

**ATTACHMENT DR 71-1**  
**CONSTRUCTION WASTE TABLE**

### Construction Phase

During construction, the primary waste generated will be solid nonhazardous waste. However, some nonhazardous liquid waste and hazardous waste (solid and liquid) will also be generated. The types of waste and their estimated quantities are described below and summarized in Table DR 71-1 below.

TABLE DR 71-1  
Potential Wastes Generated during the Construction Phase at the PSEGS Facility

Waste	Origin	Composition	Estimated Quantity	Classification	Disposal
Scrap wood, steel, glass, plastic, paper, calcium silicate insulation, mineral wool insulation	Construction of facility	Normal refuse	180 tons	Non-hazardous	Recycle and/or dispose of in a Class II or III landfill
Scrap Metals	Construction of facility	Parts, containers	1 ton per month during construction	Non-hazardous	Recycle and/or dispose of in a Class III landfill
Unused concrete	Construction (power tower and building foundations)	Rock, sand, cement	Less than 1,000 pounds per month during construction	Non hazardous (dry)	Recycle or dispose of in a Class III landfill.
Empty hazardous material containers	Construction of facility	Drums, containers, totes	100 containers*	Hazardous and non-hazardous solids	Containers < 5 gallons will be disposed as normal refuse. Containers > 5 gallons will be returned to vendors for recycling or reconditioning
Spent welding materials	Construction of facility	Solid	1 ton	Hazardous	Disposal at a Class I landfill
Waste oil filters	Construction equipment and vehicles	Solids	200 pounds per month	Non-hazardous	Recycle at a permitted treatment, storage, and disposal facility (TSDF)
Used and waste lube oil	ST lube oil flushes and equipment vehicles	Hydrocarbons	12,000 gallons (life of project construction)	Hazardous	Recycle at a permitted TSDF
Oily rags, oil sorbent excluding lube oil flushes	Cleanup of small spills	Hydrocarbons	3,000 pounds during construction	Hazardous	Recycle or dispose at a permitted TSDF
Solvents, paint, adhesives	Construction of facility	Varies	180 pounds per month	Hazardous	Recycle at a permitted TSDF
Spent lead-acid batteries	Equipment and Trucks	Heavy metals	10 batteries per year	Hazardous	Store no more than 10 batteries (up to 1-year) - Recycle offsite

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Potential Wastes Generated during the Construction Phase at the PSEGS Facility

<b>Waste</b>	<b>Origin</b>	<b>Composition</b>	<b>Estimated Quantity</b>	<b>Classification</b>	<b>Disposal</b>
Spent alkaline batteries	Equipment	Metals	50 batteries per month	Universal Waste solids	Recycle or dispose offsite at a Universal Waste Destination Facility
Steam turbine cleaning waste	Pre-boiler piping	Corrosive cleaning chemicals	200 gallons before plant startup	Hazardous or non-hazardous liquid	Dispose at a permitted TSDF
Sanitary waste	Portable toilet holding tanks	Sewage sludge	Approx. 200 gallons per day	Non-Hazardous Liquid	Remove by contracted sanitary service
Fluorescent, mercury vapor lamps	Lighting	Metals and polychlorinated biphenyls (PCBs)	100 pounds per year	Universal Waste solids	Recycle or dispose offsite at a Universal Waste Destination Facility
Passivating and chemical cleaning fluid waste	Pipe cleaning and flushing	Varies	200,000 to 400,000 gallons (life of project construction)	Hazardous or non-hazardous liquid	Sample and characterize—if clean (meets regulatory standards), discharge to the surrounding area or use for dust control; otherwise, manage appropriately offsite
Hydrotest water	Testing equipment and piping integrity	Water	400,000 gallons (life of project construction)	Hazardous or non-hazardous liquid	Sample and characterize—if clean, (meets regulatory standards) discharge to the surrounding area or use for dust control; otherwise, manage appropriately offsite (see Section 5.15)

\*Containers include < 5-gallon containers and 55-gallon drums or totes