

Sacramento Entertainment and Sports Center & Related Development

Draft Environmental Impact Report

**Project Number: P13-065
State Clearinghouse Number: SCH 2013042031**

December 2013



**Prepared for:
City of Sacramento
Community Development Department
Environmental Planning Services**

**Prepared by:
Environmental Science Associates
With Assistance by:
Fehr & Peers
ALH Urban & Regional Economics
JRP Historical Consulting
A. Graham & Associates**



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Cover art provided by: AECOM

**TABLE 4.11-12
ESTIMATED SOLID WASTE GENERATION, EXISTING FACILITIES**

Land Use Category	2004-2012 Average Occupied Area	Units	Solid Waste Generation Factor	Solid Waste Generation (tons/yr)
Retail/Commercial	493,294	square feet	2.5 lb/100 sf-d	2,251
Office	139,057	square feet	1 lb/100 sf-d	254
Hotel	0	units	3.2 lbs/unit=day	0
Residential	0	units	0.7 tons/unit-yr	0
Arena	480,000	square feet	Usage data, 2012	310
Total				2,815

SOURCE: Waste hauling records from the existing Sleep Train Arena; other values calculated (estimated) by ESA, 2013

**TABLE 4.11-13
ESTIMATED SOLID WASTE GENERATION, PROPOSED FACILITIES AND NET INCREASE**

	Proposed Use	Units	Solid Waste Generation Factor	Solid Waste Generation (tons/yr)	Net Increase (tons/yr)
Retail/Commercial	350,000	square feet	2.5 lb/100 sf-d	1,597	-654
Office	475,000	square feet	1 lb/100 sf-d	867	613
Hotel	250	units	3.2 lbs/unit=day	146	146
Residential	550	units	0.7 tons/unit-yr	385	385
ESC	697,000	square feet	1.29 tons/1000 sf-yr	676	365
Total				3,670	856

SOURCE: Calculated by ESA, 2013

Waste generated by the Proposed Project would be removed from the site by the City and/or private haulers, and either recycled in accordance with City programs and requirements, or landfilled at Kiefer Landfill or transported and landfilled at the Lockwood Landfill in Sparks, Nevada. As noted previously, these facilities together currently have approximately 383 million cubic yards⁴³ in available capacity. Project related wastes would represent less than one tenth of one percent of total annual capacity for these two landfills. Because, sufficient landfill capacity would be available to serve the project, the Proposed Project would not require new or expanded solid waste management or disposal facilities. Additionally, implementation of typical recycling rates and SWA recycling requirements would result a portion of the total waste stream being diverted to recycling. This would further minimize impacts to landfill capacity. Therefore, the impact would be *less than significant*.

⁴³ One cubic yard is equivalent to approximately 0.1125 tons uncompacted, or approximately 0.375 tons compacted, as waste would arrive at the landfill from trucks or other transport equipment.