

LANDFILL CAPACITY

For your convenience, we have provided space below for your answers. If you choose to answer these questions in the form of a letter, please number your responses to correspond to the questions. We would very much appreciate a response by June 1, 2009. Please fax your responses to Nicole Dubois at (949) 553-8076 or if you prefer to email, my email address is nicole.dubois@lsa-assoc.com. If you prefer to respond via telephone, we can accommodate your request.

1. Please evaluate the following statement and indicate any changes that should be made in the space below. If possible, please fill in the blank spaces below.

The project area is located within [OC Waste & Recycling \(OCWR\)](#) Department's service area. [OCWR](#) administers the countywide Integrated Waste Management Plan. [OCWR](#) owns and operates 3 active landfills and 4 household hazardous waste collection centers, and monitors 12 closed landfills. All three landfills are permitted as Class III landfills. Class III landfills accept all types of nonhazardous municipal solid waste for disposal; however, no hazardous or liquid waste can be accepted.

The Frank R. Bowerman Landfill is the closest [OCWR](#) landfill to the project site (approximately 15 miles [mi]) and would be expected to provide waste disposal for the proposed project once operational. The Frank R. Bowerman Landfill, which is permitted to receive a daily maximum of no more than 8,500 tons of solid waste per day, is approximately 725 acres (ac) in size, 341 ac of which are permitted for refuse disposal. The landfill opened in 1990 and is scheduled to close in approximately 2022. As of June 30, 2006, the landfill has a remaining air space capacity estimated at approximately [64.38](#) million cubic yards [as of 6/30/08](#).

[OCWR](#) prepared an EIR for the expansion of the Frank R. Bowerman Landfill that will add capacity and extend the site's life until approximately 2053. The Orange County (County) Board of Supervisors approved the project and certified the Final EIR on August 14, 2006. [OCWR is fully permitted for the landfill expansion](#).

Although the Frank R. Bowerman Landfill would likely accept waste from the project once it is operational, it is anticipated that the 300,000 cubic yards of dirt removed from the proposed project site would be disposed of at the Prima Deshecha Landfill in the City of San Juan Capistrano (approximately 21 miles from the proposed project site). Prima Deshecha Landfill is permitted to accept up to 4,000 tons of waste per day. Prima Deshecha Landfill totals approximately 1,530 ac, with 699 ac permitted for refuse disposal. The landfill was opened in 1976 and is scheduled to close in approximately 2067. As of [6/30/08](#), the landfill has a remaining air space capacity estimated at approximately [135.09](#) million cubic yards.

Both landfills are subject to regular inspections from the California Integrated Waste Management Board (CIWMB) and the Board's Local Enforcement Agency (LEA), the California Regional Water Quality Control Board (RWQCB), and the South Coast Air Quality Management District (SCAQMD) to ensure compliance with applicable regulations.

In 1989, the California Integrated Waste Management Act (AB 939) was passed, which mandated a 25 percent reduction of waste being disposed of in the landfill system by 1995 and a 50 percent reduction by 2000. In response to AB 939, the California Integrated Waste Management Board (CIWMB) was established to monitor compliance with waste reduction requirements. According to the CIWMB, all counties within the State are required to have an approved Countywide Integrated Waste Management Plan (CIWMP), which outlines methods for waste diversion and demonstrating sufficient solid waste disposal capacity for a minimum of 15 years. In compliance with AB 939, Orange County prepared a CIWMP, which is kept current, demonstrating the required 15-year disposal capacity and allowing disposal of a maximum daily imported waste stream of 1,000 tons per day through 2015. [Imported tonnage varies depending on demand. It is limited by the solid waste facility permit for each site.](#)

2. As provided in Table A, does **OC Waste & Recycling** agree with the generation factors below, which will be used in the environmental document to determine the amount of refuse generated per proposed land use? If not, please suggest generation factors to be used and adjust units as necessary. **OC Waste & Recycling agrees.**

Table A: Estimated Solid Waste Generation

Land Use	Area	Generation Factor	Listed Waste Generation Source Category	Estimated Solid Waste Generation (tons per year)
Proposed Relocation of City Hall				
City Hall building, meeting hall, and Council Chambers	98,000 sf or 295 employees	0.59 tons/employee/year	Government	174.05
Parking Structure	450 spaces	No generation factor applicable	n/a	n/a
Newport Beach Central Library	17,000 sf	0.0013 tons/sf/year	Education/Schools	26
Proposed Use for Existing City Hall Facilities (Commercial/Office)				
Existing City Hall (minus Fire Department)	40,612 sf or 253 employees	0.0108 tons/sf/year	Office	439

Source: California Integrated Waste Management Board, Estimated Solid Waste Generation Rates for Institutions: <http://www.ciwmb.ca.gov/wastechar/WasteGenRates/Institution.htm> (accessed April 24, 2009).
sf = square feet

3. Will the proposed project create a need to expand existing facilities/staff, construct a new facility, or otherwise adversely impact the types of service you provide? Please explain.
No. The project will not result in the need for new or expanded landfill facilities.

4. Based on the information provided, will **OC Waste & Recycling** be able to adequately serve the proposed project? If not, can you recommend any measures for mitigating project impacts that might be incorporated into the project?
Yes. No mitigation recommended.

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