



OCT 31 2016

Stephen Gemperle
Barnhart Ranch
10218 Lander Ave
Turlock, CA 95380

RE: Notice of Final Action - Authority to Construct
Facility Number: N-9091
Project Number: N-1143814

Dear Mr. Gemperle:

The Air Pollution Control Officer has issued the Authority to Construct permits to Barnhart Ranch for expansion of an existing egg laying hen ranch from 317,000 laying hens in one poultry house to 1,326,695 laying hens in four poultry houses, at 718 Barnhart Rd, Ceres, CA. Enclosed are the Authority to Construct permits 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 permits was published on September 20, 2016. The District's analysis of the proposal was also sent to CARB on September 20, 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

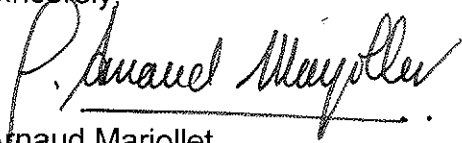
Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Arnaud Marjollet". The signature is written in a cursive style and is positioned above a horizontal line.

Arnaud Marjollet
Director of Permit Services

AM:rn

Enclosures

cc: Tung Le, CARB (w/enclosure) via email
Michael Gemperle, Gemperle Family Farms, 10218 Lander Ave, Turlock, CA 95380



Facility # N-9091
BARNHART RANCH
10218 LANDER AVE
TURLOCK, CA 95380

AUTHORITY TO CONSTRUCT (ATC)

QUICK START GUIDE

1. **Pay Invoice:** Please pay enclosed invoice before due date.
2. **Fully Understand ATC:** Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.
3. **Follow ATC:** You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.
4. **Notify District:** You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department. A startup inspection may be required prior to receiving your Permit to Operate.
5. **Source Test:** Schedule and perform any required source testing. See http://www.valleyair.org/busind/comply/source_testing.htm for source testing resources.
6. **Maintain Records:** Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for at least 5 years. Sample record keeping forms can be found at http://www.valleyair.org/busind/comply/compliance_forms.htm.

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

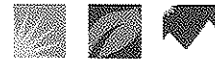
For assistance, please contact District Compliance staff at any of the telephone numbers listed below.

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

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



AUTHORITY TO CONSTRUCT

PERMIT NO: N-9091-1-1

ISSUANCE DATE: 10/26/2016

LEGAL OWNER OR OPERATOR: BARNHART RANCH
MAILING ADDRESS: 10218 LANDER AVE
TURLOCK, CA 95380

LOCATION: 718 BARNHART RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 317,000 LAYING HEN RANCH CONSISTING OF ONE MECHANICALLY VENTILATED POULTRY HOUSE, INCLUDING ELECTRIC FANS TOTALING 57 HP; INCREASE THE PERMITTED CAPACITY FROM 317,000 LAYING HENS TO 1,326,695 LAYING HENS BY CONSTRUCTING THREE NEW MECHANICALLY VENTILATED CAGE-FREE AVIARY LAYING HEN HOUSES, EACH WITH A CAPACITY FOR 366,000 HENS; IMPLEMENT MITIGATION MEASURES FOR COMPLIANCE WITH DISTRICT RULE 4570

CONDITIONS

1. 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]
2. 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]
3. 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]
4. 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 Rules 2201 and 4570]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 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

Arnaud Marjollet, Director of Permit Services

N-9091-1-1: Oct 26 2016 2:59PM - NORMANR - Joint Inspection NOT Required

5. Particulate matter emissions from each poultry house shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. The maximum number of hens kept onsite at any time shall not exceed 1,326,695. [District Rule 2201]
7. No more than 317,000 hens shall be kept in the enriched-colony hen house at any time. [District Rule 2201]
8. Maximum daily emissions from the enriched colony hen house shall not exceed any of the following limits: 29.4 lb-PM10/day (or 0.042 g-PM10/bird-day), 13.0 lb-VOC/day (or 0.0186 g-VOC/bird-day), or 279.5 lb-NH3/day (or 0.40 g-NH3/bird-day). [District Rule 2201]
9. Annual missions from the enriched colony hen house shall not exceed any of the following limits: 0.00882 lb-PM10/bird-year, 0.015 lb-VOC/bird-year, or 0.13 lb-NH3/bird-year. [District Rule 2201]
10. No more than 366,000 hens shall be kept in each of the three cage-free aviary hen houses at any time. [District Rule 2201]
11. The three cage-free aviary hen houses shall utilize fabric filters or barriers made of shade cloth or similar material designed to reduce particulate matter (PM) emissions from the exhaust fans. [District Rule 2201]
12. Fabric filters or barriers used to reduce particulate matter (PM) emissions from the exhaust fans shall be inspected on a quarterly basis. The filters/barriers shall be inspected thoroughly for rips, tears, holes, or any evidence of structural failures that result in excessive PM leaks and shall be repaired or replaced as needed. [District Rule 2201]
13. Records of inspections, maintenance, repair, and replacement of the filters/barriers used to reduce PM emissions from the exhaust fans shall be maintained. The records shall include the dates of inspections and a description of any corrective actions taken. [District Rule 2201]
14. Maximum daily emissions from each cage-free aviary hen house shall not exceed any of the following limits: 8.3 lb-PM10/day (or 0.0103 g-PM10/bird-day), 15.0 lb-VOC/day (or 0.0186 g-VOC/bird-day), or 419.6 lb-NH3/day (or 0.52 g-NH3/bird-day). [District Rule 2201]
15. Annual emissions from each cage-free aviary hen house shall not exceed any of the following limits: 0.00829 lb-PM10/bird-year, 0.015 lb-VOC/bird-year, or 0.24 lb-NH3/bird-year. [District Rule 2201]
16. Each poultry house shall be completely enclosed and mechanically ventilated with evaporative cooling pads, fans, and a computer control system. [District Rule 2201]
17. Each poultry house shall be equipped with a belt manure drying and removal system with manure removal at least twice per week. [District Rule 2201]
18. Permittee shall maintain records of dates manure is removed from each poultry house. [District Rule 2201]
19. All mortality in each poultry house shall be removed at least once per day. [District Rule 2201]
20. Permittee shall maintain daily records of mortality removal in each poultry house. [District Rule 2201]
21. Permittee shall feed all animals according to National Research Council (NRC) guidelines. [District Rules 2201 and 4570]
22. 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 Rules 2201 and 4570]
23. Permittee shall use drinkers that do not drip continuously. [District Rules 2201 and 4570]
24. Permittee shall inspect water pipes and drinkers and repair leaks daily. [District Rules 2201 and 4570]
25. Permittee shall maintain records indicating that water pipes and drinkers are inspected daily, and that any leaks are repaired. [District Rules 2201 and 4570]
26. Permittee shall feed animals probiotics designed to improve digestion according to manufacturer recommendations. [District Rules 2201 and 4570]

CONDITIONS CONTINUE ON NEXT PAGE

27. Permittee shall maintain records to demonstrate animals are fed probiotics designed to improve digestion. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this requirement. [District Rules 2201 and 4570]
28. Permittee shall feed animals an amino acid supplemented diet. [District Rules 2201 and 4570]
29. Permittee shall maintain records to demonstrate animals are fed an amino acid supplemented diet. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this. [District Rules 2201 and 4570]
30. Permittee shall feed animals additives such as amylase, xylanase, and protease, designed to maximize digestive efficiency. [District Rules 2201 and 4570]
31. Permittee shall maintain records that demonstrate animals are fed feed additives such as amylase, xylanase, and protease. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this. [District Rules 2201 and 4570]
32. Initial source testing to demonstrate compliance with the PM10 emission rate from at least one of the cage-free aviary poultry houses, or a poultry house with a similar design approved by the District, shall be initiated within 365 days after initial start-up of any cage-free aviary poultry house at this facility (i.e. when birds are first placed in any laying hen house). [District Rule 2201]
33. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 60 days prior to any compliance source test and a source test plan shall be submitted to the District for approval by the Permit Services and Compliance Divisions at least 30 days prior to testing. The source test plan shall include a detailed description of how testing will be conducted, the proposed duration of the test, and the methodology to be used. [District Rule 2201]
34. All emission measurements shall be made with the poultry house operating either at conditions representative of normal operations or conditions specified in the Authority to Construct. To the maximum extent possible that still allows for normal operation, emission measurements shall be taken in conditions that represent the maximum emission rates from the poultry house. These conditions shall include, but are not limited to the poultry house being filled at, or near, maximum capacity with a majority of the exhaust fans turned on, and the emission measurements occurring during the summer season (i.e. between June 1 and August 31). [District Rule 2201]
35. The following test methods shall for source testing of PM10 emission rates (filterable and condensable): EPA Method 201 and 202, EPA Method 201a and 202, ARB Method 5 in combination with Method 501, or South Coast Air Quality Management District (SCAQMD) Method 5.1. If it is determined that these test methods are not appropriate to measure the PM10 emissions from this type of operation or other methods are more appropriate, PM10 emissions shall be measured using alternative test method(s) that are approved by the District. [District Rule 2201]
36. The results of the source test shall be submitted to the District within 60 days after completion of the test. [District Rule 1081]
37. Permittee shall maintain monthly records of the number of animals of each species and production group at the facility and records of any changes to this information. [District Rules 2201 and 4570]
38. 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 Rules 2201 and 4570]
39. Issuance of any Authority to Construct (ATC) permit(s) or any construction that results in a further increase in the number of laying hens or poultry houses at this facility such as described in the original proposal for District ATC Project N-1143814, or the District CEQA document prepared for the project shall be treated and analyzed as part of the same project as ATC N-9091-1-1 for New and Modified Source Review (NSR) purposes to ensure that the cumulative emissions from the overall project will not cause or make worse a violation of an Ambient Air Quality Standard. [District Rule 2201 and California Environmental Quality Act]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-9091-2-1

ISSUANCE DATE: 10/26/2016

LEGAL OWNER OR OPERATOR: BARNHART RANCH
MAILING ADDRESS: 10218 LANDER AVE
TURLOCK, CA 95380

LOCATION: 718 BARNHART RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF SOLID MANURE HANDLING SYSTEM CONSISTING OF A MANURE DRYER AND MANURE STOCK PILES; SOLID MANURE APPLICATION TO LAND AND HAULED OFFSITE: ALLOW FOR AN INCREASE IN SOLID MANURE HANDLED AND CONSTRUCT TUNNEL MANURE DRYERS FOR EACH OF THE THREE NEW LAYING HEN HOUSES DUE TO THE FACILITY EXPANSION AUTHORIZED BY AUTHORITY TO CONSTRUCT (ATC) N-9091-1-1; IMPLEMENT MITIGATION MEASURES FOR COMPLIANCE WITH DISTRICT RULE 4570


CONDITIONS

1. 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]
2. 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]
3. 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]
4. Each manure dryer shall utilize exhaust air from the ventilation fans serving the poultry house. Combustible fuel shall not be used as a source of heat for the manure dryers. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

N-9091-2-1 : Oct 26 2016 2:59PM - NORMANR - Joint Inspection NOT Required

5. Within seventy two (72) hours of removal of solid manure from housing, permittee shall either 1) remove all litter/manure from the facility, or 2) cover litter/manure outside the housing with a weatherproof covering from October through May, except for times when wind events remove the covering, not to exceed twenty-four (24) hours per event. [District Rule 4570]
6. Permittee shall keep records of dates when litter/manure is removed from the facility; manure hauling invoices may be used to meet this requirement, or permittee shall maintain records to demonstrate that litter/manure piles outside the houses are covered with a weatherproof covering from October through May. [District Rule 4570]
7. If weatherproof coverings are used, permittee shall maintain records, such as manufacturer warranties or other documentation, demonstrating that the weatherproof covering over dry manure are installed, used, and maintained in accordance with manufacturer recommendations and applicable standards listed in NRCS Field Office Technical Guide Code 313 or 367, or any other applicable standard approved by the APCO, ARB, and EPA. [District Rule 4570]
8. 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]
9. 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]