



OCT 24 2013

Dennis Tristao
J. G. Boswell Company Oil Mill
PO Box 457
Corcoran, CA 93212

RE: Final – Authority to Construct/Certificate of Conformity (Minor Mod)
Facility Number: C-1555
Project Number: C-1132119

Dear Mr. Tristao:

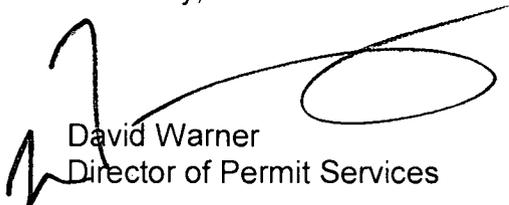
The Air Pollution Control Officer has issued the Authority to Construct permit to J. G. Boswell Company Oil Mill for the identical routine replacement of the extractor unit at an existing vegetable oil extraction plant, at 710 Bainum Avenue in Corcoran.

Enclosed are the Authority to Construct permit, invoice, and engineering evaluation with attachments. The District's analysis of the proposal was sent to US EPA Region IX on September 3, 2013. No comments were received following the District's preliminary decision on this project.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

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

Sincerely,



David Warner
Director of Permit Services

DW:bkc

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

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



AUTHORITY TO CONSTRUCT

PERMIT NO: C-1555-8-12

ISSUANCE DATE: 10/21/2013

LEGAL OWNER OR OPERATOR: J G BOSWELL COMPANY OIL MILL

MAILING ADDRESS: PO BOX 457
CORCORAN, CA 93212

LOCATION: 710 BAINUM AVE
CORCORAN, CA 93212

EQUIPMENT DESCRIPTION:

MODIFICATION OF VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES AND TWO 6500 GALLON SKIMMER/AERATION TANKS, ONE 10,000 GALLON WASTE WATER STORAGE TANK, FOUR SUMPS, AND ONE 30,000 GALLON EQUALIZATION TANK AND ONE BAG DUMPING UNIT SERVED BY A MAC FILTER UNIT: IDENTICAL ROUTINE REPLACEMENT OF CROWN SERIES 900 EXTRACTOR WITH A NEW CROWN SERIES 900 EXTRACTOR

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Visible emissions from sock filter(s) serving the bag dumping unit shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-1555-8-12 Oct 21 2013 8:03AM - CLERICOB - Joint Inspection NOT Required

6. The maximum amount of material processed by the bag dumping unit shall not exceed 750 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. PM10 emissions from the bag dumping unit shall not exceed 0.0568 lb/ton material processed. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The Owner/Operator shall control the amount of fresh hexane so that the average rate over a three month period does not exceed 2,156 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Record of daily amount of material processed by the bag dumping unit shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
10. The Owner/Operator shall maintain records such that daily vegetable oil seed material processing rates and hexane consumption can be determined. [District NSR Rule; District Rule 2520, 9.4.2; District Rule 4691, 6.1] Federally Enforceable Through Title V Permit
11. All vapors and gas streams from the extractor, wastewater reboiler, solvent-water separator, and dryer/toaster condenser shall be routed to the vent condenser and then to the mineral scrubber. [District NSR Rule; District Rule 4691, 5.2; Kings County Rule 410] Federally Enforceable Through Title V Permit
12. The condenser and mineral oil scrubber shall have a combined capture and control efficiency of at least 95 percent by weight. [District Rule 4691, 5.1; Kings County Rule 410] Federally Enforceable Through Title V Permit
13. The permittee shall conduct inspections at least once a month on all equipment in organic service for any indication of any leak of VOCs. Monthly inspections shall be done in accordance with EPA Method 21. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
14. If a detected leakage level exceeds 10,000 ppm, or if leaks are visible, the leaking equipment shall be repaired within ten (10) days. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
15. The owner/operator shall not use any equipment in organic service at the vegetable oil plant unless such equipment does not leak. [District Rule 4691, 5.4] Federally Enforceable Through Title V Permit
16. Emissions from leaks in equipment in organic service which have been tagged by the owner or operator for repair in accordance with the requirements of Section 6.1 of Rule 4691 (12/17/92) or which have been repaired and are waiting reinspection shall not constitute a violation of Section 5.4 of Rule 4691 (12/17/92). [District Rule 4691, 5.5] Federally Enforceable Through Title V Permit
17. The owner/operator shall comply with all the recordkeeping and monitoring requirements of section 6.0 of Rule 4691 (12/17/97). [District Rule 4691, 6.0] Federally Enforceable Through Title V Permit
18. The owner/operator shall check the oil temperature at various points. The oil from the heater shall be between 230 F and 255 F. The oil from the cooler shall be less than 100 F. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
19. The extractor shall run under a vacuum of at least 0.1 inches of water. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
20. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92), 4202 (12/17/92), and 4691 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
21. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
22. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
23. The owner/operator shall perform EPA Method 18 on an annual basis to determine compliance with District Rule 4691 (12/17/92). [District Rule 4691; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

24. On and after compliance date, for each operating month, the permittee must calculate the compliance ratio in accordance with methods and procedures specified in 40 CFR 63.2840 (a), (b), and (d). The actual solvent loss shall be calculated according to the procedure in 40 CFR 63.2853. The weighted average volume fraction of HAP in the solvent shall be calculated according to the procedure in 40 CFR 63.2854. The tons of oilseed processed shall be calculated according to the procedure in 40 CFR 63.2855. The compliance ratio shall not exceed 1.0. [40 CFR 63.2840, 40 CFR 63.2853, 40 CFR 63.2854, and 40 CFR 63.2855] Federally Enforceable Through Title V Permit
25. Within 15 days of recommencing operation after installation of the replacement extractor, the operator shall comply with one of the following two options: (1) Normal Operation - meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of 40 CFR 63.2850 for sources under normal operation, and the schedules for demonstrating compliance for an existing or new source that has been significantly modified in Table 2 of 40 CFR 63.2850; or (2) Initial Startup Period - for up to 3 calendar months after the startup date, meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of 40 CFR 63.2850 for sources operating under an initial startup period, and the schedules for demonstrating compliance for a significantly modified existing or new source operating under an initial startup period in Table 2 of 40 CFR 63.2850. After a maximum of 3 calendar months, meet all of the requirements listed in Table 1 of 40 CFR 63.2850 for sources under normal operation. [40 CFR 63.2850(d)] Federally Enforceable Through Title V Permit
26. The permittee must meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of section 63.2850 for sources under normal operation, and the schedules for demonstrating compliance for existing sources under normal operation in Table 2 of section 63.2850. [40 CFR 63.2850(b)] Federally Enforceable Through Title V Permit
27. The permittee must develop and implement a written plan for demonstrating compliance that provides detailed procedures to monitor and record data necessary for demonstrating compliance with 40 CFR 63 Subpart GGGG. If any changes to the plan for demonstrating compliance are made, the permittee must keep all previous versions of the plan and make them readily available for inspection at least 5 years after each revision. The plan for demonstrating compliance must include the items in 40 CFR sections 63.2851(a)(1) - (7). [40 CFR 63.2850(a)(2) and 40 CFR 63.2851(a)] Federally Enforceable Through Title V Permit
28. The permittee must develop a written SSM (Startup, Shutdown, and Malfunction) plan in accordance with 40 CFR 63.6(e)(3) and implement the plan, when applicable. The SSM plan must be completed before the compliance date of the existing source providing detailed procedures for operating and maintaining the source to minimize emissions during a qualifying SSM event for which the source chooses the Sec. 63.2850(e)(2) malfunction period, or the Sec. 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. [40 CFR 63.2850(a)(3) and 40 CFR 63.2852] Federally Enforceable Through Title V Permit
29. The recordkeeping requirements of section 63.2862 must be satisfied by the compliance date, if the source processes any listed oilseed, as defined in 40 CFR 63.2872. The permittee shall record all the items listed in 40 CFR 63.2862(c)(1)-(3). [40 CFR 63.2850(a)(4) and 40 CFR 63.2862] Federally Enforceable Through Title V Permit
30. The permittee shall record the following items by the end of the calendar month following each operating month: 1) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c); 2) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3); 3) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in 40 CFR 63.2855(c); 4) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 63.2854, 63.2855, and Table 1 of Section 63.2840, calculate the compliance ratio using Equation 2 of Sec. 63.2840; and 5) A statement of whether the source is in compliance with all of the requirements of this subpart. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
31. For each SSM event subject to an initial startup period as described in Section 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section 63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each month in which the initial startup period or malfunction period occurred: 1) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction; 2) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and 3) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit

32. Annual compliance certifications must be submitted 12 calendar months after submission of the initial notification of compliance status. Each subsequent annual compliance certification is due 12 calendar months after the previous annual compliance certification. The annual compliance certification provides the compliance status for each operating month during the 12 calendar months period ending 60 days prior to the date on which the report is due and includes the information in 40 CFR 63.2861(a)(1) - (6). [40 CFR 63.2850(a)(5)(i) and 40 CFR 63.2861(a)] Federally Enforceable Through Title V Permit
33. Deviation notification report shall be submitted for each compliance determination made in which the compliance ratio exceeds 1.00 as determined under 40 CFR 63.2840(c). The report shall be submitted by the end of the month following the calendar month in which the deviation occurred. The deviation notification report must include the items in 40 CFR 63.2861(b)(1) - (4). [40 CFR 63.2861(b)(1)-(4) and 40 CFR 63.2861(b)] Federally Enforceable Through Title V Permit
34. A periodic SSM report shall be submitted by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report must include: 1) The name, title, and signature of a source's responsible official certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan; 2) A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period; and 3) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation. [40 CFR 63.2850(a)(5)(ii) and 40 CFR 63.2861(c)] Federally Enforceable Through Title V Permit
35. If the source handle a SSM during an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2) differently from procedures in the SSM plan and the relevant emission requirements in 40 CFR 63.2840 are exceeded, then the permittee must submit an immediate SSM report consisting of a telephone call or facsimile transmission to the responsible agency within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter must include the items listed in 40 CFR 63.2861(d)(1) - (3). [40 CFR 63.2850(a)(5)(iii) and 40 CFR 63.2861(d)] Federally Enforceable Through Title V Permit
36. If the source experiences an unscheduled shutdown as a result of a malfunction, as defined in 40 CFR 63.2, continues to operate during a malfunction (including the period reasonably necessary to correct the malfunction), or starts up after a shutdown resulting from a malfunction, the permittee must choose to comply with one of the options listed in 40 CFR section 63.2850(e)(1)-(2) within 15 days of the beginning date of the malfunction. [40 CFR 63.2850(e)] Federally Enforceable Through Title V Permit
37. At the time of each annual source test for VOC, the permittee shall establish the temperature ranges of the outlet gas from the vent condenser, the temperature ranges of the inlet oil to the mineral oil scrubber (MOS), and the temperature ranges of the inlet oil to the mineral oil stripper. Minimum and maximum readings for each parameter shall be established during the annual source test. [40 CFR Part 64] Federally Enforceable Through Title V Permit
38. Every fifteen minute of operation, the permittee shall record the temperature readings and compare the readings with the acceptable range established during the most recent annual source test. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. The owner or operator shall operate a monitoring system which is capable of monitoring and recording the mineral oil flowrate, in gallons per minute, through the mineral oil scrubber once every fifteen minutes. The mineral oil flowrate shall be maintained between 8 and 20 gallons per minute. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
40. Devices used to measure temperatures and mineral oil flowrates shall be maintained in accordance with the manufacturer's specifications. [40 CFR Part 64] Federally Enforceable Through Title V Permit
41. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

42. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
43. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit