

HOWCO - St. Petersburg
Solid Waste Processing

Provided below are estimates of the volumes of solid waste that may be processed for 2007 based on previous years history and anticipated market conditions. As a matter of context, in 2005, liquids processed at the facility (i.e., used oil, oily waters, PCW, antifreeze, water soluble oil, and gasoline) totaled 7,458,672 gallons. The 243,000 gallons of solid waste anticipated to be processed in 2007 represents approximately 3% of the total volume of materials processed at the facility.

Material	Amount	Ultimate disposal	How managed
Drummed absorbents, pads and booms	15,000 gallon	Mostly Landfill, some to WTE if we have MSDS sheets	consolidated into larger rollofs, no reclamation
Petroleum Sludge Most comes from offsite, but some is generated onsite	160,000 gallons	Waste to Energy	reclamation, solids sent to WTE. .
Petroleum Contaminated Soils	15,000 gallons	Landfill	consolidated into larger rollofs, no reclamation
Petroleum Contaminated Debris	40,000 gallons	Most can go to Waste to Energy, some will go to Landfill	they try to do some reclamation
Drums of grease or asphaltic material	13,000 gallons	Landfill	Drums sent directly for disposal, may reclaim free liquids
Waste Water Treatment Sludge generated on-site	25,000 gallon	Landfill	no reclamation

The above totals 268,000 gallons. However, the waste water treatment sludge is not a solid waste accepted for processing at the facility, it is a waste that is generated by the facility. While this material clearly needs to be properly managed, it has not been counted towards the amount of solid waste accepted by the facility. Therefore, we are using 243,000 gallons for this number.

HOWCO anticipates that approximately 200,000 gallons, or 82 percent of the solid waste accepted at the facility will be processed for oil reclamation, water recovery and treatment for subsequent use by the City of St. Petersburg's recycled water program, with remaining solids sent for energy recovery to a waste to energy facility. Approximately 43,000 gallons, or 18 percent of the solid waste received, will be disposed of with little or no processing. This means that about 0.6% of the total material accepted at the facility is being disposed of with no attempt at energy recovery.