

Plain Language Summary

Stolthaven Houston, Inc. (CN600124820) operates Stolthaven Houston Terminal (RN100210475), a biological wastewater treatment plant and bulk liquid storage facility. The facility leases on-site storage tanks and offers direct transfer operations to customers who have distribution needs by truck, rail, barge, or parcel tankers. The facility receives internal pipeline, tank and railcar cleaning waters; washdown of slab areas; boiler condensate; contaminated storm water from product loading areas and manifolds; and biotreatable third-party wastewater streams. The facility is located at 15602 Jacintoport Blvd, in Houston, Harris County, Texas 77015. The application request is to renew the existing permit to discharge wastewater to the Houston Ship Channel.

Discharges from the facility via wastewater Outfall 001 are expected to contain Total Organic Carbon; Biochemical Oxygen Demand, 5 day; Total Suspended Solids; Oil and Grease; Aluminum, Total; Phenols; Total Organic Halogens; Methylene Chloride; Naphthalene; Phenol; 1,1,1-Trichloroethane; 1,1,2-Trichloroethane; Toluene; Acrylonitrile; Benzene; Carbon tetrachloride; Chlorobenzene; Chloroform; Dichlorobenzene; Ethylbenzene; Tetrachloroethylene; Trichloroethylene; N-nitrosodiethylamine s; N-nitrosodiethylamine 6; Arsenic, Total; Cadmium, Total; Chromium, Total; Cobalt, Total; Copper1 Total; Lead, Total; Mercury, Total; Tin, Total; Zinc, Total; Acetone; Acetophenone; Bis(2-ethylhexyl) phthalate; 2-Butanone; Butylbenzyl phthalate; Carbazole; o-Cresol; p-Cresol; n-Decane; Fluoranthene; n-Octadecane; Pyridine; 2,4,6-Trichlorophenol. Discharge from the facility via wastewater Outfall 003 are expected to contain Carbonaceous Biochemical Oxygen Demand, 5-day; Ammonia Nitrogen; Total Organic Carbon; Total Suspended Solids; Oil and Grease; Dissolved Oxygen; "Enterococci"; Cyanide, Free 3; Cyanide, Free 4; Total Organic Halogens; Methylene Chloride; Naphthalene; 1,1,1-Trichloroethane; 1,1,2-Trichloroethane; Toluene; Acrylonitrile; Benzene; Carbon Tetrachloride; Chlorobenzene; Chloroform; Dichlorobenzene; Ethylbenzene; Tetrachloroethylene; Trichloroethylene; Arsenic, Total; Cadmium, Total; Chromium, Total; Cobalt, Total; Copper, Total; Lead, Total; Mercury, Total; Tin, Total; Zinc, Total; Acetone; Acetophenone; Bis(2-ethylhexyl) phthalate; 2-Butanone; Butylbenzyl phthalate; Carbazole; o-Cresol; p-Cresol; n-Decane; Fluoranthene; n-Octadecane; Phenol; Pyridine; 2,4,6-Trichlorophenol; "Whole Effluent Toxicity (WET) Limits >100% (Parameter 51713) s Mysidosis bahia (24-hour acute LC50 6)". Discharges from the facility via wastewater Outfalls 004/006 are expected to contain Total Organic Carbon and Oil and Grease.

Discharge types from Outfall 001 include non-contaminated stormwater, contaminated stormwater, steam trap release water, hydrostatic test water, fire-fighting equipment test water, and fire water line flushing water. Discharge types from Outfall 003 include boiler blowdown, treated domestic wastewater, contaminated stormwater, and centralized waste treatment wastewater (including washwater). Discharge types from Outfall 004/006 include non-contaminated stormwater, steam trap release water, hydrostatic test water, and fire-fighting equipment test water. Discharges are treated by biological treatment.

