

Attachment J

Revised Project Design Capacity

4. *Project Design Capacity*

As initially approved for construction under its Conditional Use Permit, Sunshine Canyon County Extension Landfill had an estimated airspace volume of approximately 23,500,000 cubic yards and a disposal capacity of approximately 16.9 million tons of refuse, within a waste footprint stated as 215 acres. Subsequent design studies determined that the stated disposal capacity would be developed within approximately 119.5 acres of the permitted area determined to be feasible for construction of lined disposal cells with an estimated disposal capacity of 15.9 million tons of solid waste.

The addition of Phases V, VI and VII to the County Extension Landfill will add approximately 42 acres to the lined area, bringing the total to 161.5 acres. It will add approximately 13,929,000 cubic yards of airspace, resulting in a total design capacity for the County Extension Landfill of approximately 37,315,000 cubic yards and 25.4 million tons of solid waste, assuming an in-place density of approximately 1,360 pounds/cubic yard.

The design capacity of each phase within the County is as follows

Phase	Acreage	Volume Capacity (cubic yards)	Waste Capacity (tons)
I-IV	119.5	23,386,400	15,939,000
I – IV Additional	-	3,029,000	2,064,000
V	17.8	4,900,000	3,340,000
VI	16.7	4,200,000	2,862,000
VII	7.5	1,800,000	1,227,000
Total	161.5	37,315,400	25,432,000

The total capacity of the combined City/County Landfill is 90 million tons of refuse, including 16.9 million tons currently permitted and being placed in the Sunshine Canyon County Extension Landfill.

5. *Waste Material to be Handled*

Sunshine Canyon Landfill receives residential and commercial non-hazardous solid waste¹ and inert waste as defined by 27 CCR 20230(a)². No (untreated) infectious

¹ Non-hazardous solid waste includes all putrescible and non-putrescible solid, semi-solid, and liquid wastes, including garbage, trash, refuse, paper, rubbish, ashes, industrial wastes, demolition and construction wastes, abandoned vehicles and parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid or semisolid wastes and other discarded waste (whether of solid or semi-solid consistency), treated autos shredder waste, and other wastes approved by the CRWQCB/SWRCB for acceptance at Sunshine Canyon Landfill.

² 27 CCR 20230(a): "Inert waste is that subset of solid waste that does not contain hazardous waste or soluble pollutants at concentrations in excess of applicable water quality objective, and does not contain significant quantities of decomposable waste."