this dairy shall be equipped with at least one shade structure. [District Rule 2201]
15. Shade structures shall be installed in any of the following ways: 1) constructed with a light permeable roofing material; 2) uphill of any slope in the corral; 3) installed so that the structure has a North/South orientation. OR Permittee shall clean manure from under corral shades at least once every fourteen (14) days, when weather permits access into the corral. [District Rules 2201 and 4570]
16. If permittee has selected to comply using shades constructed with a light permeable roofing material, then permittee shall maintain records, such as design specifications, demonstrating that the shade structures are equipped with such roofing material or if Permittee has selected to comply by cleaning the manure from under the corral shades, then Permittee shall maintain records demonstrating that manure is cleaned from under the shades at least once every fourteen (14) days, as long as weather permits access to corrals. [District Rules 2201 and 4570]
17. Permittee shall implement at least one of the following corral mitigation measures: 1) slope the surface of the corrals at least 3% where the available space for each animal is 400 square feet or less and shall slope the surface of the corrals at least 1.5% where the available space for each animal is more than 400 square feet per animal; 2) maintain corrals to ensure proper drainage preventing water from standing more than forty-eight hours; or 3) harrow, rake, or scrape pens sufficiently to maintain a dry surface except during periods of rainy weather. [District Rules 2201 and 4570]
18. Permittee shall either 1) maintain sufficient records to demonstrate that corrals are maintained to ensure proper drainage preventing water from standing for more than forty-eight hours or 2) maintain records of dates corrals are groomed (i.e., harrowed, raked, or scraped, etc.). [District Rules 2201 and 4570]
19. At least one of the feedings of the heifers at this dairy shall be near (within one hour of) dusk. [District Rule 2201]
20. Permittee shall flush, scrape or vacuum freestall lanes immediately prior to, immediately after or during each milking. [District Rules 2201 and 4570]
21. Permittee shall maintain records sufficient to demonstrate that freestall lanes are flushed, scraped or vacuumed immediately prior to, immediately after or during each milking. [District Rules 2201 and 4570]
22. Permittee shall pave feedlanes, where present, for a width of at least 8 feet along the corral side of the feedlane fence for milk and dry cows and at least 6 feet along the corral side of the feedlane for heifers. [District Rules 2201 and 4570]
23. Permittee shall use non-manure-based bedding and non-separated solids based bedding for at least 90% of the bedding material, by weight, for freestalls (e.g. rubber mats, almond shells, sand, or waterbeds). [District Rules 2201 and 4570]
24. Permittee shall inspect water pipes and troughs and repair leaks at least once every seven (7) days. [District Rules 2201 and 4570]

CONDITIONS CONTINUE ON NEXT PAGE

25. Permittee shall maintain records demonstrating that water pipes and troughs are inspected and leaks are repaired at least once every seven (7) days. [District Rules 2201 and 4570]
26. Permittee shall clean manure from corrals at least four (4) times per year with at least sixty (60) days between each cleaning, or permittee shall clean corrals at least once between April and July and at least once between September and December. [District Rules 2201 and 4570]
27. Permittee shall demonstrate that manure from corrals are cleaned at least four (4) times per year with at least sixty (60) days between each cleaning or demonstrate that corrals are cleaned at least once between April and July and at least once between September and December. [District Rules 2201 and 4570]
28. Permittee shall either 1) maintain sufficient records to demonstrate that corrals are maintained to ensure proper drainage preventing water from standing for more than forty-eight hours or 2) maintain records of dates pens are groomed (i.e., harrowed, raked, or scraped, etc.). [District Rules 2201 and 4570]
29. Permittee shall sprinkle water over at least 48% of area of the unpaved area of the heifer corrals. Sprinkling rate shall match with the local wet soil evaporation rate (70-80% of the local wet pan evaporation rate) to keep sufficient moisture content in the surface of the corrals. Sprinkling of corrals is not required during wet conditions. [District Rule 2201]
30. Sprinklers or water trucks shall be designed to spray the corrals uniformly to prevent inconsistent distribution of water. [District Rule 2201]
31. Permittee shall maintain records of the daily local evaporation rate/soil evaporation rate and the amount of water (inches or cm) applied to the corral surface. Records of sprinkler run time and flow rate may be used to satisfy this requirement. [District Rule 2201]
32. Permittee shall manage corrals such that the manure depth in the corral does not exceed twelve (12) inches at any time or point, except for in-corral mounding. Manure depth may exceed 12 inches when corrals become inaccessible due to rain events. However, permittee must resume management of the manure depth of 12 inches or lower immediately upon the corral becoming accessible. [District Rules 2201 and 4570]
33. Permittee shall measure and document the depth of manure in the corrals at least once every ninety (90) days. [District Rules 2201 and 4570]
34. Permittee shall maintain a record of the number of animals of each species and production group at the facility and shall maintain quarterly records of any changes to this information. [District Rules 2201 and 4570]
35. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
36. Permittee shall keep and maintain all records for a minimum of five (5) years and shall make records available to the APCO and EPA upon request. [District Rule 4570]