



**SECTION 5.14  
SOLID WASTE**

---

## **5.14 SOLID WASTE**

This section analyzes the solid waste impacts of the proposed project and recommends mitigation measures to reduce the amount of solid waste going to landfills. Specifically, this section compares the solid waste generation of the proposed project with the capacity of the existing landfills operating within the County that accept waste from municipalities and unincorporated areas.

It should be noted that the analysis evaluates the potential solid waste impacts associated with Development Scenarios E and F, since these two development scenarios would result in the highest generation of solid waste of all six development scenarios. These scenarios are described in detail in [Section 3.0, Project Description](#) and the calculation of solid waste generation for each scenario is detailed in Appendix I, Public Service and Utility Calculations.

### **5.14.1 ENVIRONMENTAL SETTING**

#### **STATE PLANS AND POLICIES FOR SOLID WASTE DISPOSAL**

##### **California Integrated Waste Management Act**

The California Integrated Waste Management Act of 1989 (AB 939) required every city and county in the State to prepare a Source Reduction and Recycling Element (SRRE) to its Solid Waste Management Plan, that identifies how each jurisdiction will meet the mandatory State waste diversion goals of 25 percent by the year 1995 and 50 percent by the year 2000. The purpose of AB 939 is to “reduce, recycle, and re-use solid waste generated in the State to the maximum extent feasible.” Noncompliance with the goals and timelines set forth within AB 939 can result in fines up to \$10,000 per day on jurisdictions (cities and counties) not meeting the recycling and planning goals.

The term “integrated waste management” refers to the use of a variety of waste management practices to safely and effectively handle the municipal solid waste stream with the least adverse impact on human health and the environment. AB 939 established a waste management hierarchy as follows:

- Source Reduction;
- Recycling;
- Composting;
- Transformation; and
- Disposal.

## Recycling

Crown Disposal provides weekly curbside collection of solid waste, commingled recyclables and green waste using 65 gallon automated carts. Crown Disposal provides each household with one (1) blue 65-gallon wheeled cart for recyclables, one (1) green 65-gallon wheeled cart for green waste and one (1) gray 65-gallon wheeled cart for solid waste.

In addition to standard individual recycling efforts using the blue 65-gallon collector carts, a screening of all solid waste materials generated from San Fernando is conducted by Crown disposal prior to the materials being land filled at one of the facilities serving the area. This added screening process exceeds all state recycling requirements including AB 939, making the San Fernando program in full compliance with State standards.

## POLICIES FOR SOLID WASTE DISPOSAL

### San Fernando Municipal Code

#### Chapter 70: Solid Waste and Recyclables Collection Services

Section 70-100, Disposal. Directs that all solid waste collected by a collector shall be disposed of by the collector in accordance with all applicable federal, state and local laws and regulations and the controlling collection permit or collection agreement.

Section 70-121, Frequency of Collection. The authorized collector shall collect solid waste from commercial/industrial premises not less than once per week. In no event shall such collection schedule permit the accumulation of solid waste in quantities detrimental to public health or safety. Frequency of collection and size or number of containers may be adjusted by the city if necessary to maintain public health.

Section 70-125, Special Circumstances. If particular commercial/industrial premises require collections at times, frequencies or in a manner such that the collector is unable to perform the collection in the normal course of business, or where unusual quantities of solid waste or special types of material are to be collected and disposed of, or where special methods of handling are required, or where the quantity of solid waste requires the use of multiple (more than three) containers, the collector and the commercial/industrial business owner may make arrangements for such collection on mutually agreeable terms. If the business owner and the collector do not agree as to the methods for the service provided for in this section, the city shall determine the method of service. If the collector is unable or unwilling to provide such service, the city may authorize the business owner to use another solid waste enterprise for such special service until the collector can provide such service in its normal course of business.

Section 70-126, New Commercial/Industrial Buildings. No building permit shall be issued for construction of any commercial/industrial building, including but not limited to multi-family residences, until the adequacy, location and accessibility of solid waste containers has been approved by the city. No certificate of occupancy shall be issued for the premises until the planning department has approved these facilities.

Section 70-86, Building Contractors to Maintain Area. All owners, contractors, builders and demolition contractors shall, at all times, maintain the construction or demolition site and any nearby premises utilized in the construction or demolition in a clean, safe and aesthetic manner and free of any solid waste.

## **EXISTING SOLID WASTE COLLECTION AND DISPOSAL IN THE CITY OF SAN FERNANDO**

Crown Disposal, 9189 De Garmo Avenue in Sun Valley, California currently holds the solid waste disposal franchise for the City of San Fernando. This franchise includes all solid waste curbside collection services, recycling programs, green waste collection, and special consideration for electronic waste streams generated locally.

The City of San Fernando produced approximately 28,171 tons of solid waste in 2005. Historically, waste streams fluctuate due to various factors primarily involving commercial waste streams. The City's solid waste stream over the last five years averages approximately 32,413.6 tons annually.

### **Disposal Capacity**

Currently four primary landfills receive the non-hazardous solid waste generated in the City of San Fernando:

- Chiquita Canyon Sanitary Landfill 919-AA-0052) in Valencia,
- Puente Hills Landfill #6 (19-AA-0053) in City of Industry,
- Sunshine Canyon SLF County Extension (19-AA-0853) in Sylmar, and
- Sunshine Canyon/North Valley Landfill (19-AR-0002) in Sylmar.

The combined remaining capacity for these landfills total 115,605,426 cubic yards; refer to Table 5.14-1, Landfill Disposal Capacity.

**TABLE 5.14-1  
Landfill Waste Disposal Capacity**

Facility	Amount Disposed from San Fernando (tons/year) <sup>1</sup>	Permitted Daily Capacity (tons/day) <sup>2</sup>	Permitted Total Capacity (cubic yards) <sup>2</sup>	Remaining Capacity (cubic yards) <sup>2</sup>
Chiquita Canyon Sanitary Landfill (Los Angeles)	18,066	6,000	63,900,000	35,800,000
Puente Hills Landfill #6 (Los Angeles)	4,776	13,200	106,400,000	49,348,500
Sunshine Canyon Sif County Extension (Los Angeles)	1,892	6,600	37,315,352	17,015,625
Miscellaneous	2,199	--	--	--
<b>Totals</b>	<b>26,933</b>	<b>25,800</b>	<b>207,615,352</b>	<b>102,164,125</b>
<p>1 California Integrated Waste Management Board, Jurisdiction Disposal and Alternative Daily Cover (ADC) Tons by Facility, www.ciwmb.ca.gov, 2006 data.                  2 California Integrated Waste Management Board, Solid Waste Information System (SWIS), www.ciwmb.ca.gov, Retrieved October 17, 2007.</p>				

Several other regional facilities receive waste flow from San Fernando on an over flow or mandatory diversion basis; this alternative diverted flow totaled 2,198 tons in 2005 and does not factor significantly into the remaining capacity of any of the other primary landfills servicing the City of San Fernando.

The *Corridors Specific Plan Mitigated Negative Declaration* projected the potential new development in the Planning Area could total 587 housing units, 138,980 square feet of commercial retail uses, 301,008 square feet of office uses, 105,539 square feet of business park activities, and 89,056 square feet of auto center uses.

Using the generation factors outlined in *Table 5.14-2, Existing and Proposed Project Solid Waste Generation*, the Corridors Specific Plan area could generate approximately 6,155 pounds per day (lbs/day) of solid waste at buildout, which represents 0.02 percent of the total permitted daily capacity. This maximum generation was determined to be within the Permitted Daily Capacity of three of the four primary landfills serving the City, and safely within the combined capacities of all four facilities.

**Existing Solid Waste Generation**

The existing solid waste generation from the parking lots is limited to waste stream flow from the Firestone Tire Center on Lot 4. Using the generation factors from the *Corridors Specific Plan Mitigated Negative Declaration*, which are outlined in *Table 5.14-2*, this 7,000-square foot facility generates approximately 42 lbs/day of solid waste. Much of this waste however, would be

categorized as hazardous materials and require the services of a licensed removal company. Additional information regarding disposal of hazardous materials is discussed in Section 5.7, Hazards and Hazardous Materials. Not all of the waste from this source would contribute to the local San Fernando waste stream. Therefore, the solid waste generated from the existing parking lot sites could be determined to be negligible.

### 5.14.2 SIGNIFICANCE THRESHOLD CRITERIA

The environmental analysis in this section is patterned after the Initial Study Checklist recommended by the *CEQA Guidelines*, as amended, and used by the City of San Fernando in its environmental review process, which is contained in Appendix A of the EIR. The Initial Study includes questions relating to solid waste. The issues presented in the Initial Study Checklist have been utilized as thresholds of significance in this section. Accordingly, a project may create a significant environmental impact if it causes one or more of the following to occur:

- Would be served by a landfill with insufficient capacity to accommodate the project's solid waste disposal needs.
- Would not comply with federal, state, and local statutes and regulations related to solid waste.

Based on these standards, the effects of the proposed project have been categorized as either a "less than significant impact" or a "potentially significant impact." Mitigation measures are recommended for potentially significant impacts. If a potentially significant impact cannot be reduced to a less than significant level through the application of mitigation, it is categorized as a significant unavoidable impact.

### 5.14.3 IMPACTS AND MITIGATION MEASURES

#### CONSTRUCTION-RELATED IMPACTS

- ◆ **CONSTRUCTION WASTE GENERATED BY THE PROPOSED PROJECT COULD INCREMENTALLY DECREASE THE CAPACITY AND LIFESPAN OF LANDFILLS.**

*Level of Significance Before Analysis and Mitigation:* Potentially Significant Impact.

*Impact Analysis:* The proposed project consists of the construction of mixed-use developments comprised of residential, commercial, and restaurant/retail uses. The demolition of the Firestone Tire Center and general construction activities would generate a significant amount of construction related solid waste.

Site preparation (vegetation removal and grading activities) and construction activities would generate typical construction debris, including wood, paper, glass, plastic, metals, cardboard, and green wastes. Construction activities could also generate hazardous waste products. The wastes generated would result in an incremental and intermittent increase in solid waste disposal at landfills and other waste disposal facilities within Los Angeles County, resulting in a potentially significant impact. However, with implementation of recommended mitigation measures as well as compliance with Federal, State, and local statutes or regulations, a less than significant impact would occur.

***Mitigation Measures:***

SW-1 The project applicant/individual project applications shall adhere to all source reduction programs for the disposal of construction materials and solid waste, as required by the City of San Fernando. Prior to issuance of building permits, a source reduction program shall be prepared and submitted to the Director of Public Works for each future structure constructed on the subject properties to achieve a minimum 50 percent reduction in waste disposal rates, including green waste.

***Level of Significance After Analysis and Mitigation:*** Less Than Significant Impact.

**OPERATIONAL IMPACTS**

- ◆ **DEVELOPMENT ASSOCIATED WITH THE PROPOSED PROJECT COULD GENERATE SOLID WASTE THAT COULD INCREMENTALLY DECREASE THE CAPACITY AND LIFESPAN OF LANDFILLS.**

***Level of Significance Before Analysis and Mitigation:*** Potentially Significant Impact.

***Impact Analysis:*** Development of the proposed project would increase the service demand for solid waste disposal within the project area. Additionally, the proposed project would contribute to the capacity diminishment at the landfills currently serving the project area. However, as demonstrated in Table 5.14-1, adequate Daily Capacity and Remaining Capacity exists at the landfills currently serving the City of San Fernando and the project area.

The proposed project would generate up to 1,430 lbs/day of solid waste, as shown in Table 5.14-2. This represent 23 percent of the projected waste generation anticipated in the *Corridors Specific Plan* (refer to Table 5.14-2) for the planning area. The proposed project would be required to comply with applicable State and local regulations, thus reducing the amount of landfill waste by at least 50 percent.

**TABLE 5.14-2**  
**Existing and Proposed Project Solid Waste Generation**

Land Use	Description	Generation Rate	Generation Per Specific Plan	Proposed Projected Generation
Residential	587 units	4.0 lbs/day/unit	2,348 lbs/day	1,044 lbs/day
Commercial /Retail	138,980 sf	6.0 lbs/day/1,000 sf	834 lbs/day	386 lbs/day
Business Park	301,008 sf	6.0 lbs/day/1,000 sf	1,806 lbs/day	--
Office	105,539 sf	6.0 lbs/day/1,000 sf	633 lbs/day	--
Auto Center	89,056 sf	6.0 lbs/day/1,000 sf	534 lbs/day	--
<b>TOTALS</b>	--	--	<b>6,155 lbs/day</b>	<b>1,430 lbs/day</b>

Source: City of San Fernando Community Development Department.  
sf = square feet; lbs = pounds.

The proposed project would represent 0.005 percent of the total permitted daily capacity tonnage, and as previously noted, development under the *San Fernando Corridors Specific Plan* would represent 0.02 percent of that capacity. As indicated in *Table 5.14-1*, the landfills serving the City have a daily permitted tonnage of 25,800 tons per day. The landfills serving the project area have available permitted capacity, and therefore would accommodate the proposed project's solid waste disposal needs. With implementation of recommended mitigation measures as well as compliance with Federal, State and local statutes or regulations, a less than significant impact would occur.

**Mitigation Measures:**

- SW-2 The project applicant shall consult with the City planning staff and the solid waste franchise holder on collection service requirements including trash bin placement.
- SW-3 The project applicant shall comply with all applicable City, County and State regulations and procedures for the use, collection and disposal of solid and hazardous wastes.

*Level of Significance After Analysis and Mitigation:* Less Than Significant Impact.

**5.14.4 CUMULATIVE IMPACTS AND MITIGATION MEASURES**

- ◆ DEVELOPMENT ASSOCIATED WITH THE PROPOSED PROJECT AND OTHER RELATED CUMULATIVE PROJECTS COULD RESULT IN CUMULATIVELY CONSIDERABLE IMPACTS TO LANDFILL DISPOSAL CAPACITY IN LOS ANGELES COUNTY.

*Level of Significance Before Analysis and Mitigation:* Potentially Significant Impact.

**Impact Analysis:** The development of the proposed project and associated cumulative projects within the local area will have an impact on solid waste collection and disposal services within the project area. The cumulative demand for solid waste collection and disposal services would be approximately 2,976.4 lbs/day, as shown in *Table 5.14-3, Cumulative Projects Solid Waste Generation*.

**TABLE 5.14-3  
 Cumulative Projects Solid Waste Generation (No Recycling)**

Land Use	Description	Generation Rate	Generation Per Specific Plan	Cumulative Generation
Residential	1,780 units	4.0 lbs/day/unit	2,348 lbs/day	1,044 lbs/day
Commercial /Retail	453,364 sf	6.0 lbs/day/1,000 sf	834 lbs/day	386 lbs/day
Office	9,407 sf	6.0 lbs/day/1,000 sf	633 lbs/day	56.4 lbs/day
Auto Center	10,000 sf	6.0 lbs/day/1,000 sf	534 lbs/day	60 lbs/day
Proposed Project	--	--		1,430 lbs/day
<b>TOTALS</b>	--	--	6,155 lbs/day	<b>2,976.4 lbs/day</b>

Source: City of San Fernando Community Development Department.  
 sf = square feet; lbs = pounds.

This cumulative total represents 0.010 percent of the Permitted Daily Capacity for the primary landfills servicing the project area. Sufficient daily and remaining capacities exist to service the project and cumulative developments. Therefore, cumulative impacts would be less than significant.

Development associated with the proposed project and related cumulative projects would contribute to the reduction of landfill capacity within the County. Although the proposed project would not significantly impact existing landfill capacity, the increase in solid waste generation from the project and related cumulative projects together could significantly impact the finite resources associated with solid waste disposal. The proposed project and related cumulative projects would be required to meet current recycling goals, reducing the amount of solid waste requiring disposal at landfills. The proposed project would not result in significant cumulative impacts in this regard.

**Mitigation Measures:** Refer to Mitigation Measures SW-1 through SW-3. No additional mitigation measures are required.

**Level of Significance After Analysis and Mitigation:** Less Than Significant Impact.

### 5.14.5 SIGNIFICANT UNAVOIDABLE IMPACTS

All impacts related to solid waste resulting from implementation of the proposed project are reduced to less than significant levels with the imposition of mitigation measures. As such, no significant unavoidable impacts would result from development of the San Fernando Parking Lots Project.

This page intentionally left blank.