



SWA Water Australia

Water & Waste Water Engineers

SWA Industrial Experience

Oil & Gas Industry

SWA Water Australia has designed & built a number of treatment plants and has supplied its own proprietary equipment to many Oil & Gas industry projects.

SWA supply to the Oil & Gas industry has been varied, depending on the specific needs of the clients, projects including:

- Oil refineries & fuel terminals
- LNG plants
- Biodiesel, edible oil processing & grease trap effluent treatment plants
- Condensate recovery plants

SWA's equipment, plants and service caters for:

- Design & construction of complete turnkey plants, including storage, balancing, oil recovery, emulsion breaking, DAF separation, biological treatment & sludge dewatering
- Oil separators & DAF plants for Oil Refineries
- Oil refinery sour liquor - DAF with chemical treatment to remove sulphide
- Oil terminals – SWA factory made oil separators
- Modular plate packs custom designed to retro fit into existing API separators or concrete channels
- Oil recovery plants
- Emulsion breaking plants
- Activated carbon filters

SWA has plants installed in approx 20 countries including Nigeria & the Middle East, India, China, S E Asia, Australia, NZ, USA & Peru.



Fuel Terminal, Malaysia - 36,000 m3/d



Oil Terminal, UAE - 1,200 m3/d



Oil Refinery, Indonesia - 4,320 m3/d



**PTTGC I4 Olefin WWTP – 50 m3/h
DAF & Oil Separator**



**Shell Monas Lube Oil Blending Plant
Jakarta, Indonesia 60 m3/hr**



Oil Terminal, UAE - 1,200 m3/d

Other recent projects:

- Dung Quat Oil Refinery, VN
- Biodiesel plant, Indonesia
- Ecowater Oil recovery plant, USA
- CBI LNG plant, Peru
- Paratutu Oil Terminal, NZ
- Vopak fuel terminal, Sydney, Australia
- Petronas oil terminal, Malaysia
- Toribika, Edible oil, Indonesia
- Transpacific grease trap effluent, Australia
- Oleo Fats Biodiesel plant, Philippines
- Origin Energy – Oil Field condensate plant, NZ
- Todd Energy, Oil Terminal, NZ
- Todd Energy, Oil Field condensate plant, NZ

SWA **SOME RECENT SWA OIL & GAS PROJECTS**



Fuel Terminal, Sydney - 2,800m³/d



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Fuel Terminal, Sydney - 2,800m³/d



SWA DAF - 10m³/h



SWA DAF - 10m³/h



SWA DAF - 10m³/h



Oil Refinery, concrete tanks with SWA plate pack



Oil Refinery, concrete tanks with SWA plate pack



Oil Refinery, concrete tanks with SWA plate pack



**Paratutu Oil Terminal, NZ
SS316 60m³/h Oil Separator**



SWA DAF with reaction tank - 20 m³/h



SWA DAF with reaction tank & recycle control system - 20m³/h