

**MOORPARK CITY COUNCIL
AGENDA REPORT**

TO: Honorable City Council

FROM: David A. Bobardt, Planning Director *DB*

DATE: October 10, 2007 (CC Meeting of 10/17/2007)

SUBJECT: Consider the Simi Valley Landfill and Recycling Center Expansion Project

BACKGROUND/DISCUSSION

In April of 2007, Waste Management of California filed an application with the County of Ventura for a major modification to a conditional use permit to allow expansion of the Simi Valley Landfill. County staff rejected the application as incomplete. In September, Waste Management responded to the County with additional information. A copy of the revised project description is attached. County staff is now seeking comment from surrounding cities. It is premature to provide detailed comment as the environmental impact report for this project still needs to be completed. Nonetheless, the city should indicate its interest in this project as it could have impacts on the city, particularly through additional truck traffic.

STAFF RECOMMENDATION

Direct staff to send a letter to the County expressing interest in the project.

Attachment: Project Description

EXECUTIVE SUMMARY

The Simi Valley Landfill and Recycling Center (SVLRC) is fully permitted Class III, non-hazardous municipal solid waste landfill and recycling center owned and operated by Waste Management of California, Inc. (WMC). The facility is located on unincorporated land in southeast Ventura County (County) less than a mile northwest of the City of Simi Valley (City). For over 30 years, the SVLRC has been serving the needs of residents in Ventura County, South Santa Barbara County and the West San Fernando Valley.

The SVLRC is currently permitted to accept 3,000 tons per day of material for disposal and 6,250 tons per day of recyclable material, which combine for a total permitted daily limit of 9,250 tons per day. Recycling operations include materials such as green waste, wood waste, asphalt/concrete, white goods, tires and scrap metal. The recycling operations include separate tipping areas for each recycled commodity.

SVLRC has prepared this application for a Conditional Use Permit (CUP) Major Modification to accommodate a lateral and vertical expansion of existing landfill operations and to extend disposal capacity and life of the landfill beyond 2050. The current daily tonnage limit for all materials entering the landfill (disposal tons and recyclables) is proposed to remain at 9,250 tons per day (TPD), while the allocations of material types would change to 6,000 TPD of waste material and 3,250 TPD of recyclable material to accommodate future growth in the communities currently served by SVLRC and the scheduled closure of the Toland Road Landfill operation. Additionally, no significant increase in traffic, beyond that previously evaluated and approved for the existing permitted operations, is anticipated for the landfill component of the project because the combined permitted limits for MSW and recyclable material entering the landfill will be maintained at 9,250 TPD.

The landfill footprint will be expanded to 371 acres for waste disposal, and the CUP boundary will expand to roughly 887 acres, inclusive of approximately 516 acres of buffer area surrounding the disposal footprint. Additionally, the proposed project will expand operations to include a Material Recovery Facility (MRF)/ Recyclables Transfer Facility (RTF), a household hazardous waste collection facility (Simi Valley Environmental Collection Center – SVECC) for the convenience of the public, a new landfill gas to liquefied natural gas (LNG) facility, expansion of the existing landfill gas to energy program to include three additional generator sets, and expansion of the green waste recycling area and provide a location for onsite Construction and Demolition (C&D) debris recycling. SVLRC also intends to relocate the existing waste-hauling yard (GI Rubbish – also owned/operated by WMC) from 195 West Los Angeles Avenue, in Simi Valley, to the landfill.

The proposed Landfill Expansion Project contains four primary components: Disposal Area Physical Limits, Operational Limits/Site Life, Ancillary/Support Facilities, and Recycling and Resource Recovery/Conversion Facilities. These components are briefly described as follows:

1. Disposal Area Physical Limits

- Expanded CUP Boundary - The current CUP boundary is to be enlarged to approximately 887 acres, including 516 acres of expanded buffer area;

- Increased Maximum Elevation – The Maximum fill elevation is to increase to 1270 ft msl (+/- 5 ft)

2. Operational Limits/Site Life

- Daily Tonnage Limits - Maintain currently permitted combined limit of 9,250 TPD (for recycling and disposal of municipal solid waste) but changes material allocation to 6,000 TPD of MSW disposal;
- Extended Site Life – Landfill life to be extended by the proposed project beyond 2050
- Maintain currently permitted landfill traffic.

3. Ancillary/Support Facilities

- Materials Recovery Facility (MRF)/Recyclables Transfer Facility (RTF) – Establish a MRF/RTF facility (up to 72,000 sq ft) on approximately 2 acres within the current property for processing up to 500 TPD of recyclables;
- Simi Valley Environmental Collection Center (SVECC) - Provide a convenient location and safe facility for the public to drop off household hazardous waste;
- Waste Hauling Yard Relocation – Relocate WMC's GI Rubbish waste hauling yard to the existing landfill property, including up to 250 refuse and recycling collection vehicles, from its current location at 195. W. Los Angeles Avenue, Simi Valley, CA;
- Office Facilities - A 25,000 sq.ft. office building is to be constructed within the existing landfill property to consolidate up to 150 staff/management employees of both the landfill and hauling company. The design will include a visitor & education center;
- Heavy Equipment and Vehicle Maintenance Facility - A heavy equipment and vehicle maintenance facility (up to 30,000 sq ft) consisting of approximately 14 service bays is to be constructed within the existing landfill property adjacent to the consolidated office facilities;
- New Scales and Scale House – Three inbound scales and one outbound scale are to be installed along with a new scale house to serve the expanded landfill operations;

4. Recycling and Resource Recovery/Conservation

- Green Waste Facility - The existing green waste processing facility will be enlarged to 10-acres for material staging and processing;
- Provide a location for C&D processing
- Expanded Landfill Gas to Energy Operations - The Landfill Gas to Energy Facility is to be expanded to include 3 additional electrical generation systems;
- Landfill Gas (LFG) to Liquefied Natural Gas (LNG) Facility - Provide for construction of a Landfill Gas to Liquefied Natural Gas (LNG) Facility.

Table 1 on the next page, provides a summary of the currently permitted entitlements under CUP 3142-7, and a direct comparison with those proposed for the project.

Table 1 - Comparison of Existing and Proposed Landfill Expansion Project

Project Feature	Existing	Proposed
Total CUP Area – includes easements (acres)	297	887
Waste Disposal Footprint (acres)	185	371
Landfill Volume (cubic yards)	43.5 million	123.1 million
Waste Capacity (tons)	29.6 million	98.5 million ¹
Permitted Daily Disposal (tons)	3,000	6,000 ²
Total Permitted Daily Volume (tons Disposal & Recyclables)	9,250	9,250 ²
Site Closure Date @3,000 MSW Tons Per Day (TPD) Disposal Tonnage	2024	N/A
Site Closure Date @6,000 MSW TPD	N/A	2051
Maximum Elevation of Refuse Column	1,118	+/-1270
Hours of Operation	6:00am- 8:00pm	6:00am – 8:00pm
Landfill Gas (LFG) to Energy Generators	2	5
LFG to LNG Facility	0	1
Numbers of Employees	25	+/- 400 (incl GI Rubbish)
Square Footage of Building Improvements	20,000	127,000(w/consolidated offices & maint. Shop)

¹ Capacity derived utilizing 1600 lbs per cu. yard density

² Combined disposal of MSW and recyclables will not exceed 9,250 TPD