

APR 29 2011

David Duke
Foster Farms
PO Box 831
Livingston, CA 95334

**RE: Notice of Final Action - Authority to Construct
Project Number: N-1062279 and N-1092119**

Dear Mr. Duke:

The Air Pollution Control Officer has issued Authority to Construct permits to Foster Farms for the expansion of an animal rendering plant, including the installation of a new meat meal line, a new meat meal loadout operation, and a new boiler, at 843 Davis Street in Livingston, 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 March 23, 2011. The District's analysis of the proposal was also sent to CARB on March 21, 2011. 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. Rupi Gill at (209) 557-6400.

Sincerely,



David Warner
Director of Permit Services

DW:JH/st

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



APR 29 2011

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: N-1062279 and N-1092119**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to Foster Farms for the expansion of an animal rendering plant, including the installation of a new meat meal line, a new meat meal loadout operation, and a new boiler, at 843 Davis Street in Livingston, 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 March 23, 2011. The District's analysis of the proposal was also sent to CARB on March 21, 2011. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

DW:JH/st

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

Merced Sun-Star

**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 Foster Farms for the expansion of an animal rendering plant, including the installation of a new meat meal line, a new meat meal loadout operation, and a new boiler, at 843 Davis Street in Livingston, CA.

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

The application review for Project #N-1062279 and N-1092119 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, 4800 ENTERPRISE WAY, MODESTO, CA 95356.**



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-1-11

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS

MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF MEAT MEAL PROCESSING PLANT TO LIMIT THE FINISHED MEAT MEAL THROUGHPUT TO 70,000 TONS/YEAR AND TO LOWER THE THERMAL OXIDIZER VOC LIMIT TO 0.08 LB/MMBTU. POST-PROJECT EQUIPMENT DESCRIPTION: MEAT MEAL PROCESSING PLANT #1 CONSISTING OF 20 STEAM HEATED MEAT COOKERS, 5 PERK PANS AND 3 EXPELLER PRESSES. THE MEAT COOKERS ARE VENTED THROUGH A KNOCK-OUT CYCLONE, AN AC CORPORATION ACC-250 CONDENSER, A VENTURI SCRUBBER, A MIST ELIMINATOR AND A 3.2 MMBTU/HR THERMAL OXIDIZER ALL IN SERIES. THE PERK PANS AND THE EXPELLERS ARE VENTED TO A C-12 CONDENSER AND A PACKED BED ODOR SCRUBBER IN SERIES. THE PACKED BED ODOR SCRUBBER IS VENTED TO TWO CROSS-FLOW SCRUBBERS IN PARALLEL (NORTH AND SOUTH). THE KNOCK-OUT CYCLONE, THE AC CORPORATION ACC-250 CONDENSER, THE VENTURI SCRUBBER, THE MIST ELIMINATOR, THE THERMAL OXIDIZER, THE C-12 CONDENSER, THE PACKED BED ODOR SCRUBBER AND THE CROSS FLOW SCRUBBERS ARE SHARED BY PERMIT UNITS N-1252-1 AND N-1252-2.

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented concurrently with ATC N-1252-2-11, '-20-1, and '-32-1. [District Rule 2201]
2. Authority to Construct N-1252-1-13 shall be implemented prior to or concurrently with the implementation of this Authority to Construct. [District Rule 2201]
3. In the event that the thermal oxidizer shuts down during raw material processing, all meat cooker emissions shall be routed through the knock-out cyclone, the ACC-250 condenser, the C-12 condenser, the packed bed odor scrubber and the cross-flow scrubbers. The thermal oxidizer shall be re-started as soon as practical, and upon reaching operating temperature, the contaminated air stream shall be immediately re-routed to the thermal oxidizer. [District Rule 2201, 4201 and 4102]

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

DAVID WARNER, Director of Permit Services

N-1252-1-11: Apr 26 2011 9:48AM - HARADERJ : Joint Inspection NOT Required

4. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule]
8. The thermal oxidizer shall be fired only on PUC quality natural gas or Liquefied Petroleum Gas (LPG). [District Rule 2201]
9. The thermal oxidizer shall be operated with a combustion chamber temperature of no less than 1400 °F and the retention time shall be no less than one second. The oxidizer temperature shall be monitored and recorded utilizing a continuous monitoring and recording device. The monitoring and recording device shall be maintained in proper operating condition at all times. [District Rules 2201, 4102 and 4104]
10. The thermal oxidizer shall be heated to the proper operating temperature prior to introducing the contaminated air stream. [District Rules 2201, 4102 and 4104]
11. The quantity of meat meal produced shall not exceed 275 tons of finished product during any one day. [District Rule 2201]
12. The quantity of meat meal produced shall not exceed 70,000 tons of finished product during any 12-month rolling period. [District Rule 2201]
13. The heat input to the thermal oxidizer shall not exceed 51.3 MMBtu during any day it is fired on LPG. [District Rule 2201]
14. NO_x emissions from the thermal oxidizer shall not exceed 0.2 lb/MMBtu while fired on natural gas. [District Rule 2201]
15. NO_x emissions from the thermal oxidizer shall not exceed 0.3 lb/MMBtu while fired on LPG. [District Rule 2201]
16. When fired on either natural gas or LPG, emissions from the thermal oxidizer shall not exceed any of the following: 0.5 lb-CO/MMBtu, 0.0154 lb-VOC/ton of finished product, 0.0557 lb-PM₁₀/ton of finished product or 0.0346 lb-SO_x/ton of finished product. [District Rule 2201]
17. When the thermal oxidizer is in operation, emissions from the packed bed odor scrubber vented to the cross-flow scrubbers shall not exceed any of the following: 0.028 lb-VOC/ton of finished product, 0.281 lb-PM₁₀/ton of finished product or 0.166 lb-H₂S/ton of finished product. [District Rule 2201]
18. When the thermal oxidizer is not in operation, emissions from the packed bed odor scrubber vented to the cross-flow scrubbers shall not exceed any of the following: 0.061 lb-VOC/ton of finished product, 0.362 lb-PM₁₀/ton of finished product or 0.168 lb-H₂S/ton of finished product. [District Rule 2201]
19. The contaminated air stream flow rate into the C-12 condenser shall not exceed 12,000 acfm. [District Rules 2201 and 4102]
20. The water flow rate through the nozzles of the C-12 condenser shall be at least 29.2 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]
21. The exhaust from the C-12 condenser shall be vented to the packed-bed odor scrubber. [District Rules 2201 and 4102]
22. The temperature of the exhaust stream entering the packed-bed odor scrubber shall not exceed 148 °F. The entry temperature shall be monitored and recorded utilizing a continuous monitoring and recording device. The monitoring and recording device shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
23. The contaminated air stream flow into the packed-bed odor scrubber shall not exceed 12,000 acfm. [District Rules 2201 and 4102]
24. The liquor flow rate through the nozzles of the packed-bed odor scrubber shall be at least 10.0 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]

CONDITIONS CONTINUE ON NEXT PAGE

25. The exhaust from the packed-bed odor scrubber shall be vented to the cross-flow scrubbers. [District Rules 2201 and 4102]
26. The rendering facility inside air shall be vented to the cross-flow scrubbers. [District Rules 2201 and 4102]
27. The contaminated air stream flow into neither of the cross-flow scrubbers shall exceed 150,000 acfm. [District Rules 2201 and 4102]
28. The liquor flow rate through each set of nozzles into each of the cross-flow scrubbers shall be at least 5.3 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]
29. The liquor solution used in the packed-bed odor scrubber and in the cross-flow scrubbers shall be a solution of water and chlorine dioxide or water and ReNew-A/ReNew-B. [District Rules 2201 and 4102]
30. The concentration of chlorine dioxide in the packed-bed odor scrubber shall be monitored using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts, and the range shall be 450 millivolts to 550 millivolts. The oxidation-reduction potential controller reading shall be recorded at least once per hour while the scrubber is in operation. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
31. The concentration of chlorine dioxide in the scrubbing liquor of the North cross-flow scrubber shall be continuously measured and recorded using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts and the range shall be 450 millivolts to 550 millivolts. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
32. The concentration of chlorine dioxide in the scrubbing liquor of the South cross-flow scrubber shall be continuously measured and recorded using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts and the range shall be 505 millivolts to 605 millivolts. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
33. Fresh make-up water shall be added to the recirculation tanks of the cross-flow scrubbers at the rate necessary to maintain the liquor at the level that will maximize odor and emission control efficiency. [District Rules 2201 and 4102]
34. Continuous monitoring equipment shall be used to monitor the liquor flow rate into each of the scrubbers. The flow rates shall be measured in gallons per minute. The liquor flow rates from all scrubbers shall be recorded at least once per hour while the scrubbers are in operation. The continuous monitoring equipment shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
35. If the thermal oxidizer is bypassed for a total of more than 100 hours in any 12-month period, the owner or operator shall conduct an initial source test within 60 days to verify compliance with the VOC and H₂S emission limits of the packed bed scrubber that vents to the cross flow scrubbers, while the thermal oxidizer is by-passed. Testing shall be conducted while the scrubbers are operating on the ReNew-A/ReNew- B scrubber fluid. Source testing for H₂S shall be conducted using EPA Method 15 or another method previously approved by the District in writing. During the source test the meat cookers, the hydrolizers, the perk pans and the expellers shall be in operation. [District Rules 2201 and 4102]
36. Source testing to measure the VOC emissions from the thermal oxidizer shall be conducted not less than once every 12 months. [District Rule 2201]
37. Source testing to measure the VOC emissions from the thermal oxidizer shall be conducted using EPA Methods 18, 25, 25A, or 25 B or CARB Method 100. [District Rule 2201]
38. Source testing shall be performed while processing raw material under full load conditions or another load previously approved by the District in writing. [District Rules 1081 and 2201]
39. Source testing shall be conducted using the methods and procedures approved by the District. The District shall be notified 30 days prior to any compliance source test, and a source test plan shall be submitted for approval 15 days prior to testing. [District Rule 1081]
40. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]

CONDITIONS CONTINUE ON NEXT PAGE

41. Permittee shall keep a daily record of the quantity of meat meal produced, in tons of finished product. [District Rule 2201]
42. Permittee shall keep a rolling 12-month record of the total number of hours that the thermal oxidizer has been bypassed. This record shall be updated on at least a monthly basis. [District Rule 2201]
43. Permittee shall keep a record of the rolling 12-month quantity of meat meal produced, in tons of finished product. This record shall be updated on at least a monthly basis. [District Rule 2201]
44. Permittee shall keep records of the following: (1) measurements of the thermal oxidizer combustion chamber temperature, (2) measurements of the exhaust stream temperature entering the packed-bed odor scrubber, (3) the hourly ORP monitor readings for the packed-bed odor scrubber, (4) the hourly ORP monitor readings for the north and south cross-flow scrubbers, (5), liquor flow-rate measurements for each of the scrubbers, and (6) pH and ISE measurements when utilizing the Renew-A/ReNew-B scrubber liquor. [District Rule 2201]
45. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201]
46. For ReNew-A/ReNew-B, the pH range, the Ion Selective Electrode (ISE) output range, the scrubber liquor flow rates and any other parameters deemed necessary by the District to ensure optimal scrubber odor and emission control efficiency shall be established during the start-up period. The ranges determined shall be placed on the Permit to Operate. [District Rules 2201 and 4102]
47. Except during periods of equipment breakdown as determined by the District under Rule 1100, all material shall be processed within 24 hours of receipt. Each delivery of material shall be monitored to ensure that processing is performed within this time limit. [District Rules 1100 and 4102]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-2-11

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS

MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF FEATHER HYDROLIZING OPERATION TO LIMIT THE FINISHED FEATHER MEAL THROUGHPUT TO 40,000 TONS/YEAR AND TO LOWER THE THERMAL OXIDIZER VOC LIMIT TO 0.08 LB/MMBTU. POST-PROJECT EQUIPMENT DESCRIPTION: FEATHER HYDROLIZING OPERATION CONSISTING OF TWO ANCO-EAGLIN FEATHER HYDROLIZERS VENTED THROUGH THE PRIMARY EMISSION CONTROL SYSTEM, WHICH CONSISTS OF A KNOCK-OUT CYCLONE, AN AC CORPORATION ACC-250 CONDENSER, A VENTURI SCRUBBER, A MIST ELIMINATOR AND A 3.2 MMBTU/HR THERMAL OXIDIZER ALL IN SERIES. THE EQUIPMENT ALSO INCLUDES A SECONDARY EMISSION CONTROL SYSTEM, WHICH CONSISTS OF A KNOCK-OUT CYCLONE, AN AC CORPORATION ACC-250 CONDENSER, A C-12 CONDENSER, AND A PACKED BED ODOR SCRUBBER ALL IN SERIES. THE PACKED BED ODOR SCRUBBER IS VENTED THROUGH TWO CROSS-FLOW SCRUBBERS IN PARALLEL (NORTH AND SOUTH). THE KNOCK-OUT CYCLONE, THE AC CORPORATION ACC-250 CONDENSER, THE VENTURI SCRUBBER, THE MIST ELIMINATOR, THE THERMAL OXIDIZER, THE C-12 CONDENSER, THE PACKED BED ODOR SCRUBBER AND THE CROSS FLOW SCRUBBERS ARE SHARED BY PERMIT UNITS N-1252-1 AND N-1252-2.

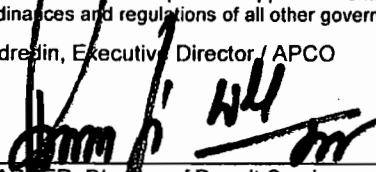
CONDITIONS

1. This Authority to Construct (ATC) shall be implemented concurrently with ATC's N-1252-1-11, '-20-1, and '-32-1. [District Rule 2201]
2. Authority to Construct N-1252-2-14 shall be implemented prior to or concurrently with the implementation of this Authority to Construct. [District Rule 2201]

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 Sadrejin, Executive Director / APCO



DAVID WARNER, Director of Permit Services

N-1252-2-11: Apr 26 2011 9:46AM - HARADERJ : Joint Inspection NOT Required

3. In the event that the thermal oxidizer shuts down during raw material processing, all hydrolizer emissions shall be routed through the knock-out cyclone, the ACC-250 condenser, the C-12 condenser, the packed bed odor scrubber and the cross-flow scrubbers. The thermal oxidizer shall be re-started as soon as practical, and upon reaching operating temperature, the contaminated air stream shall be immediately re-routed to the thermal oxidizer. [District Rule 2201, 4201 and 4102]
4. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule]
8. The thermal oxidizer shall be fired only on PUC quality natural gas or Liquefied Petroleum Gas (LPG). [District Rule 2201]
9. The thermal oxidizer shall be operated with a combustion chamber temperature of no less than 1400 øF and the retention time shall be no less than 1 second. The oxidizer temperature shall be monitored and recorded utilizing a continuous monitoring and recording device. The monitoring and recording device shall be maintained in proper operating condition at all times. [District Rules 2201, 4102 and 4104]
10. The thermal oxidizer shall be heated to the proper operating temperature prior to introducing the contaminated air stream. [District Rules 2201, 4102 and 4104]
11. The quantity of feather meal produced shall not exceed 125 tons of finished product during any one day. [District Rule 2201]
12. The quantity of feather meal produced shall not exceed 40,000 tons of finished product per rolling 12-month period. [District Rule 2201]
13. The heat input to the thermal oxidizer shall not exceed 51.3 MMBtu during any day it is fired on LPG. [District Rule 2201]
14. NOx emissions from the thermal oxidizer shall not exceed 0.2 lb/MMBtu while fired on natural gas. [District Rule 2201]
15. NOx emissions from the thermal oxidizer shall not exceed 0.3 lb/MMBtu while fired on LPG. [District Rule 2201]
16. When fired on either natural gas or LPG, emissions from the thermal oxidizer shall not exceed any of the following: 0.5 lb-CO/MMBtu, 0.0154 lb-VOC/ton of finished product, 0.0557 lb-PM10/ton of finished product or 0.0346 lb-SOx/ton of finished product. [District Rule 2201]
17. The combined ammonia (NH3) emissions from the processing of feathers by the emission units in permits N-1252-2 and N-1252-33 shall not exceed 0.6 lb/ton of finished product. [District Rule 2201]
18. When the thermal oxidizer is not in operation, emissions from the packed bed odor scrubber vented to the cross-flow scrubbers shall not exceed any of the following limits: 0.074 lb-VOC/ton of finished product, 0.178 lb-PM10/ton of finished product or 0.0032 lb-H2S/ton of finished product. [District Rule 2201]
19. The contaminated air stream flow rate into the C-12 condenser shall not exceed 12,000 acfm. [District Rules 2201 and 4102]
20. The water flow rate through the nozzles of the C-12 condenser shall be at least 29.2 gallons per 1000 acf of intake air flow. [District Rules 2201 and 4102]
21. The exhaust from the C-12 condenser shall be vented to the packed-bed odor scrubber. [District Rules 2201 and 4102]
22. The temperature of the exhaust stream entering the packed-bed odor scrubber shall not exceed 148 øF. The entry temperature shall be monitored and recorded utilizing a continuous monitoring and recording device. The monitoring and recording device shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]

CONDITIONS CONTINUE ON NEXT PAGE

23. The contaminated air stream flow into the packed-bed odor scrubber shall not exceed 12,000 acfm. [District Rules 2201 and 4102]
24. The liquor flow rate through the nozzles of the packed-bed odor scrubber shall be at least 10.0 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]
25. The exhaust from the packed-bed odor scrubber shall be vented to the cross-flow scrubbers. [District Rules 2201 and 4102]
26. The rendering facility inside air shall be vented to the cross-flow scrubbers. [District Rules 2201 and 4102]
27. The contaminated air stream flow into neither of the cross-flow scrubbers shall exceed 150,000 acfm. [District Rules 2201 and 4102]
28. The liquor flow rate through each set of nozzles into each of the cross-flow scrubbers shall be at least 5.3 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]
29. The liquor solution used in the packed-bed odor scrubber and in the cross-flow scrubbers shall be a solution of water and chlorine dioxide or water and ReNew-A/ReNew-B. [District Rules 2201 and 4102]
30. The concentration of chlorine dioxide in the packed-bed odor scrubber shall be monitored using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts, and the range shall be 450 millivolts to 550 millivolts. The oxidation-reduction potential controller reading shall be recorded at least once per hour while the scrubber is in operation. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
31. The concentration of chlorine dioxide in the scrubbing liquor of the North cross-flow scrubber shall be continuously measured and recorded using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts and the range shall be 450 millivolts to 550 millivolts. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
32. The concentration of chlorine dioxide in the scrubbing liquor of the South cross-flow scrubber shall be continuously measured and recorded using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts and the range shall be 505 millivolts to 605 millivolts. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
33. Fresh make-up water shall be added to the recirculation tanks of the cross-flow scrubbers at the rate necessary to maintain the liquor at the level that will maximize odor and emission control efficiency. [District Rules 2201 and 4102]
34. Continuous monitoring equipment shall be used to monitor the liquor flow rate into each of the scrubbers. The flow rates shall be measured in gallons per minute. The liquor flow rates from all scrubbers shall be recorded at least once per hour while the scrubbers are in operation. The continuous monitoring equipment shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
35. If the thermal oxidizer is bypassed for a total of more than 100 hours in any 12-month period, the owner or operator shall conduct an initial source test within 60 days to verify compliance with the VOC and H₂S emission limits of the packed bed scrubber that vents to the cross flow scrubbers, while the thermal oxidizer is by-passed. Testing shall be conducted while the scrubbers are operating on the ReNew-A/ReNew- B scrubber fluid. Source testing for H₂S shall be conducted using EPA Method 15 or another method previously approved by the District in writing. During the source test the meat cookers, the hydrolizers, the perk pans and the expellers shall be in operation. [District Rules 2201 and 4102]
36. Source testing to measure the VOC emissions from the thermal oxidizer shall be conducted not less than once every 12 months. [District Rule 2201]
37. Source testing to measure the VOC emissions from the thermal oxidizer shall be conducted using EPA methods 18, 25, 25A, or 25 B or CARB method 100. [District Rule 2201]
38. Source testing shall be performed while processing raw material under full load conditions or another level previously approved by the District in writing. [District Rule 2201 and District Rule 1081]

CONDITIONS CONTINUE ON NEXT PAGE

39. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081]
40. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
41. Permittee shall keep a daily record of the quantity of feather meal produced, in tons of finished product. [District Rule 2201]
42. Permittee shall keep a rolling 12-month record of the total number of hours that the thermal oxidizer has been bypassed. This record shall be updated on at least a monthly basis. [District Rule 2201]
43. Permittee shall keep a record of the rolling 12-month quantity of feather meal produced, in tons of finished product. This record shall be updated on at least a monthly basis. [District Rule 2201]
44. Permittee shall keep records of the following: (1) measurements of the thermal oxidizer combustion chamber temperature, (2) measurements of the exhaust stream temperature entering the packed-bed odor scrubber, (3) the hourly ORP monitor readings for the packed-bed odor scrubber, (4) the hourly ORP monitor readings for the north and south cross-flow scrubbers, (5), liquor flow-rate measurements for each of the scrubbers, and (6) pH and ISE measurements when utilizing the Renew-A/ReNew-B scrubber liquor. [District Rule 2201]
45. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201]
46. For ReNew-A/ReNew-B, the pH range, the Ion Selective Electrode (ISE) output range, the scrubber liquor flow rates and any other parameters deemed necessary by the District to ensure optimal scrubber odor and emission control efficiency shall be established during the start-up period. The ranges determined shall be placed on the Permit to Operate. [District Rules 2201 and 4102]
47. Except during periods of equipment breakdown as determined by the District under Rule 1100, all material shall be processed within 24 hours of receipt. Each delivery of material shall be monitored to ensure that processing is performed within this time limit. [District Rules 1100 and 4102]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-20-1

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS

MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF MEAT AND FEATHER MEAL TRANSFER SYSTEM CONSISTING OF TWO UNGROUND MATERIAL BINS EACH SERVED BY A AGET FILTERKOP MODEL FH58S-1 DUST COLLECTOR: LIMIT THE FINISHED MEAT MEAL THROUGHPUT TO 78,875 TONS/YEAR AND LIMIT THE FINISHED FEATHER MEAL THROUGHPUT TO 40,000 TONS/YEAR

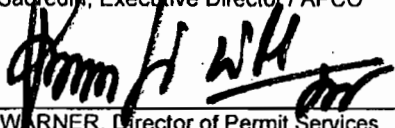
CONDITIONS

1. This Authority to Construct (ATC) shall be implemented concurrently with ATC's N-1252-1-11, '2-11, and '32-1. [District Rule 2201]
2. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule]
6. Visible emissions from the dust collectors serving the meat and feather meal transfer system shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201]
7. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]

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 Saadati, Executive Director / APCO



DAVID WARNER, Director of Permit Services

N-1252-20-1: Apr 26 2011 8:48AM - HARADERJ : Joint Inspection NOT Required

8. Replacement bags numbering at least 10% of the total number of bags in the baghouses using each type of bag shall be maintained on the premises. [District Rule 2201]
9. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
10. All ducting from the stationary draft hoods serving the meat and feather meal transfer system to the dust collectors shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201]
11. The quantity of meat meal finished product handled by the transfer system shall not exceed 275 tons in any one day. [District Rule 2201]
12. The quantity of meat meal finished product handled by the transfer system shall not exceed 70,000 tons during any 12-month rolling period. [District Rule 2201]
13. The quantity of feather meal finished product handled by the transfer system shall not exceed 125 tons in any one day. [District Rule 2201]
14. The quantity of feather meal finished product handled by the transfer system shall not exceed 40,000 tons during any 12-month rolling period. [District Rule 2201]
15. PM10 emissions from the meat and feather meal transfer system shall not exceed 0.00225 pounds per ton of finished product. [District Rule 2201]
16. Permittee shall keep a daily record of the quantity of meat meal transferred, in tons of finished product. [District Rule 2201]
17. Permittee shall keep a daily record of the quantity of feather meal transferred, in tons of finished product. [District Rule 2201]
18. Permittee shall keep a record of the rolling 12-month quantity of meat meal transferred, in tons of finished product. This record shall be updated on at least a monthly basis. [District Rule 2201]
19. Permittee shall keep a record of the rolling 12-month quantity of feather meal transferred, in tons of finished product. This record shall be updated on at least a monthly basis [District Rule 2201]
20. Records of all maintenance of the dust collectors, including all change outs of filter media, shall be maintained [District Rule 2201]
21. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-30-0

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS
MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

MEAT MEAL PROCESSING PLANT #2 CONSISTING OF ONE RAW MATERIAL RECEIVING HOPPER, ONE FAT TANK, ONE FAT CENTRIFUGE, ONE SWECO SEPARATOR, ONE DUPPS 200-U STEAM COOKER, ONE 18" CONTINUOUS PERCOLATOR, TWO DUPPS 10" PRESSES, ONE MIGHTY SAMSON 660-16 HAMMERMILL, ONE ROTEX SHAKER, SERVED BY A SHELL AND TUBE HEAT RECOVERY CONDENSER, ACC-250 AIR-COOLED CONDENSER, A VENTURI SCRUBBER WITH MIST ELIMINATOR, AND A 2.0 MMBTU/HR REGENERATIVE THERMAL OXIDIZER, IN SERIES. ROOM AIR WILL BE SERVED BY A 50,000 CFM PACKED BED ROOM AIR SCRUBBER

CONDITIONS

1. Authorities to Construct N-1252-1-11, '-2-11, '-20-1, and '-33-1 shall be implemented prior to or concurrently with this Authority to Construct. [District Rule 2201]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Vapors from the fat tank, SWECO separator, percolator, fat centrifuge, and the two crax presses shall be captured and vented to the venturi scrubber and regenerative thermal oxidizer, in series. [District Rule 2201]
6. Vapors from the Dupps steam cooker shall be capture and vented to the air-cooled condenser, the venturi scrubber, and the regenerative thermal oxidizer, in series. [District Rule 2201 and 4104]
7. The exhaust stacks shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]

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 Sadretdin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

N-1252-30-0: Apr 26 2011 9:46AM -- HARA:ERJ : Joint Inspection NOT Required

8. The regenerative thermal oxidizer shall be operated with a combustion chamber temperature of no less than 1400 °F and the retention time shall be no less than one second. A continuous temperature monitoring and recording device shall be used and kept in good working order. [District Rules 2201 and 4104]
9. The regenerative thermal oxidizer shall be heated to proper operating temperature prior to any contaminated process air entering the oxidizer. [District Rules 2201 and 4104]
10. The quantity of meat meal produced shall not exceed 75 tons of finished product during any one day. [District Rule 2201]
11. The quantity of meat meal produced shall not exceed 24,000 tons of finished product during any 12-month rolling period. [District Rule 2201]
12. Emissions from the thermal oxidizer shall not exceed any of the following limits: 0.036 lb-NOx/MMBtu, 0.0346 lb-SOx/ton of finished product, 0.0557 lb-PM10/ton of finished product, 0.50 lb-CO/MMBtu, or 0.0154 lb-VOC/ton of finished product. [District Rule 2201]
13. Emissions from the room-air scrubber shall not exceed any of the following: 0.028 lb-VOC/ton of finished meat meal produced, 0.281 lb-PM10/ton of finished meat meal produced, or 0.166 lb-hydrogen sulfide per ton of finished meat meal produced. [District Rule 2201]
14. Source testing to measure the PM10, VOC, and SOx emissions from the regenerative thermal oxidizer exhaust shall be conducted within 60 days of startup and at least once every 12 months thereafter. [District Rule 2201]
15. Source testing to measure the NOx and CO emissions from this regenerative thermal oxidizer exhaust shall be conducted within 60 days of startup [District Rule 2201]
16. Source testing to measure the PM10, VOC, and H2S emissions from the room air scrubber exhaust shall be conducted within 60 days of startup and at least once every 12 months thereafter. [District Rule 2201]
17. Source testing shall be performed while processing raw material under full load conditions or another load previously approved by the District in writing. [District Rules 1081 and 2201]
18. Source testing to measure the VOC emissions from the thermal oxidizer shall be conducted using EPA Methods 18, 25, 25A, or 25B or CARB Method 100. [District Rule 2201]
19. Source testing to measure PM10 emissions shall be conducted using EPA Methods 201 and 202, EPA Methods 201A and 202, or CARB Methods 501 and 5. [District Rule 2201]
20. Source testing to measure NOx emissions shall be conducted using EPA Method 7E or ARB Method 100. [District Rule 2201]
21. Source testing to measure CO emissions shall be conducted using EPA Method 10 or ARB Method 100. [District Rule 2201]
22. Source testing to measure SOx emissions shall be conducted using EPA Method 6C, EPA Method 8, or ARB Method 100. [District Rule 2201]
23. Source testing to measure H2S emissions shall be conducted using CARB Method 15 or 16A, or EPA Method 11. [District Rule 2201]
24. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 2201]
25. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]
26. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
27. The concentration of chlorine dioxide in the packed-bed odor scrubber shall be continuously monitored using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts, and the range shall be 450 millivolts to 550 millivolts. The oxidation reduction potential controller shall be maintained in proper operating condition at all times. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

28. If the ORP of the scrubber's liquor solution used in any of the scrubbers falls outside the prescribed range as specified in this permit, the permittee shall immediately correct the ORP of the scrubber liquor solution to comply with the acceptable range. If the ORP of the liquor solution continues to be outside the acceptable range for more than 10 consecutive minutes, the permittee shall notify the District within the following 1 hour. [District Rule 2201]
29. The processing facility shall be kept under negative pressure at all times when in operation. [District Rule 2201 and 4102]
30. Permittee shall take monthly readings with a portable anemometer to verify that the main processing building is under negative pressure during periods of plant operation. The anemometer shall be calibrated per the manufacturer's recommendations. Additionally, the anemometer shall be made available to District inspection staff upon request. Records of anemometer measurements and calibrations shall be kept, maintained, and made readily available for District inspection upon request. [District Rules 2201 and 4102]
31. For ReNew-A/ReNew-B, the pH range, the Ion Selective Electrode (ISE) output range, the scrubber liquor flow rates and any other parameters deemed necessary by the District to ensure optimal scrubber odor and emission control efficiency shall be established during the start-up period. The ranges determined shall be placed on the Permit to Operate. [District Rule 2201]
32. Permittee shall keep a daily record of the quantity of meat meal produced, in tons of finished product. [District Rule 2201]
33. Permittee shall keep a record of the rolling 12-month quantity of meat meal produced, in tons of finished product. This record shall be updated on at least a monthly basis. [District Rule 2201]
34. Permittee shall keep records of the following: (1) measurements of the thermal oxidizer combustion chamber temperature, (2) the hourly ORP monitor readings for the packed-bed odor scrubber, and (3) pH and ISE measurements when utilizing the Renew-A/ReNew-B scrubber liquor. [District Rule 2201]
35. All records shall be maintained and retained on-site for a period of at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201]
36. Except during periods of equipment breakdown as determined by the District under Rule 1100, all material shall be processed within 24 hours of receipt. Each delivery of material shall be monitored to ensure that processing is performed within this time limit. [District Rules 1100 and 4102]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-31-0

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS

MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

MEAT MEAL LOADOUT OPERATION CONSISTING OF A LOADOUT TANK, A LOADOUT ENCLOSURE WITH ASSOCIATED CONVEYORS, CHUTES, AND GATES, ALL SERVED BY A TORIT DONALDSON MODEL 196FT12 BAGHOUSE

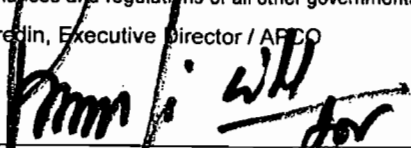
CONDITIONS

1. Authorities to Construct N-1252-1-11, '-2-11, '-20-1, and '-33-1 shall be implemented prior to or concurrently with this Authority to Construct. [District Rule 2201]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, 5% opacity. [District Rule 4101]
7. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
8. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]

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 Sadeghin, Executive Director / AFCD



DAVID WARNER, Director of Permit Services

N-1252-31-0, Apr 26 2011 9:48AM - HARADER Joint Inspection NOT Required

9. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]
10. A spare set of bags or filters shall be maintained on the premises at all times. [District Rule 2201]
11. The quantity of meat meal loaded out shall not exceed 120 tons of finished product during any one day. [District Rule 2201]
12. The quantity of meat meal loaded out shall not exceed 24,000 tons of finished product during any 12-month rolling period. [District Rule 2201]
13. Emissions from the meat meal loadout operation shall not exceed 0.00025 lb/ton of finished product. [District Rule 2201]
14. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
15. The pressure differential gauge reading range shall be established per manufacturer's recommendation at the time of start-up inspection. [District Rule 2201]
16. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201]
17. Permittee shall keep a daily record of the quantity of meat meal loaded out, in tons of finished product. [District Rule 2201]
18. Permittee shall keep a record of the rolling 12-month quantity of meat meal loaded out, in tons of finished product. This record shall be updated on at least a monthly basis. [District Rule 2201]
19. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-33-1

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS

MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

MODIFICATION OF 25 MMBTU/HOUR FEATHER DRYING OPERATION VENTED INTO TWO CYCLONES IN PARALLEL, THEN INTO A C-60 CONDENSER AND A MEF-PT-60-SP PACKED BED ODOR SCRUBBER IN SERIES TO LIMIT THE FINISHED FEATHER MEAL THROUGHPUT TO 40,000 TONS/YEAR AND TO LIMIT THE FEATHER DRYER ANNUAL HEAT INPUT TO 100,000 MMBTU/YEAR

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented concurrently with ATC's N-1252-1-11, '-2-11, and '-20-1. [District Rule 2201]
2. Authority to Construct N-1252-33-2 shall be implemented prior to or concurrently with the implementation of this Authority to Construct. [District Rule 2201]
3. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule]
7. The drier shall be fired only on PUC quality natural gas as the primary fuel or LPG/propane as the back-up fuel. [District Rules 2201 and 4309]

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 Sadreddin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1252-33-1; Apr 26 2011 8:46AM - HARADERU : Joint Inspection NOT Required

8. The quantity of feather meal produced shall not exceed 125 tons of finished product during any one day. [District Rule 2201]
9. The quantity of feather meal produced shall not exceed 40,000 tons of finished product per rolling 12-month period. [District Rule 2201]
10. The total heat input to the feather dryer shall not exceed 100,000 MMBtu per rolling 12-month period. [District Rule 2201]
11. The heat input to the feather dryer shall not exceed 400 MMBtu during any day it is fired on LPG/propane. [District Rule 2201]
12. The unit shall be fired on LPG/propane only during natural gas curtailment for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District Rule 4309]
13. When fired on natural gas, emissions from the feather dryer operation shall not exceed any of the following limits: 3.2 ppmv @ 19% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 42 ppmvd CO @ 19% O₂ or 0.286 lb-CO/MMBtu. [District Rules 2201 and 4309]
14. When fired with LPG/propane, emissions from the feather dryer shall not exceed any of the following: 4.8 ppmv @ 19% O₂ or 0.054 lb-NO_x/MMBtu, 0.0164 lb-SO_x/MMBtu, 42 ppmvd CO @ 19% O₂ or 0.286 lb-CO/MMBtu. [District Rules 2201 and 4309]
15. When fired on either natural gas or LPG/propane, the emissions shall not exceed any of the following: 0.10 lb-VOC/ton of finished product, 0.22 lb-PM₁₀/ton of finished product or 0.166 lb-H₂S/ton of finished product. [District Rule 2201]
16. The combined ammonia (NH₃) emissions from the processing of feathers by the emission units in permits N-1252-2 and N-1252-33 shall not exceed 0.6 lb/ton of finished product. [District Rule 2201]
17. The water flow rate through the nozzles of the C-60 spray condenser shall be no less than 43.7 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]
18. The exhaust flow of the C-60 spray condenser shall be vented to the packed-bed odor scrubber serving the feather dryer. [District Rules 2201 and 4102]
19. The flow rate into the packed-bed odor scrubber serving the feather dryer shall not exceed 32,000 acfm. [District Rules 2201 and 4102]
20. The liquor flow rate through the nozzles of the packed-bed odor scrubber serving the feather dryer shall be no less than 27.2 gallons per 1,000 acf of intake air flow. [District Rules 2201 and 4102]
21. The liquor solution used in the packed-bed odor scrubber serving the feather dryer shall be a solution of water and chlorine dioxide or water and ReNew-A/ReNew-B. [District Rules 2201 and 4102]
22. The concentration of chlorine dioxide in the packed-bed odor scrubber serving the feather dryer shall be continuously measured and recorded using an oxidation-reduction potential controller. The concentration shall be measured as free chlorine using the HACH DPD method. The reading shall be in millivolts and the range shall be 505 millivolts to 605 millivolts. The ranges may be changed as deemed necessary by the District to optimize the control efficiency based on the source test results. The oxidation-reduction potential controller shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
23. The flow rate into the C-60 spray condenser shall not exceed 32,000 acfm. [District Rules 2201 and 4102]
24. The temperature of the exhaust stream entering the packed-bed odor scrubber shall not exceed 100 °F. The entry temperature shall be monitored and recorded utilizing a continuous monitoring and recording device. The monitoring and recording device shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
25. Fresh make-up water shall be added to the recirculation tank of each scrubber at the rate necessary to maintain the liquor at the level that will maximize odor and emission control efficiency. [District Rules 2201 and 4102]

CONDITIONS CONTINUE ON NEXT PAGE

26. Continuous monitoring equipment shall be used to monitor the liquor flow rate into the packed bed scrubber serving the feather drier. The flow rate shall be measured in gallons per minute. The liquor flow rates shall be recorded at least once per hour while the scrubber is in operation. The continuous monitoring equipment shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
27. Source testing to measure the VOC and H₂S emissions shall be conducted within 60 days after the scrubber first operates on ReNew A/ReNew B scrubber fluid. Source testing for H₂S shall be conducted using EPA Method 15 or another method previously approved by the District in writing. [District Rules 2201 and 4102]
28. Source testing to measure NO_x and CO emissions from the drier when fired on natural gas shall be conducted at least once every 24 months. [District Rules 2201 and 4309]
29. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]
30. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
31. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂, corrected to dry stack conditions. [District Rule 4309]
32. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]
33. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
34. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
35. If the unit is fired on back-up fuel for a period exceeding 48 cumulative hours in a calendar year, the permittee shall monitor and record the stack concentration of NO_x at least once during that year using an APCO approved portable NO_x analyzer. Monitoring for back-up fuel NO_x emissions shall not be required when the unit is operating on primary fuel, i.e. the unit need not be fired on back-up fuel solely to perform monitoring. [District Rule 4309]
36. Back-up fuel NO_x emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
37. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]
38. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309]

CONDITIONS CONTINUE ON NEXT PAGE

39. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
40. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309]
41. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]
42. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least 5 readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
43. The permittee shall monitor and record the cumulative annual hours of operation on each fuel other than PUC quality natural gas during periods of natural gas curtailment and equipment testing. [District Rule 4309]
44. The NO_x emissions for each unit that is operated during periods of PUC quality natural gas curtailment shall be recorded, corrected to dry stack conditions, and adjusted using the oxygen correction factor. NO_x emissions shall be reported in ppmv. [District Rule 4309]
45. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
46. Permittee shall a daily record of the quantity of feather meal produced, in tons of finished product. [District Rule 2201]
47. Permittee shall keep a record of the rolling 12-month quantity of feather meal produced, in tons of finished product. This record shall be updated on at least a monthly basis. [District Rule 2201]
48. Permittee shall keep a record of the rolling 12-month heat input into the feather dryer. This record shall be updated on at least a monthly basis. [District Rule 2201]
49. "Permittee shall keep records of the following: (1) measurements of the exhaust stream temperature entering the packed-bed odor scrubber, (2) the hourly ORP monitor readings for the packed-bed odor scrubber, (3), liquor flow-rate measurements for the packed-bed odor scrubber, and (4) pH and ISE measurements when utilizing the Renew-A/ReNew-B scrubber liquor. [District Rule 2201]
50. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201]
51. For ReNew-A/ReNew-B, the pH range, the Ion Selective Electrode (ISE) output range, the scrubber liquor flow rates and any other parameters deemed necessary by the District to ensure optimal scrubber odor and emission control efficiency shall be established during the start-up period. The ranges determined shall be placed on the Permit to Operate. [District Rules 2201 and 4102]
52. Except during periods of equipment breakdown as determined by the District under Rule 1100, all material shall be processed within 24 hours of receipt. Each delivery of material shall be monitored to ensure that processing is performed within this time limit. [District Rules 1100 and 4102]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-1252-37-0

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: FOSTER FOOD PRODUCTS

MAILING ADDRESS: P O BOX 831
LIVINGSTON, CA 95334

LOCATION: 843 DAVIS ST
LIVINGSTON, CA

EQUIPMENT DESCRIPTION:

98.5 MMBTU/HR NATURAL GAS-FIRED NEBRASKA BOILERS MODEL NS-E-68 BOILER WITH A COEN MODEL 260-FYR-COMPAK LOW-NOX BURNER SERVED BY A SELECTIVE CATALYTIC REDUCTION SYSTEM

CONDITIONS

1. Authorities to Construct N-1252-1-11, '-2-11, '-20-1, and '-33-1 shall be implemented prior to or concurrently with this Authority to Construct. [District Rule 2201]
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
3. No air contaminant or compound shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
7. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rule 2201 and 40 CFR 60.48(c)(g)]
8. This unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. The heat input to this boiler shall not exceed 440,000 MMBtu in any rolling 12-month period. [District Rule 2201]

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 Sadredini, Executive Director / APCO

DAVID WARNER, Director of Permit Services

N-1252-37-0, APR 26 2011 9:46AM - GRADERJ : Joint Inspection NOT Required

10. Emissions from this boiler shall not exceed any of the following: 0.0076 lb-PM10/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0055 lb-VOC/MMBtu, or 100 ppmvd CO @ 3% O2 or 0.074 lb-CO/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
11. Except during startup, emissions from the natural gas-fired boiler shall not exceed 5 ppmvd NOx @ 3% O2 or 0.006 lb-NOx/MMBtu [District Rule 2201, 4305, 4306 and 4320]
12. The ammonia (NH3) emissions from the exhaust of the SCR system serving this boiler shall not exceed 5 ppmvd @ 3% O2. [District Rule 4102]
13. During startup, emissions from the natural gas-fired boiler shall not exceed 30 ppmvd NOx @ 3% O2 or 0.036 lb-NOx/MMBtu. [District Rule 2201]
14. The duration of each start-up shall not exceed two hours per occurrence. During start-up, the emissions control system shall be in operation, and emissions shall be minimized insofar as technologically possible. The operator shall maintain daily records of the duration of start-up periods. [District Rules 2201, 4305, 4306 and 4320]
15. The total duration of all startups shall not exceed either of the following limits: 4 hours in any one day and 200 hours in any rolling 12-month period. [District Rule 2201]
16. Startup is defined as the period of time during which a unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rules 4305, 4306, and 4320]
17. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306]
18. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emissions monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month [District Rules 4305, 4306 and 4320]
19. The permittee shall monitor and record the stack concentration of NH3 at least once during each month in which a source test is not performed. NH3 monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within five days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4102]
20. NH3 emission readings shall be conducted at the time the NOx, CO, and O2 readings are taken. The NH3 readings shall be converted to ppmvd and corrected to 3% O2. [District Rule 4102]
21. If the NOx or CO concentrations corrected to 3% O2, as measured by the portable analyzer, or the NH3 concentrations corrected to 3% O2, as measured by District approved gas-detection tubes, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 operation days of the first exceedance. An operational day is any calendar day in which the unit operates. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4102, 4305, 4306 and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

22. All NO_x, CO, O₂, and NH₃ emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The NO_x, CO, and O₂ analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. NH₃ emission readings shall be measured in accordance with the gas sample tube manufacturer's specifications and recommendations. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4102, 4305, 4306 and 4320]
23. The permittee shall maintain records of: (1) the date and time of NO_x, CO, O₂ and NH₃ measurements, (2) the O₂ concentration in percent and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4102, 4305, 4306 and 4320]
24. Source testing to measure NO_x, CO, and NH₃ emissions from the boiler shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306, and 4320]
25. Source testing to measure NO_x, CO, and NH₃ emissions from the boiler shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested once every 36 months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve months. [District Rules 2201, 4102, 4305, 4306 and 4320]
26. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320]
27. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]
28. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306 and 4320]
29. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
30. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
31. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081]
32. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320]
33. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320]
34. Owner/operator shall maintain monthly records of the type and quantity of fuel combusted by the boiler. [District Rule 2201 and 40 CFR 60.48(c)(g)]
35. Permittee shall keep a record of the rolling 12-month heat input for the boiler. This record shall be updated on at least a monthly basis. [District Rule 2201]
36. The permittee shall keep daily records of the number of occurrences and durations of each startup. [District Rules 2201, 4305, 4306, and 4320]
37. Permittee shall keep a record of the total 12-month rolling duration of all startups. This record shall be updated on at least a monthly basis. [District Rule 2201]
38. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
39. All records shall be maintained and retained on-site for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306, and 4320]