DEC 0 3 2014

Richard Gilton
Gilton Resource Recovery
755 S Yosemite Ave
Oakdale, CA 95361

RE: Notice of Final Action - Authority to Construct
Facility Number: N-8734
Project Number: N-1131319

Dear Mr. Gilton:

The Air Pollution Control Officer has issued the Authority to Construct permit to Gilton Resource Recovery for a natural gas-fired vegetable waste dryer, at 818 McCloy Rd in Stockton, Ca. Enclosed are the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on October 17, 2014. The District's analysis of the proposal was also sent to CARB on October 24, 2014. No comments were received following the District's preliminary decision on this project.

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

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

Central Region (Main Office)
1880 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6081

Southern Region
34846 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org www.healthyairliving.com
Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Nick Peirce at (209) 557-6400.

Sincerely,

Arnaud Marjollet
Director of Permit Services

AM:JH/ya

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email
AUTHORITY TO CONSTRUCT

PERMIT NO: N-8734-1-1
ISSUANCE DATE: 11/19/2014

LEGAL OWNER OR OPERATOR: GILTON RESOURCE RECOVERY
MAILING ADDRESS: 755 S YOSEMITE AVE
OAKDALE, CA 95361

LOCATION: 818 MCCLOY RD
STOCKTON, CA 95203

EQUIPMENT DESCRIPTION:
FOOD WASTE DRYING AND PASTEURIZATION OPERATION CONSISTING OF A 19.9 MMBTU/HR NATURAL GAS-FIRED BAKER RULLMAN MODEL SC90-30 ROTARY DRYER WITH A CYCLONE, A BLISS MODEL 4820TF GRINDER VENTED TO A MAC MODEL 96AVR80 BAGHOUSE, ASSOCIATED HOPPERS, AND CONVEYING EQUIPMENT

CONDITIONS

1. Authorities to Construct N-8734-1-0 and N-8734-1-2 shall be cancelled upon the implementation of this Authority to Construct into a Permit to Operate. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

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. Visible emissions from the exhaust of the baghouse shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]

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 Rule 2201]

7. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]

8. The baghouse exhaust fan(s) shall be switched on prior to any material processing through the grinder. [District Rule 2201]

9. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [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 2060, 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 Sadied Ot, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-8475
10. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201]

11. Material removed from baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]

12. The quantity of material processed through the grinder shall not exceed 480 tons in any one day. [District Rule 2201]

13. PM10 emissions from the baghouse serving the grinder shall not exceed 0.012 pounds per ton of material processed. [District Rule 2201]

14. The rotary dryer shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4309]

15. Emissions from the rotary dryer shall not exceed any of the following limits: 30 ppmvd NOx @ 3% O2 or 0.036 lb-NOx/MMBtu (Equivalent to 3.2 ppmvd @ 19% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 400 ppmvd CO @ 3% O2 or 0.286 lb-CO/MMBtu (Equivalent to 42 ppmvd @ 19% O2), or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4309]

16. The rotary dryer’s annual heat input shall not exceed 135,000 MMBtu in any calendar year. [District Rule 2201]

17. Source testing to measure the rotary dryer NOx and CO emissions shall be conducted at least once every 24 months. [District Rules 2201 and 4309]

18. 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]

19. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]

20. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]

21. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]

22. Stack gas velocities shall be determined using EPA Method 2. [District Rule 4309]

23. Stack gas moisture content shall be determined using EPA Method 4. [District Rule 4309]

24. 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]

25. All test results for NOx and CO shall be reported in ppmv @ 19% O2 (or no correction if measured above 19% O2), corrected to dry stack conditions. [District Rule 4309]

26. 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]

27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]

28. 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 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]

CONDITIONS CONTINUE ON NEXT PAGE
29. If either the NOx or CO concentrations corrected to 19% O2 (or no correction if measured above 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 performing the notification and testing required by this condition. [District Rule 4309]

30. 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]

31. The permittee shall maintain records of: (1) the date and time of NOx, CO, and O2 measurements, (2) the O2 concentration in percent and the measured NOx and CO concentrations corrected to 19% O2 (or no correction if measured above 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]

32. Records of the daily quantity of food waste processed, in tons, shall be maintained. [District Rules 1070 and 2201]

33. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rules 1070 and 2201]

34. Permittee shall maintain annual records of the rotary dryer heat input, in MMBtu. [District Rule 2201]

35. Permittee shall keep records of the total annual hours of operation of the dryer. These records shall be updated on at least a monthly basis. [District Rule 4309]

36. 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 and 4309]