



AUG 27 2012

Scott Wickstrom
Redtop Jerseys
5638 Columbus Avenue
Hilmar, CA 95324

RE: Notice of Final Action - Authority to Construct
Project Number: C-1095388

Dear Mr. Wickstrom:

The Air Pollution Control Officer has issued Authority to Construct permits to Redtop Jerseys for modification of the permitted herd composition from 4,800 Jersey milk cow (9,447 total head) to 7,200 Jersey milk cows and 1,350 dry cows (8,550 total head), at the existing dairy operation located at 21463 Road 4, Chowchilla, CA.

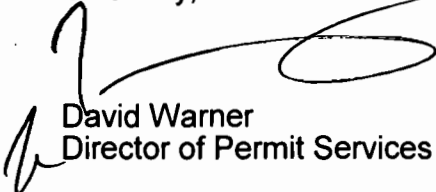
Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on July 13, 2012. The District's analysis of the proposal was also sent to CARB on July 10, 2012. 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.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-5900.

Sincerely,


David Warner
Director of Permit Services

DW:rn

Enclosures

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



AUG 27 2012

Mike Tollstrup, Chief
Project Assessment Branch
Stationary Source Division
California Air Resources Board
PO Box 2815
Sacramento, CA 95812-2815

RE: Notice of Final Action - Authority to Construct
Project Number: C-1095388

Dear Mr. Tollstrup:

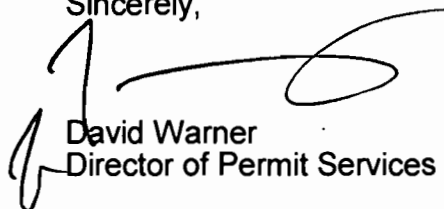
The Air Pollution Control Officer has issued Authority to Construct permits to Redtop Jerseys for modification of the permitted herd composition from 4,800 Jersey milk cow (9,447 total head) to 7,200 Jersey milk cows and 1,350 dry cows (8,550 total head), at the existing dairy operation located at 21463 Road 4, Chowchilla, CA.

Enclosed are copies of 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 this Authority to Construct was published on July 13, 2012. The District's analysis of the proposal was also sent to CARB on July 10, 2012. No comments were received following the District's preliminary decision on this project.

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Tel: 661-392-5500 FAX: 661-392-5585

Madera Tribune

**NOTICE OF FINAL ACTION
FOR THE ISSUANCE OF AUTHORITY
TO CONSTRUCT PERMITS**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to Redtop Jerseys for modification of the permitted herd composition from 4,800 Jersey milk cow (9,447 total head) to 7,200 Jersey milk cows and 1,350 dry cows (8,550 total head), at the existing dairy operation located at 21463 Road 4, Chowchilla, CA.

No comments were received following the District's preliminary decision on this project.

The application review for Project #C-1095388 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the **SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.**



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6831-1-3

ISSUANCE DATE: 08/21/2012

LEGAL OWNER OR OPERATOR: REDTOP JERSEYS LLC
MAILING ADDRESS: 5638 COLUMBUS AVE
HILMAR, CA 95324

LOCATION: 21519 ROAD 4
CHOWCHILLA, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF 4,800 JERSEY COW MILKING OPERATION WITH TWO 72-STALL ROTARY MILKING PARLORS; INCREASE MILK COWS TO 7,200; CONSTRUCT ADDITIONAL 60-STALL ROTARY MILKING PARLOR; AND ADD MITIGATION MEASURES FOR RULE 4570

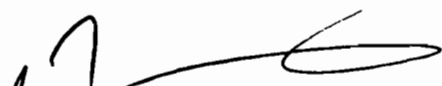
CONDITIONS

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, a certified nutritionist, the California Department of Food and Agriculture (CDFA), or the United States Department of Agriculture (USDA) determines that any VOC mitigation measure (with a Rule 4570 reference) is detrimental to animal health and needs to be suspended, the Permittee 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 2201 and Rule 4570]
4. Permittee shall flush or hose down milk parlors immediately after or during each milking. [District Rules 2201 and 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



DAVID WARNER, Director of Permit Services
C-6831-1-3 Aug 21 2012 2:41PM - NORMANR : Joint Inspection NOT Required

5. Permittee shall provide verification that milk parlors are flushed or hosed down immediately after or during each milking. [District Rules 2201 and 4570]
6. All records shall be kept and maintained for a minimum of five (5) years and shall be made available to the APCO and EPA upon request. [District Rules 1070 and 4570]
7. 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]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6831-2-3

ISSUANCE DATE: 08/21/2012

LEGAL OWNER OR OPERATOR: REDTOP JERSEYS LLC
MAILING ADDRESS: 5638 COLUMBUS AVE
HILMAR, CA 95324

LOCATION: 21519 ROAD 4
CHOWCHILLA, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF COW HOUSING - 4,800 JERSEY MILK COWS, 782 DRY COWS, AND 3,865 LARGE HEIFERS (15-24 MONTHS) HOUSED IN SIX (6) FULL-LENGTH AND TWO (2) HALF-LENGTH FREESTALL BARNs WITH FLUSH SYSTEMS AND NO EXERCISE CORRALS; INCLUDING SPECIAL NEEDS HOUSING: MODIFY HERD SIZE TO 7,200 JERSEY MILK COWS AND 1,350 DRY COWS WITH NO HEIFERS OR CALVES; CONSTRUCT TWO ADDITIONAL FREESTALL BARNs AND ONE COVERED SPECIAL NEEDS BARN; ADD MITIGATION MEASURES FOR 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, a certified nutritionist, the California Department of Food and Agriculture (CDFA), or the United States Department of Agriculture (USDA) determines that any VOC mitigation measure (with a Rule 4570 reference) is detrimental to animal health and needs to be suspended, the Permittee 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 2201 and Rule 4570]
4. The total number of cattle housed at this dairy at any one time shall not exceed any of the following: 7,200 Jersey milk cows and 1,350 dry cows. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-8831-2-3: Aug 21 2012 2:41PM - NORMANR : Joint Inspection NOT Required

5. Milk cows and dry cows shall be housed in freestall barns. [District Rule 2201]
6. The freestall lanes and walkways at this dairy shall be constructed of concrete. [District Rule 2201]
7. Permittee shall pave feedlanes, where present, for a width of at least 8 feet along the side of the feedlane fence where animals are present for milk and dry cows and at least 6 feet along the side of the feedlane fence where animals are present for heifers. [District Rule 4570]
8. The freestall lanes at this dairy shall be flushed at least four times per day. [District Rules 2201 and 4570]
9. Permittee shall maintain an operating plan that requires the freestall lanes to be flushed at least four times per day. [District Rules 2201 and 4570]
10. Permittee shall maintain records sufficient to demonstrate that freestall lanes are flushed at least four times per day. [District Rules 2201 and 4570]
11. There shall be no exercise pens, corrals, or drylots at this dairy. [District Rule 2201]
12. Permittee shall not allow animals in exercise pens, corrals, or drylots at any time. [District Rules 2201 and 4570]
13. Permittee shall maintain an operating plan or provide verification that no animals are allowed in exercise pens, corrals, or drylots at any time. [District Rules 2201 and 4570]
14. Permittee shall feed all animals according to National Research Council (NRC) guidelines. [District Rule 2201]
15. 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]
16. Fence lines shall be inspected to remove any ridges of manure that form under them. [District Rule 2201]
17. Permittee shall maintain weekly records of the number of milk cows and dry cows at this dairy. [District Rule 2201]
18. 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]
19. All records shall be kept and maintained for a minimum of five (5) years and shall be made available to the APCO and EPA upon request. [District Rules 1070 & 4570]
20. 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]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6831-3-3

ISSUANCE DATE: 08/21/2012

LEGAL OWNER OR OPERATOR: REDTOP JERSEYS LLC
MAILING ADDRESS: 5638 COLUMBUS AVE
HILMAR, CA 95324

LOCATION: 21519 ROAD 4
CHOWCHILLA, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF LIQUID MANURE HANDLING SYSTEM CONSISTING OF ONE PROCESSING PIT, ONE DOUBLE SCREEN MECHANICAL SEPARATOR, ONE 700' X 250' X 30' ANAEROBIC TREATMENT LAGOON, ONE 400' X 250' X 30' ANAEROBIC TREATMENT LAGOON, AND ONE 960' X 280' X 30' STORAGE POND. MANURE IS LAND APPLIED THROUGH FLOOD IRRIGATION AND FURROW IRRIGATION: ALLOW INCREASE IN LIQUID MANURE FROM CHANGING HERD SIZE TO 7,200 JERSEY MILK COWS AND 1,350 DRY COWS; CONSTRUCT A SECOND PROCESSING PIT AND DOUBLE-SCREEN MECHANICAL SEPARATOR; ADD MITIGATION MEASURES FOR 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, a certified nutritionist, the California Department of Food and Agriculture (CDFA), or the United States Department of Agriculture (USDA) determines that any VOC mitigation measure (with a Rule 4570 reference) is detrimental to animal health and needs to be suspended, the Permittee 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 2201 and Rule 4570]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services
C-6831-3-3: Aug 21 2012 2:41PM - NORMANR : Joint Inspection NOT Required

4. The lagoon system shall handle flush manure from no more than 7,200 Jersey milk cows and 1,350 dry cows. [District Rule 2201]
5. Permittee shall remove solids with a solid separator system, prior to the manure entering the lagoon(s). [District Rules 2201 and 4570]
6. The lagoon system shall be configured as an anaerobic treatment lagoon system with two anaerobic treatment lagoons designed and operated in accordance with National Resource Conservation Service (NRCS) California Field Office Technical Guide Code 359 - Waste Treatment Lagoon. [District Rule 2201]
7. Permittee shall maintain records of design specifications and calculations for the Anaerobic Treatment Lagoon system in order to demonstrate that the system has been designed and is operating in accordance with the applicable National Resource Conservation Service (NRCS) technical guide. [District Rules 1070 and 2201]
8. Liquid manure used for irrigation of cropland shall only be taken from the storage pond(s)/secondary lagoon(s) after treatment in the primary anaerobic treatment lagoons. [District Rule 2201]
9. Permittee shall maintain records that only liquid manure treated with anaerobic treatment lagoon(s) is applied to fields. [District Rules 1070 and 2201]
10. Liquid manure from the storage pond shall be mixed with irrigation water at a ratio in compliance with the facility nutrient management plan and applied to cropland at agronomic rates in accordance with the requirements of Regional Water Quality Control Board. [District Rule 2201]
11. Permittee shall not allow liquid manure to stand in the fields for more than twenty-four (24) hours after irrigation. [District Rules 2201 and 4570]
12. Permittee shall maintain records to demonstrate liquid manure did not stand in the fields for more than twenty-four (24) hours after irrigation. [District Rules 2201 and 4570]
13. All records shall be kept and maintained for a minimum of five (5) years and shall be made available to the APCO and EPA upon request. [District Rules 1070 & 4570]
14. Installation of an anaerobic digester may be required for this operation contingent upon the final Dairy BACT Guideline. If the final Dairy BACT Guideline requires the installation of an anaerobic digester for this operation, the permittee shall install the system in accordance with the timeframes and procedures established by the APCO. [District Rule 2201]
15. 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]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6831-4-3

ISSUANCE DATE: 08/21/2012

LEGAL OWNER OR OPERATOR: REDTOP JERSEYS LLC
MAILING ADDRESS: 5638 COLUMBUS AVE
HILMAR, CA 95324

LOCATION: 21519 ROAD 4
CHOWCHILLA, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF SOLID MANURE HANDLING CONSISTING OF COVERED SEPARATED SOLIDS STOCK PILES WITH SOLID MANURE APPLICATION TO LAND WITH IMMEDIATE INCORPORATION: ALLOW INCREASE IN SOLID MANURE FROM CHANGING HERD SIZE TO 7,200 JERSEY MILK COWS AND 1,350 DRY COWS; ADD MITIGATION MEASURES FOR 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, a certified nutritionist, the California Department of Food and Agriculture (CDFA), or the United States Department of Agriculture (USDA) determines that any VOC mitigation measure (with a Rule 4570 reference) is detrimental to animal health and needs to be suspended, the Permittee 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 2201 and Rule 4570]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services
C-6831-4-3; Aug 21 2012 2:41PM - NORMANR : Joint Inspection NOT Required

4. Within seventy two (72) hours of removal of separated solids from the drying process, permittee shall either 1) remove separated solids from the facility, or 2) cover separated solids 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 Rules 2201 and 4570]
5. Permittee shall keep records of dates when separated solids are removed from the facility or permittee shall maintain records to demonstrate that separated solids piles outside the pens are covered with a weatherproof covering from October through May. [District Rules 2201 and 4570]
6. Permittee shall maintain records, such as manufacturer warranties or other documentation, demonstrating that the weatherproof covering over separated solids 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 Rules 2201 and 4570]
7. All runoff and leachate from solid manure storage areas shall be directed to the lagoon or other wastewater treatment system. [District Rule 2201]
8. Dry manure (less than 50% moisture by weight) shall not be applied to fields when wind speeds exceed 10 miles per hour. [District Rule 2201]
9. Solid manure applied to fields shall be incorporated into the soil immediately (within two hours) after application. [District Rules 2201 and 4570]
10. Permittee shall maintain records to demonstrate that all solid manure has been incorporated immediately (within two hours) after land application. [District Rules 2201 and 4570]
11. All records shall be kept and maintained for a minimum of five (5) years and shall be made available to the APCO and EPA upon request. [District Rules 1070 & 4570]
12. 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]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6831-8-1

ISSUANCE DATE: 08/21/2012

LEGAL OWNER OR OPERATOR: REDTOP JERSEYS LLC
MAILING ADDRESS: 5638 COLUMBUS AVE
HILMAR, CA 95324

LOCATION: 21519 ROAD 4
CHOWCHILLA, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF FEED STORAGE AND HANDLING CONSISTING OF COMMODITY BARNs AND SILAGE PILES; MODIFY FEED HANDLING FOR CHANGING HERD SIZE TO 7,200 JERSEY MILK COWS AND 1,350 DRY COWS; ADD MITIGATION MEASURES FOR 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, a certified nutritionist, the California Department of Food and Agriculture (CDFA), or the United States Department of Agriculture (USDA) determines that any VOC mitigation measure (with a Rule 4570 reference) is detrimental to animal health and needs to be suspended, the Permittee 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 2201 and Rule 4570]
4. Permittee shall feed all animals according to National Research Council (NRC) guidelines. [District Rule 2201 and 4570]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6831-8-1: Aug 21 2012 2:41PM - NORMANR : Joint Inspection NOT Required

5. 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]
6. Permittee shall push feed so that it is within three feet of feedlane fence within two hours of putting out the feed or use a feed trough or other feeding structure designed to maintain feed within reach of the animals. [District Rules 2201 and 4570]
7. Permittee shall maintain an operating plan/record that requires feed to be pushed within three feet of feedlane fence within two hours of putting out the feed, or use of a feed trough or other structure designed to maintain feed within reach of the animals. [District Rules 2201 and 4570]
8. Permittee shall begin feeding total mixed rations within two hours of grinding and mixing rations. [District Rule 4570]
9. Permittee shall maintain an operating plan/record of when feeding of total mixed rations began within two hours of grinding and mixing rations. [District Rule 4570]
10. Permittee shall store grain in a weatherproof storage structure or under a weatherproof covering from October through May. [District Rule 4570]
11. Permittee shall maintain records demonstrating grain is/was stored in a weatherproof storage structure or under a weatherproof covering from October through May. [District Rule 4570]
12. Permittee shall feed steam-flaked, dry rolled, cracked or ground corn or other steam-flaked, dry rolled, cracked or ground cereal grains. [District Rule 4570]
13. Permittee shall maintain records to demonstrate animals are fed steam-flaked, dry rolled, cracked or ground corn or other steam-flaked, dry rolled, cracked or ground cereal grains. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this requirement. [District Rule 4570]
14. For bagged silage/feedstuff, permittee shall utilize a sealed feed storage system (e.g., ag bag). [District Rules 2201 and 4570]
15. Permittee shall cover all silage piles, except for the area where feed is being removed from the pile, with a plastic tarp that is at least five (5) mils (0.005 inches) thick, multiple plastic tarps with a cumulative thickness of at least 5 mils (0.005 inches), or an oxygen barrier film covered with a UV resistant material. Silage piles shall be covered within seventy-two (72) hours of last delivery of material to the pile. Sheets of material used to cover silage shall overlap so that silage is not exposed where the sheets meet. [District Rules 2201 and 4570]
16. Permittee shall maintain records of the thickness and type of cover used to cover each silage pile. Permittee shall also maintain records of the date of the last delivery of material to each silage pile and the date each pile is covered. [District Rules 2201 and 4570]
17. Permittee shall select and implement one of the following mitigation measures for building each silage pile at the facility: Option 1) build the silage pile such that the average bulk density is at least 44 lb/cu ft for corn silage and 40 lb/cu ft for other silage types, as measured in accordance with Section 7.11 of District Rule 4570; Option 2) Adjust filling parameters when creating the silage pile to achieve an average bulk density of at least 44 lb/cu ft for corn silage and at least 40 lb/cu ft for other silage types as determined using a District-approved spreadsheet; or Option 3) build silage piles using crops harvested with the applicable minimum moisture content, maximum Theoretical Length of Chop (TLC), and roller opening identified in District Rule 4570, Table 4.1, 1.d and manage silage material delivery such that the thickness of the layer of un-compacted material delivered on top of the pile is no more than six (6) inches. Records of the option chosen as a mitigation measure for building each silage pile shall be maintained. [District Rule 4570]
18. For each silage pile that Option 1 (Measured Bulk Density) is chosen as a mitigation measure for building the pile, records of the measured bulk density shall be maintained. [District Rule 4570]
19. For each silage pile that Option 2 (Bulk Density Determined by Spreadsheet) is chosen as a mitigation measure for building the pile, records of the filling parameters entered into the District-approved spreadsheet to determine the bulk density shall be maintained. [District Rule 4570]

CONDITIONS CONTINUE ON NEXT PAGE

20. For each silage pile that Option 3 (Moisture, TLC, Roller Opening, & Material Delivery) is chosen as a mitigation measure for building the pile, the permittee shall harvest corn used for the pile at an average moisture content of at least 65% and harvest other silage crops for the pile at an average moisture content of at least 60%. [District Rule 4570]
21. For each silage pile that Option 3 (Moisture, TLC, Roller Opening, & Material Delivery) is chosen as a mitigation measure for building the pile, records of the average percent moisture of crops harvested for silage shall be maintained. [District Rule 4570]
22. For each silage pile that Option 3 (Moisture, TLC, Roller Opening, & Material Delivery) is chosen as a mitigation measure for building the pile, the permittee shall adjust setting of equipment used to harvest crops for the pile to incorporate the following parameters for Theoretical Length of Chop (TLC) and roller opening, as applicable: 1) Corn with no processing: TLC not exceeding 1/2 inch, 2) Processed Corn: TLC not exceeding 3/4 inch and roller opening of 1-4 mm, 3) Alfalfa/Grass: TLC not exceeding 1.0 inch, 4) Other silage crops: TLC not exceeding 1/2 inch. [District Rule 4570]
23. For each silage pile that Option 3 (Moisture, TLC, Roller Opening, & Material Delivery) is chosen as a mitigation measure for building the pile, records that equipment used to harvest crops for the pile was set to the required TLC and roller opening for the type of crop harvested shall be maintained. [District Rule 4570]
24. For each silage pile that Option 3 (Moisture, TLC, Roller Opening, & Material Delivery) is chosen as a mitigation measure for building the pile, the permittee shall manage silage material delivery such that the thickness of the layer of un-compacted material delivered on top of the pile is no more than six (6) inches. [District Rule 4570]
25. For each silage pile that Option 3 (Moisture, TLC, Roller Opening, & Material Delivery) is chosen as a mitigation measure for building the pile, the permittee shall maintain a plan that requires that the thickness of the layer of un-compacted material delivered on top of the pile is no more than six (6) inches. [District Rule 4570]
26. Permittee shall select and implement at least two of the following mitigation measures for management of silage piles at the facility: Option 1) manage silage piles such that only one silage pile has an uncovered face and the total exposed surface area is less than 2,150 square feet, or manage multiple uncovered silage piles such that the total exposed surface area of all uncovered silage piles is less than 4,300 square feet; Option 2) use a shaver/facer to remove silage from the silage pile, or shall use another method to maintain a smooth vertical surface on the working face of the silage pile; or Option 3) inoculate silage with homolactic lactic acid bacteria in accordance with manufacturer recommendations to achieve a concentration of at least 100,000 colony forming units per gram of wet forage, apply propionic acid, benzoic acid, sorbic acid, sodium benzoate, or potassium sorbate at the rate specified by the manufacturer to reduce yeast counts when forming silage piles, or apply other additives at rates that have been demonstrated to reduce alcohol concentrations in silage and/or VOC emissions from silage and have been approved by the District and EPA. Records of the options chosen for managing each silage pile shall be maintained. [District Rule 4570]
27. If Option 1 (Limiting Exposed Area of Silage) is chosen as a mitigation measure for managing silage piles, the permittee shall calculate and record the maximum (largest part of pile) total exposed area of each silage pile. Records of the maximum calculated area shall be maintained. [District Rule 4570]
28. For each silage pile that Option 2 (Shaver/Facer or Smooth Face) is chosen as a mitigation measure for building the pile, the permittee shall maintain records that a shaver/facer was used to remove silage from the pile or shall visually inspect the pile at least daily to verify that the working face was smooth and maintain records of the visual inspections. [District Rule 4570]
29. For each silage pile that Option 3 (Silage Additives) is chosen as a mitigation measure for building the pile, records shall be maintained of the type additive (e.g. inoculants, preservative, other District & EPA-approved additive), the quantity of the additive applied to the pile, and a copy of the manufacturers instructions for application of the additive. [District Rule 4570]
30. No more than a total of four silage piles shall be open at any one time. [District Rule 2201]
31. 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 1070 and 4570]

32. All runoff and leachate from silage and commodity pads shall be directed to the lagoon or other wastewater treatment system. [District Rule 2201]
33. 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]