



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B014490

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: SEPTEMBER 2023

OWNER OF OPERATOR (Co.#1531)

Mars Petcare US Inc.
2013 Ovation Parkway
Franklin, TN 37067

EQUIPMENT LOCATION (Fac.#2600)

Mars Petcare
13243 Nutro Way
Victorville, CA 92392

Description:

INTERMEDIATE STORAGE SYSTEM consisting of: twenty (20) storage bins (SCE 3.048 x 2.000 x 12.000 M Bin with Butterfly Hopper 66m3). Each Intermediate Storage (IS) Bin will be equipped with a dedicated, and powered Bin Vent Filter (BVF) each permitted with a unique District Permit number. The Intermediate Storage Systems includes three (3) pneumatic conveying systems; Permitted as District Permit B014491- Transfer System #1, B014481-Transfer System #2, and B014493-Transfer System #3, to transport kibble from the IS bins to the Final Packaging Bins. These Transfer Systems include supporting equipment, such as, drag conveyor systems, pocket feeders, vibratory screeners, hoppers, and air locks. Note: PM-10 emissions is limited to less than 93,437 pounds per year (46.72 TPY). It is noted that PM-10 emissions have been fully offset to this amount through a series of previous NSR activities pursuant to District Regulation XIII. Facility elevation is 2930 feet above sea level.

EQUIPMENT

Capacity	Equipment Description
0	Twenty (20) Intermediate Storage Bins (5051 through 5070) each equipped with a dedicated Bin Vent Filter As Notated Below.
60	Twenty (20) Intermediate Storage Bin Vent Filters that each include a 3-hp fan and each exhaust a maximum of 1,530 cfm
60	Twenty (20) Pocket Feeders (3 hp each)
30	Three (3) Drag Conveyor Systems (10 hp each)
15	Three (3) Vibrating Screeners (5 hp each)
300	Three (3) Pressure Blower Package (100 hp each). Blower provides for kibble transfer from IS Bins to to Final Packaging Bins.
0	Three (3) Airlock Vent Hoppers each equipped with passive Vent Filters
12	Three (3) Airlock System (4 hp each)

Fee Schedule: 1 (c)

Rating: 477 bhp

SIC: 2047

SCC: 30200804

Location/UTM(Km):
474E/3817N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Mars Petcare US Inc.
Attention: Gregg Elmore

Victorville, CA 92392

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

Capacity	Equipment Description
0	Multiple Diverters
0	Bin Vent System #101, Equipment # 5051.01, South Row
0	Bin Vent System #102, Equipment # 5052.01, South Row
0	Bin Vent System #103, Equipment # 5053.01, South Row
0	Bin Vent System #104, Equipment # 5054.01, South Row
0	Bin Vent System #105, Equipment # 5055.01, South Row
0	Bin Vent System #106, Equipment # 5056.01, South Row
0	Bin Vent System #107, Equipment # 5057.01, South Row
0	Bin Vent System #108, Equipment # 5058.01, South Row
0	Bin Vent System #109, Equipment # 5059.01, South Row
0	Bin Vent System #110, Equipment # 5060.01, South Row
0	Bin Vent System #111, Equipment # 5061.01, North Row
0	Bin Vent System #112, Equipment # 5062.01, North Row
0	Bin Vent System #113, Equipment # 5063.01, North Row
0	Bin Vent System #114, Equipment # 5064.01, North Row
0	Bin Vent System #115, Equipment # 5065.01, North Row
0	Bin Vent System #116, Equipment # 5066.01, North Row
0	Bin Vent System #117, Equipment # 5067.01, North Row
0	Bin Vent System #118, Equipment # 5068.01, North Row
0	Bin Vent System #119, Equipment # 5069.01, North Row
0	Bin Vent System #120, Equipment # 5070.01, North Row

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer, supplier and or sound engineering principles, which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1302]

2. The owner operator shall conduct a minimum program of inspection and maintenance on the bin vents serving this equipment. The owner operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Quarterly bin vent bag, filter, cartridge, and suspension system inspection date and results;
- b. Date of bin vent bag, filter, cartridge replacements; and,
- c. Date and nature of any system repairs.

[District Rule 1303]

3. The owner operator shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- a. As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
- b. Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a) of District Rule 401 (20% opacity).

[District Rule 401]

4. This equipment shall not be operated unless the air pollution control devices with the following permits are in place and properly operating (as applicable): C014482, C014483, C014484, C014485, C014486, C014487, C014488, C014489, C014492, C014494, C014495, C014496, C014497, C014498, C014499, C014500, C014501, C014502, C014503, and C014504.

[District Rule 1302]

5. The owner operator shall maintain on-site a minimum inventory of replacement bin vent bags, filters, and or cartridges that assures compliance with these conditions.

[District Rule 1302]

6. The owner operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Monthly facility finished production, in pounds or tons
- b. Cumulative last-twelve-month facility finished production, in pounds or tons.

[District Rule 1302]

7. This facility shall not produce more than 220,000 tons per year of finished product, calculated on a rolling twelve month basis, additionally, this facility shall not re-package more than 11,000 tons per year of finished product, calculated on a twelve month basis.

[District Rule 1302]

8. The entire facility shall not emit any of the Regulated Pollutants listed below in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

- a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve (12) month period, measured as NO₂;
- b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve (12) month period;
- c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve (12) month period;
- d. Carbon Monoxide (CO): 80 tons per consecutive twelve (12) month period;
- e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve (12) month period;
- f. Lead (Pb): 0.48 tons per consecutive twelve (12) month period;
- g. Particulate Matter 10 microns and less (PM₁₀): 46.72 tons (93,437 pounds - District Rule 1303(B) - basis: limit offset) per consecutive twelve (12) month period;
- h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
- i. All HAPs combined: 20 tons per consecutive twelve (12) month period. Compliance with these limits shall be demonstrated through the submission of a facility-wide Comprehensive Emission Inventory (CEI) for all emitted Regulated Air Pollutants. Exceedance of these emission limits may trigger offsets, BACT, National Emission Standards for Hazardous Air Pollutants (NESHAP), and/or require submission of a Title V permit application.

[District Rules 1302 and 1303]

9. This facility shall not emit more than 8 tons per year (tpy) of a single HAP and 20 tpy of all HAP's. To ensure compliance, the owner/operator shall calculate and record the annual emissions of Federal Hazardous Air Pollutants (HAP's) in tpy on a calendar year basis (January 1 through December 31). The list of HAP's can be found in Section 112(b)(1) of the Federal Clean Air Act or at web site: <http://www.epa.gov/ttn/atw/188polls.html>.

[District Rule 1302]

10. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]