

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: ENVIRONMENTAL RESOURCES *KMN*

BOARD AGENDA # B-12

Urgent _____ Routine x

AGENDA DATE June 19, 2001

CEO Concurs with Recommendation YES *ptx* NO _____
(Information Attached)

4/5 Vote Required YES _____ NO X

SUBJECT:

ACCEPT THE STATUS REPORT REGARDING MODESTO TALLOW COMPANY

STAFF
RECOMMEN-
DATIONS:

ACCEPT THE STATUS REPORT REGARDING MODESTO TALLOW COMPANY

FISCAL
IMPACT:

There is no fiscal impact.

BOARD ACTION

No. 2001-479

On motion of Supervisor Blom, Seconded by Supervisor Simon

and approved by the following vote,

Ayes: Supervisors: Mayfield, Blom, Simon, and Chair Paul

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: Caruso

1) X Approved as recommended

2) _____ Denied

3) _____ Approved as amended

MOTION:

ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

By: *Christine Ferraro* Deputy

File No.

ACCEPT THE STATUS REPORT REGARDING MODESTO TALLOW COMPANY

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DISCUSSION: This agenda item is important to ensure a safe and healthy community and to take pride in our local community. The Department of Environmental Resources presented its last update regarding Modesto Tallow Company to the Board on January 30, 2001.

This report will be presented in two parts. The first part will inform the Board of the status of the Modesto Tallow Company, the compliance with the permit requirements, and the number of complaints against the Modesto Tallow Company. The second part will report on the community meeting held on May 8, at Shackelford School, and the action taken thereafter.

At the time of the last report, one permit requirement pertaining to the dead stock room, which had a completion date of July 2000, had not been satisfied. As last reported, a new schedule for completion was approved by the San Joaquin Valley Air Pollution Control District (SJVAPCD), requiring completion of the dead stock room by March 31, 2001. The dead stock room was to be "...fully enclosed, under negative pressure, and served by odor control equipment. The dead stock room may be under refrigeration in lieu of being served by odor control equipment." (Item 11 of Attachment A). The dead stock room was not completed by March 31, and the SJVAPCD granted an extension until June 1.

At the time of writing this report, construction has not been completed. Modesto Tallow expects the construction to be completed by June 14. There will be no skinning of dead stock until the construction is completed, and the new dead stock room is operational. Until then, the carcasses will be delivered to the old dead stock room, where they will be quartered and immediately transferred into the plant for further processing. This will minimize the amount of time the carcasses are in the old dead stock room, thus minimizing the odors.

On June 6, the SJVAPCD issued a citation (Notice of Violation) to the Modesto Tallow Company for missing the deadline date of June 1. The citation will be handled in the Fresno office where the monetary penalties are assessed. The amount of penalty will be dependent upon how well Modesto Tallow Company controls the odors.

Also reported in January, was a permit requirement with a November completion date that had not been completely satisfied. Maintenance is being handled according to an approved policy. The requirement is now completely satisfied. That requirement is as follows:

ACCEPT THE STATUS REPORT REGARDING MODESTO TALLOW COMPANY

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“All process buildings and finished material storage containment areas shall be kept clean and in good repair” (item 6 of Attachment A).

The remaining permit requirement, which has a compliance date of January 1, 2002, is as follows:

“All roadways, parking areas, load out areas, and staging areas shall be paved and maintained in good condition to mitigate odors that may constitute a nuisance” (Item 5 of Attachment A). As per the footnote on Attachment A, “Interim repairs to roadways will be made (site plan identifying areas is being developed)...”

Following a request made by the SJVAPCD, Modesto Tallow Company has taken temporary measures to correct the problem areas prior to the summer heat. The potholes in the problem areas have been patched. Permanent repairs to the roadway are to be completed by January 1, 2002.

As noted in the chart below, there was a significant reduction in the number of complaints over the past three years.

Month and Total	Number of Complaints per Month for Respective Years		
	1999	2000	2001
January	10	4	1
February	18	8	2
March	20	16	7
April	21	8	0
May	23	22	17
Total	92	58	27

The SJVAPCD believes that the decreases in the number of complaints are attributable to the improvements at Modesto Tallow Company.

During the last update to the Board on January 30, a request was made for another community meeting to discuss the Modesto Tallow Company. The meeting was held in the evening of May 8 at Shackelford School cafeteria. Arrangements were made for the following agencies to be represented: SJVAPCD, Environmental Resources, Health Services Agency, Parks and Recreation, Public Works, Planning and Community Development, Sheriff’s Department, and the District Attorney’s Office. Representatives from the Modesto Tallow Company were also present. The primary focus of the meeting was the Modesto Tallow Company. However, representatives from the various agencies were available to field questions in their area of expertise.

The community meeting provided the proper format to share information on the progress and status of the Modesto Tallow Company. There were approximately 50 people in attendance. Interpreters and interpreting equipment was provided, and proved extremely helpful. As a result of the discussions in the meeting, the following were commitments made by Environmental Resources and the Health Service Agency:

1. The geographical area surrounding the Modesto Tallow Company will be surveyed for any contributing odors.
2. A study will be made of Shackelford School, Robertson Road School, and Marshall School attendance records.
3. A notice will be distributed to the surrounding community regarding the compliance status of the Modesto Tallow Company.
4. A community meeting will be scheduled for the latter part of August.

Geographical area survey

Representatives from the SJVAPCD and Environmental Resources identified two potential sources of odors. The first potential source is the livestock yard, adjacent to the Modesto Tallow Company. This facility receives on average 500 animals (sheep, goats, cows, etc.), for the Thursday auction. The livestock stalls are cleaned out every Friday. The manure and straw is stockpiled, and turned to facilitate drying. The manure is removed twice annually. It was last removed in May. Environmental Resources will closely monitor this situation.

The second potential source is the Yosemite Meat Company, located to the north of the Modesto Tallow Company. Yosemite Meat Company processes only swine. The overall operation was found to be clean. Investigations identify the greatest concern with odors is at the time the swine are delivered. Although the odors are intense at the time of delivery, they do not linger. The odors in the area are short-lived as they are lofted through the air. The United States Department of Agriculture has been made aware of the problem. Environmental Resources will monitor this situation.

Study of attendance records

In response to a request made by those in attendance at the community meeting, Dr. John Walker, Stanislaus County Public Health Officer, has been reviewing data on Shackelford, Robertson, and Marshall schools. Dr. Walker's study will evaluate the rate of illnesses at the schools and the rate of complaints from Modesto Tallow Company. He will be prepared to discuss the study with the Board at the meeting of June 19.

Notice regarding compliance status

At the time of writing this report, Environmental Resources is developing a notice regarding the status of Modesto Tallow Company. It will be translated into Spanish and distributed through Shackelford School.

August Community meeting

Arrangements are currently being made to schedule a meeting in the latter part of August.

Department staff will continue to monitor Modesto Tallow Company's progress in meeting the permit requirements of the SJVAPCD. The Department of Environmental Resources will update the Board routinely.

POLICY
ISSUE:

Acceptance of this status report is consistent with the Board's priority of ensuring a safe and healthy community.

STAFF
IMPACT:

None.

San Joaquin Valley Air Pollution Control District

FACILITY: N-2049-0-0

EXPIRATION DATE: 11/30/2003

FACILITY-WIDE REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions from any single source operation shall be no more than 0.1 gr/dscf and visible emissions from any single emission point shall be less than 20% opacity. [District Rules 4101 and 4201]
3. The Air Pollution Control District must be notified as soon as practical of any breakdown, malfunction, event, or action as to cause a malodorous release that may constitute a nuisance odor. [District Rule 4102]
4. The rendering facility, associated equipment, odor control equipment, ductwork, and facility grounds shall be properly maintained and operated in such a manner as to mitigate odors that may constitute a nuisance. All areas of the facility, including all process and storage equipment, are to be kept clean and free from spillage of raw or finished products, refuse, or standing pools of liquid. [District Rule 4102]
5. All roadways, parking areas, load out areas, and staging areas shall be paved and maintained in good condition to mitigate odors that may constitute a nuisance. [District Rule 4102]
6. All process buildings and finished material storage containment areas shall be kept clean and in good repair. [District Rule 4102]
7. All process equipment at this facility shall be maintained and operated in such a manner to minimize fugitive emissions that may constitute a nuisance. [District Rule 4102]
8. All solid and liquid material shall be expeditiously disposed of or processed to mitigate odors that may constitute a nuisance. [District Rule 4102]
9. Finished product shall be loaded into trucks in a manner that will minimize spillage onto the ground or entrainment into the ambient air. [District Rule 4102]
10. All finished products shall be stored in enclosed containers that may include, but are not limited to, buildings, bins, and silos. [District Rule 4102]
11. The Feather Plant Hydrolyzing area, Rendering Plant, and the Dead Stock buildings including all receiving pits and processing equipment associated with each shall be fully enclosed, under negative pressure, and served by odor control equipment. The buildings shall be equipped with inlets for efficient air mixing and air movement to the odor control equipment. Openings to the buildings shall be controlled so each building remains under negative pressure at all times except during the entry or exit of trucks or personnel. The Dead Stock room may be under refrigeration in lieu of being served by odor control equipment. If the District determines that fugitive emissions from the feather dryer are inadequately captured, the facility must take measures to control the emissions. Such measures include but are not limited to enclosing the area and venting to control equipment. [District Rule 4102]
12. All raw materials to be processed shall be unloaded as soon as possible but not to exceed 4 hours of entering the facility grounds unless the vehicle carrying this material is placed in an area that prevents the exposure of the raw material to direct sunlight. The amount of material stored and or staged, which is to be processed by the feather plant shall not exceed 40 tons. The amount of material stored and or staged, which is to be processed by the rendering (meat and bone meal plant) operation shall not exceed 84 tons. [District Rule 4102]

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: MODESTO TALLOW CO INC
Location: 925 CROWS LANDING RD, MODESTO, CA 95351
Apr 28 2000 3:14PM - MENDOZA

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Facility-wide Requirements for N-2049-0-0 (continued)

13. All raw materials must be processed within 24 hours of receipt. All raw materials that cannot be processed within a 24 hour period must be disposed of off site or stored such that the odors from the raw material are processed through an odor control device. [District Rule 4102]
14. If the District determines that the raw material stored or staged outside is causing a nuisance then the facility must take measures to immediately mitigate the problem and ensure that this condition will not be duplicated. Such measures may include but are not limited to enclosures around the affected areas. All staging areas shall only be used for fresh material. [District Rule 4102]
15. All trucks and vehicles shall be washed following unloading and before leaving the unloading area. All raw material trucks shall be maintained so as to prevent leakage of solid and liquid material. [District Rule 4102]
16. If the District determines that the DAF and solids skimmer (including the collection bin) are causing a nuisance then the facility must take measures to ensure that this condition will not be duplicated. Such measures may include but not limited to enclosures around the affected areas. [District Rule 4102]
17. Training of personnel pertaining to plant procedures and operations needed to maintain the effectiveness of the current odor control measures shall be implemented and conducted on a routine basis. Training shall also include the presentation of district permit conditions to MTC personnel. Documentation of the training attendees and the dates and types of training must be maintained on the premises. [District Rule 4102]
18. The facility shall maintain continuous records of wind speed and direction using a calibrated anemometer and wind vane. These records shall be retained on site for at least 3 years and made available to the District upon request. [District Rule 4102]
19. Daily records of all incoming raw material received shall be maintained and made immediately available to the District upon request. The records shall include the type of material, the amount of that type of material, and the time received. These records shall be retained on site for at least 3 years. [District Rule 4102]
20. An annual throughput/production report shall be submitted at the end of each calendar year. This report is due no later than March 31 for the previous year. This report must include actual amounts of materials processed. Each type of material and each type of process must be listed separately. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

Modesto Tallow
Subject Facility Wide Permit

Item	Description	Solution	Completion Date
3.	Notification	Policy	March 1, 2000
4.	General Maintenance	Policy, Repair and Maintenance	July 1, 2000
5.	Roadways	Repair and Maintenance. New construction	January 1, 2002*
6.	Building/Containments	Install new tanks. Repair and	November 1, 2000
7.	Equipment	Policy	July 1, 2000
8.	Expeditions Disposal	Policy	March 1, 2000
9.	Finished Product Loading	Repair and maintenance	November 1, 2000
10.	Finished Product Storage	New Tanks	November 1, 2000
11.	Building and Odor Control	Deadstock building	July 1, 2000
12.	Raw Material Storage	New Shed	July 1, 2000
13.	"24" hour rule	Policy	March 1, 2000
14.	If/then: Raw Material		Unknown
15.	Truck/Vehicle Maintenance	Policy	June 1, 2000
16.	If/then: Wastewater Area		Unknown
17.	Training	Policy	March 1, 2000
18.	Wind speed monitoring	Start (3) years of information	Completed
19.	Incoming Raw Records	Start (3) years of information	Completed
20.	Annual Throughput	Existing Condition	Completed

*Interim repairs to roadways will be made (site plan identifying areas is being developed) with final completion by this date.

MODESTO TALLOW FACILITY WIDE PERMIT CONDITION STATUS (6/7/01)

CONDITION	DESCRIPTION	PROPOSED SOLUTION	SCHEDULED DATE	MODIFIED DATE	STATUS
3	Notification	Policy	03/01/2000		Complete
4	General Maintenance	Policy, Repair and Maintenance	07/01/2000		Complete
5	Roadways	Repair and Maintenance. New Construction	01/01/2002	* (see below)	
6	Buldings/Containments	Repair and Maintenance / POLICY	11/01/2000		Complete
7	Equipment	Policy, Continual Repair and Maintenance	07/01/2000		Complete
8	Expeditious Disposal	Policy	03/01/2000		Complete
9	Finished Product Loading	Repair and Maintenance	11/01/2000		Complete
10	Finished Product Storage	New Tanks	11/01/2000		Complete
11	Building and Odor Control	Deadstock Building	07/01/2000	06/01/2001	
12	Raw Material Storage	Keep In Enclosed Trailers	07/01/2000		Complete
13	"24" hr Rule	Policy	03/01/2000		Complete
14	If/ Then: Raw Material		UNKNOWN		Complete
15	Truck Vehicle Maintenance	Policy	06/01/2000		Complete
16	If/Then: Wastewater Area		UNKNOWN		Complete
17	Training	Policy	03/01/2000		Complete
18	Wind Speed Monitoring	Start 3 yrs of Information	Complete		Complete
19	Incoming Raw Records	Start 3 yrs of Information	Complete		Complete
20	Annual Throughput	Existing Condition	Complete		Complete

* Temporary patch work commenced week of (4/9/01 - 4/13/01).