



JAN 05 2012

Michael Matelski Teasdale Quality Foods, Inc. P.O. Box 814 Atwater, CA 95301

Notice of Final Action - Authority to Construct

Project Number: N-1111419

Dear Mr. Matelski:

The Air Pollution Control Officer has issued Authority to Construct permits to Teasdale Quality Foods, Inc. for the installation of a new 81.8 MMBtu/hr boiler and the modification of two dormant boilers to add annual heat input limits, at 901 Packers Street in Atwater.

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 December 2, 2011. The District's analysis of the proposal was also sent to CARB on November 29, 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:RPG/st

Enclosures

Seyed Sadredin Executive Director/Air Pollution Control Officer





JAN 05 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: N-1111419

Dear Mr. Tollstrup:

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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:RPG/st

Enclosures

Seyed Sadredin Executive Director/Air Pollution Control Officer

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 Teasdale Quality Foods, Inc. for the installation of a new 81.8 MMBtu/hr boiler and the modification of two dormant boilers to add annual heat input limits, at 901 Packers Street in Atwater.

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

The application review for Project #N-1111419 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-1174-1-3

ISSUANCE DATE: 01/03/2012

LEGAL OWNER OR OPERATOR: TEASDALE QUALITY FOODS INC

MAILING ADDRESS:

P O BOX 814

ATWATER, CA 95301-0814

LOCATION:

901 PACKERS ST ATWATER, CA 95301

EQUIPMENT DESCRIPTION:

MODIFICATION OF 25 MMBTU/HR WEBSTER IRON FIREMAN BOILER (S/N 11019) - NON-COMPLIANT DORMANT EMISSION UNIT (DEU): LIMIT ANNUAL FUEL USAGE TO NOT EXCEED 43,800 MMBTU/YEAR TO REDUCE STATIONARY SOURCE EMISSIONS BELOW MAJOR SOURCE AND OFFSET THRESHOLDS

CONDITIONS

- 1. Operation of the unit is not authorized until modifications are made to comply with District Rules as authorized by an Authority to Construct. [District Rule 2010]
- No modification to this unit shall be performed without an Authority to Construct for such modifications, except for changes specified in the conditions below. [District Rule 2010]
- Upon seven days prior written notice to the District, this unit may be designated as a dormant emissions unit or an active emissions unit. [District Rule 2080]
- While dormant, the fuel line and electrical output connection shall be physically disconnected from the unit. [District Rule 2080]
- If this unit has become dormant because it does not comply with District Rules, or if the unit becomes out of compliance with District Rules while it is dormant, operation of the unit is not authorized until an Authority to Construct permit is issued approving all necessary retrofits and permit changes required to comply with the respective District Rules. [District Rule 2010]
- The boiler shall only be fired on natural gas or No. 2 fuel oil. [District Rule 2201]
- Maximum annual heat input to the unit shall not exceed 43,800 MMBtu per calendar year. [District Rule 2201, 4305, 4306, and 4320]

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 degial 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.

Seved Sadredin Executive Director

DAVID WARNER, Director of Permit Services

- 8. The NOx emissions from this unit shall not exceed 30 ppmvd @ 3% O2. [District Rule 4305]
- 9. The CO emissions from this unit shall not exceed 400 ppmvd @ 3% O2. [District Rule 4305]
- 10. While dormant, normal source testing shall not be required. [District Rule 2080]
- 11. Upon recommencing operation of this unit, normal source testing and monitoring shall resume. [District Rule 2080]
- 12. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080]
- 13. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request [District Rule 1070]





AUTHORITY TO CONSTRUCT

PERMIT NO: N-1174-3-3

ISSUANCE DATE: 01/03/2012

LEGAL OWNER OR OPERATOR: TEASDALE QUALITY FOODS INC

P O BOX 814

MAILING ADDRESS:

ATWATER, CA 95301-0814

LOCATION:

901 PACKERS ST ATWATER, CA 95301

EQUIPMENT DESCRIPTION:

MODIFICATION OF 25 MMBTU/HR WEBSTER IRON FIREMAN BOILER (S/N 11018) - NON-COMPLIANT DORMANT EMISSION UNIT (DEU): LIMIT ANNUAL FUEL USAGE TO NOT EXCEED 43,800 MMBTU/YEAR TO REDUCE STATIONARY SOURCE EMISSIONS BELOW MAJOR SOURCE AND OFFSET THRESHOLDS

CONDITIONS

- 1. Operation of the unit is not authorized until modifications are made to comply with District Rules as authorized by an Authority to Construct. [District Rule 2010]
- No modification to this unit shall be performed without an Authority to Construct for such modifications, except for changes specified in the conditions below. [District Rule 2010]
- 3. Upon seven days prior written notice to the District, this unit may be designated as a dormant emissions unit or an active emissions unit. [District Rule 2080]
- 4. While dormant, the fuel line and electrical output connection shall be physically disconnected from the unit. [District Rule 2080]
- 5. If this unit has become dormant because it does not comply with District Rules, or if the unit becomes out of compliance with District Rules while it is dormant, operation of the unit is not authorized until an Authority to Construct permit is issued approving all necessary retrofits and permit changes required to comply with the respective District Rules. [District Rule 2010]
- 6. The boiler shall only be fired on natural gas or No. 2 fuel oil. [District Rule 2201]
- 7. Maximum annual heat input to the unit shall not exceed 43,800 MMBtu per calendar year. [District Rule 2201, 4305, 4306, and 4320]

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-1174-3-3; Jan 3 2012 B:OAAM - GILLESIR : Joint Inspection NOT Required

- 8. The NOx emissions from this unit shall not exceed 30 ppmvd @ 3% O2. [District Rule 4305]
- 9. The CO emissions from this unit shall not exceed 400 ppmvd @ 3% O2. [District Rule 4305]
- 10. While dormant, normal source testing shall not be required. [District Rule 2080]
- 11. Upon recommencing operation of this unit, normal source testing and monitoring shall resume. [District Rule 2080]
- 12. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080]
- 13. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request [District Rule 1070]





AUTHORITY TO CONSTRUCT

PERMIT NO: N-1174-9-0

ISSUANCE DATE: 01/03/2012

LEGAL OWNER OR OPERATOR: TEASDALE QUALITY FOODS INC

MAILING ADDRESS:

P O BOX 814

ATWATER, CA 95301-0814

LOCATION:

901 PACKERS ST ATWATER, CA 95301

EQUIPMENT DESCRIPTION:

81.8 MMBTU/HR CLEAVER BROOKS NEBRASKA D TYPE MODEL # NB-300D-55 NATURAL GAS-FIRED BOILER WITH LOW-NOX BURNER, SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM, AND AN ECONOMIZER

CONDITIONS

- Authorities to Construct N-1174-1-3, and '-3-3 shall be implemented prior to or concurrently with this Authority to Construct. [District Rule 2201]
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
- 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]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 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]
- The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
- The boiler shall be equipped with an economizer designed at a maximum firing rate which will reduce the temperature of the economizer flue gas outlet to a value no greater than 20 degrees F above the temperature of the inlet water to the economizer and a design specification sheet for the economizer shall be made available to the District upon request. [District Rule California Environmental Quality Act (CEQA)]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin/Executive Director / APCO

DAVID WARNER, D rector of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475

- 8. Electric motors driving combustion air fans, induced draft fans and boiler feedwater pumps shall have an efficiency meeting the standards of the National Electrical Manufacturer's Association (NEMA) for "premium efficiency" motors and shall each be operated with a variable frequency speed control or equivalent for control of flow through the fan or pump. [District Rule California Environmental Quality Act (CEQA)]
- 9. Duration of start-up or shutdown shall not exceed 2 hours each per occurrence. During start-up or shutdown, the emissions control system shall be in operation, and emissions shall be minimized insofar as technologically possible. [District Rules 4305, 4306, and 4320]
- 10. Start-up and shutdown shall not exceed 2 hours per day. Cumulative duration of start-ups and shutdowns shall not exceed 730 hours per year. [District Rule 2201]
- 11. During start-up and shutdown, NOx emissions from the unit shall not exceed 80 ppmvd NOx @ 3% O2. [District Rules 2201, 4305, 4306, and 4320]
- 12. Except during start-up and shutdown, NOx emissions from the combustion of natural gas shall not exceed 5 ppmvd @ 3% O2. [District Rules 2201, 4305, 4306, and 4320]
- 13. CO emissions from the combustion of natural gas shall not exceed 100 ppmvd @ 3% O2. [District Rules 2201, 4305, 4306, and 4320]
- 14. VOC emissions from the combustion of natural gas shall not exceed 10 ppmvd @ 3% O2. [District Rules 2201, 4305, 4306, and 4320]
- 15. PM10 emissions from the combustion of natural gas shall not exceed 0.0024 lb/MMBtu. [District Rules 2201, 4305, 4306, and 4320]
- 16. SOx emissions from the combustion of natural gas shall not exceed 0.00285 lb/MMBtu. [District Rules 2201, 4305, 4306, and 4320]
- 17. The ammonia (NH3) emissions shall not exceed 10 ppmvd @ 3% O2. [District Rule 2201]
- 18. Source testing to measure NOx, CO, and NH3 emissions from this unit while fired on natural gas shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306 and 4320]
- 19. Source testing to measure NOx, CO, and NH3 emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (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 (12) months. [District Rules 4305, 4306 and 4320]
- 20. 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]
- 21. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
- 22. The source test plan shall identify which basis (ppmvd or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320]
- 23. 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, 4306, and 4320]
- 24. NOx 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]
- 25. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
- 26. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081]
- 27. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]

- 28. 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]
- 29. The permittee shall monitor and record the stack concentration of NOx, CO, NH3 and O2 at least once during each month in which source testing is not performed. NOx, CO and O2 monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH3 monitoring shall be conducted utilizing gas detection tubes (Draegerr brand or District approved equivalent). 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 it has been performed within the last month. [District Rules 4305, 4306, and 4320]
- 30. Ammonia emissions readings shall be conducted at the time the NOx, CO, and O2 readings are taken. The readings shall be converted to ppmvd @ 3% O2. [District Rules 4305, 4306, and 4320]
- 31. If either the NOx, CO, or NH3 concentrations, as measured by the portable analyzer and District approved ammonia monitoring equipment, exceed the permitted emission levels, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than I hour of operation after detection. If the portable analyzer or ammonia monitoring equipment show that emissions continue to exceed the allowable levels after 1 hour of operation following 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 Rules 4305, 4306, and 4320]
- 32. 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 Rules 4305, 4306, and 4320]
- 33. The permittee shall maintain records of: (1) the date and time of NOx, CO, NH3, and O2 measurements, (2) the O2 concentration in percent and the measured NOx, 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 rang. [District Rules 4305, 4306 and 4320]
- 34. 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]
- 35. Daily records of start-up and shutdown durations and number of occurences of each shall be maintained [District Rules 2201, 4305, 4306, and 4320]
- 36. Records of monthly and annual heat input of the unit shall be maintained. [District Rules 2201, 4001, 4305, and 4306 and 40 CFR Part 60.48c(g)(2)]
- 37. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4001, 4305, 4306, and 4320 and 40 CFR Part 60.48c(i)]