

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

Facility Name Sunshine Canyon Landfill City/County Project

Location 14747 San Fernando Road, Sylmar California 91342

SITING FACTORS	GENERAL CRITERIA	COMPLIANCE		COMMENTS, IF ANY
		YES	NO	
<b>A. PROTECT THE RESIDENTS</b>				
• Proximity to populations	Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.	X		Complies with the County of Los Angeles Zoning Plan requirements. Landfill operations are permitted use in this zone provided a Conditional use Permit is issued. Property is zoned A-2-2 (Heavy Agriculture-Two acre minimum lot sizes). The County has issued a CUP 86-312-(5) on November 18, 1993.  The City of Los Angeles amended the Los Angeles General Plan to designate the City Landfill site as "Heavy Industrial" and change its zone to "M3-1" on December 9, 1998. General Plan Consistency as mandated by PRC 50000 was established by the City by approval of the General Plan Amendment and zone change. The Zoning Ordinance No. 172933 was approved by the City Council on December 8 1999, and approved by the City Mayor on December 9, 1999.
	Construction of buildings or structures on or within 1,000 feet of a land disposal facility must contain a natural or manmade protective system.	X		Will comply with Section 110 of the building code requirement of the County of Los Angeles. There are no residential building structures within 1,000 feet of the Limits of Fill.  Furthermore, the City of Los Angeles requires maintenance of a 100-acre buffer zone in the southern part of the landfill property to protect the closest residential community.  Los Angeles City Zoning Ordinance Condition B.2.b.
<b>B. ENSURE THE STRUCTURAL STABILITY AND SAFETY OF THE FACILITY</b>				
• Flood hazard areas	Disposal facilities must comply with requirements of the Federal Clean Water Act, as amended and local Stormwater/Urban Runoff requirements.	X		Will comply with the grading requirement of the County and City of Los Angeles, NPDES requirement of the County of Los Angeles and the Stormwater Pollution Prevention Plan of the State Water Resources Control Board.  County's CUP Condition 42 and City Zoning Ordinance Condition C.4.

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	Land Disposal Facilities must be designed, constructed, operated, and maintained to prevent inundation or washout due to floods with a 100-year return period.	X		The site is located in an area categorized by FEMA as "Zone C" with moderate or minimal flood hazard. The site lies entirely outside the area classified by FEMA as the 100-year floodplain.  Will comply with the Stormwater requirement of the California Regional Water Quality Control Board and the grading requirement of the County and City of Los Angeles.  County's CUP Condition 37, 38, and 42 and City Zoning Ordinance Condition C.4.
• Areas subject to tsunamis, seiches, and storm surges	Disposal facilities should avoid areas subject to such events unless designed, constructed, operated, and maintained to preclude failure to such events.	X		Due to its inland location and elevation, the facility is not subject to these coastal phenomena.
• Proximity to active or potentially active faults/seismic	All facilities are to be designed and constructed in accordance with the local building code.	X		Will comply with the building code requirement of the County and City of Los Angeles and Mitigation Monitoring and Reporting Summary (MMRS) Mitigation Measures Nos. 1.
	New or expansion of Class III landfill is prohibited on a known Holocene Fault.	X		Not Applicable.  The closest active Holocene fault is the San Fernando-Sierra Madre Fault, located 3.0 miles from the landfill site.
• Slope stability	Facilities should have engineered design safety features to assure structural stability.	X		Will comply with the MMRS Mitigation Measures Nos. 1, grading requirement of the County and City of Los Angeles, the California Integrated Waste Management Board, and the Waste Discharge Requirements of the CRWQCB-LA Region.
• Subsidence/liquefaction	All facilities should avoid locating in areas subject to such change unless designed, constructed, and maintained to preclude failure as a result of such change.	X		Not Applicable.  The site is underlain by the Towsley Formation, a geologic structure of interbedded sandstone with subordinate amounts of siltstone, mudstone and conglomerates. Landfill liner systems will be founded on this formation, which is solid bedrock and therefore not subject to subsidence or liquefaction.
• Dam failure inundation areas	Facilities should be located outside dam failure inundation areas.	X		Not Applicable.  There is no dam located upslope from the facility site or on any adjacent stream.

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<b>C. PROTECT SURFACE WATER</b>				
• Aqueducts and reservoirs	New and existing Class III landfills should be fitted with subsurface barriers, as well as, precipitation and drainage control facilities.	X		Will comply with the MMRS Mitigation Measures Nos. 2, the grading requirement of the County and City of Los Angeles, drainage requirement of the County of Los Angeles, and the Waste Discharge Requirements of the CRWQCB-LA Region.
• Discharge of treated effluent	Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. On site treatment should be considered if no sewers are available.	X		Will comply with the MMRS Mitigation Measures Nos. 2, the industrial waste discharge permit requirement of the County of Los Angeles and the Waste Containment/Waste Discharge Requirements of the CRWQCB-LA Region
	Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System Permits issued by the Regional Water Quality Control Board.	X		Will comply with the MMRS Mitigation Measures Nos. 2, the grading requirement of the County and City of Los Angeles, drainage and Industrial Waste Discharge requirement of the County of Los Angeles, and the Waste Discharge Requirements of the CRWQCB-LA Region.
<b>D. PROTECT GROUNDWATER</b>				
• Proximity to supply wells and well fields	Facilities must meet State of California's geologic setting criteria for ensuring no impairment of beneficial uses of surface water or of groundwater beneath or adjacent to the landfill.	X		Not applicable.  There are no groundwater extraction wells known to be in use within a one-mile radius of the facility site. Will comply with the MMRS Mitigation Measures Nos. 3, and the Waste Containment/Waste Discharge Requirements of the CRWQCB-LA Region.
• Depth to groundwater	All containment structures must be capable of withstanding hydraulic pressure gradients to prevent failure due to settlement, compression, or uplift.	X		Will comply with the MMRS Mitigation Measures Nos. 3, the grading requirement of the County and City of Los Angeles, drainage requirement of the County of Los Angeles, and the Waste Containment/Waste Discharge Requirements of the CRWQCB-LA Region.
	Class III landfills should be fitted with containment structures that meet specified Federal and State permeability standards. Facility to be fitted with groundwater collection system and leachate collection and removal systems.	X		Will comply with the MMRS Mitigation Measures Nos. 3, the grading requirement of the County and City of Los Angeles, drainage requirement of the County of Los Angeles, and the Waste Discharge Requirements of the CRWQCB-LA Region.
• Groundwater reliability monitoring	Facilities must comply with the California RWQCB permit requirements for groundwater monitoring.	X		Will comply with the Waste Discharge Requirements of the CRWQCB-LA Region.

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• Major aquifer recharge areas	Facilities must meet State of California's minimum requirements for ensuring no impairment of beneficial use of surface water or groundwater beneath or adjacent to landfill.	X		Will comply with the Waste Discharge Requirements of the CRWQCB-LA Region.
• Permeability of surficial materials	Class III landfills should be underlain by a composite liner, consisting of lower clay liner and upper synthetic membrane, and which is of sufficient thickness to prevent vertical movement of fluids including waste and leachate.	X		Will comply with the MMRS Mitigation Measures Nos. 2 and the Waste Discharge Requirements of the CRWQCB-LA Region.
• Existing groundwater quality	Facility should meet California Water Quality Control Board's minimum water quality protection standards and criteria.	X		Will comply with the MMRS Mitigation Measures Nos. 3 and the Waste Discharge Requirements of the CRWQCB-LA Region.
<b>E. PROTECT AIR QUALITY</b>				
• Prevention of significant deterioration (PSD) areas	Facilities located in regions which are classified under PSD regulation as major stationary sources will be required to submit to preconstruction review and apply the Best Available Control Technology.	X		Will comply with the MMRS Mitigation Measures Nos. 6, the County of Los Angeles CUP 00-194-(5), City Zoning Ordinance Condition C.10, and the requirements of the SCAQMD.
• Non-attainment areas	Facilities with air emissions located in non-attainment areas and emitting air contaminants in excess of established limits will require preconstruction review under New Source Review requirements and the obtaining of a Permit to Construct and a Permit to Operate from the South Coast Air Quality Management District.	X		Will comply with the MMRS Mitigation Measures Nos. 6, the County of Los Angeles CUP 00-194-(5), City Zoning Ordinance Condition C.10, and the requirements of the SCAQMD.
• Landfill surface emissions	Class III land disposal facilities are subject to SCAQMD rules and regulations which includes installation of a landfill gas control system and perimeter monitoring probes, as well as, implementation of a monitoring program to ensure that landfill gas emissions do not exceed specified SCAQMD standards.	X		Will comply with the MMRS Mitigation Measures Nos. 6, the County of Los Angeles CUP 00-194-(5), City Zoning Ordinance Condition C.10, and the requirements of the SCAQMD.

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<b>F. PROTECTION OF ENVIRONMENTALLY SENSITIVE AREAS</b>				
• Wetlands	Land disposal facilities should be located outside wetlands areas.	X		<p>Portions of the facility are located in wetland areas, except that City/County Project will not impact any wetland areas. However, will comply with the County of Los Angeles Oak Tree Permit 86-312-(5) Condition 38, City Zoning Ordinance Condition C.9, and MMRS Mitigation Measures No. 1 and 4. Portions of the streambed and wetland area in the canyon bottom will be graded and filled in accordance with the MMRS.</p> <p>As a mitigation, BFI will provide resources for an established mitigation bank or participate in established programs to improve existing wetlands by the removal of invasive exotic plants.</p>
• Proximity to habitats of threatened and endangered species	A facility should not locate in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource.	X		<p>This is an expansion of an existing active Class III landfill. Complies with the County of Los Angeles Zoning Plan requirements. Landfill operations are permitted use in this zone provided a Conditional use Permit is issued. Property is zoned A-2-2. The County has issued a CUP 86-312-(5) on November 18, 1993.</p> <p>In addition, 24 biological surveys conducted at the site between 1978 and 1996 identified several sensitive plant and animal species, but not threatened or endangered species.</p>
• Agricultural lands	A facility located in areas zoned for agricultural uses must obtain a local land use permit from the local jurisdiction.	X		<p>This is an expansion of an existing active Class III landfill. Complies with the County of Los Angeles Zoning Plan requirements. Landfill operations are permitted use in this zone provided a Conditional use Permit is issued. Property is zoned A-2-2. The County has issued a CUP 86-312-(5) on November 18, 1993.</p>
• Natural, recreational, cultural, and aesthetic resources	Facilities should avoid locating in these areas unless the applicant can demonstrate that a facility is compatible with the land use in the area.	X		<p>This is an expansion of an existing active Class III landfill. Complies with the County of Los Angeles Zoning Plan requirements. Landfill operations are permitted use in this zone provided a Conditional use Permit is issued. Property is zoned A-2-2. The County has issued a CUP 86-312-(5) on November 18, 1993.</p>

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• Significant ecological areas	Location of a proposed facility must abide by Federal and State regulations regarding unique or protected species and their habitat.	X		This is an expansion of an existing active Class III landfill. Complies with the County of Los Angeles Zoning Plan requirements. Landfill operations are permitted use in this zone provided a Conditional use Permit is issued. Property is zoned A-2-2. The County has issued a CUP 86-312-(5) on November 18, 1993.
<b>G. ENSURE SAFE TRANSPORTATION OF SOLID WASTE</b>				
• Proximity to areas of waste generation	Facilities should be centrally located near watershed areas to minimize potential impacts associated with greater travel distances.	X		The site is located at the edge of the San Fernando Valley, readily accessible to the major population centers of Los Angeles County.
	Alternate transportation, by rail, may be evaluated in regard to specific sites to be located at distant areas from the watershed.	X		Not Applicable.
• Distance from major route	Distance traveled on minor roads should be kept to a minimum.	X		The San Fernando Road entrance to the site is less than one mile from interchanges with the I-5 and 14 Freeways north and south of the site.
• Structures and properties fronting minor routes	Facilities should be located such that any minor routes from the major route to the facility are used by trucks, and the number of nonindustrial structures is minimal.	X		San Fernando Road, properly considered a major route, fronts only industrial facilities along the segment used for landfill traffic accessing the I-5 and 14 Freeways.
• Highway accident rate	The minimum time path from major watershed areas to a facility should follow highways with low to moderate average annual daily traffic and accident rates.	X		The major transportation corridors are Freeways I-5, I-405, I-210, and SR14, which are maintained by the State of California to carry high traffic volumes with the lowest possible accident rates.
• Capacity vs. average Annual Daily Traffic (AADT) of access roads	The changes in the ratio capacity to AADT should be negligible after calculating the number of trucks on the major and minor routes expected to service the facility.	X		This is an existing active Class III landfill. Complies with the County of Los Angeles Zoning Plan requirements. Landfill operations are permitted use in this zone provided a Conditional use Permit is issued. Property is zoned A-2-2. The County has issued a CUP 86-312-(5) on November 18, 1993.

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H. PROTECT THE SOCIAL AND ECONOMIC DEVELOPMENT GOALS OF THE COMMUNITY				
<ul style="list-style-type: none"> <li>Consistency with General Plan</li> </ul>	<p>The proposed facility must be consistent with the County or City General Plan. Also, it must be in conformance with the Countywide Siting Element of the County of Los Angeles, by obtaining FOC granted by Los Angeles County Solid Waste Management Committee/ Integrated Waste Management Task Force.</p>	X		<p>General Plan consistency determination was approved for the project by the Board of Supervisors on February 19, 1991 (Sub-Plan Amendment 86-312-(5) and Compound Plan Amendment 90-2-(5)). This determination is consistent with Section 50000.5 of the California Public Resources Code.</p> <p>On May 19, 2008, the Task Force issued an FOC for the Sunshine Canyon Landfill, Phase V and the top deck of the Exhibit "A-1" Fill Design—County Project.</p> <p>The City of Los Angeles amended the Los Angeles General Plan to designate the Sunshine Canyon City Landfill site as "Heavy Industrial" and change its zone to "M3-1" on December 9, 1998. General Plan Consistency as mandated by PRC 50000 was established by the City of Los Angeles by approval of the General Plan Amendment and zone change.</p> <p>On April 17, 2003, the Task Force issued an FOC for the portion of Sunshine Canyon Landfill (Unit 2) in the City of Los Angeles.</p>

Linda Lee  
Reviewer

Principal Civil Engineering Assistant  
Title

July 10, 2008  
Date

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Telephone

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