

TANK FARM



Tank Farm ETP
Oil Discharge bays
Filling station bays
Railway and Port facility

Oil water separation system



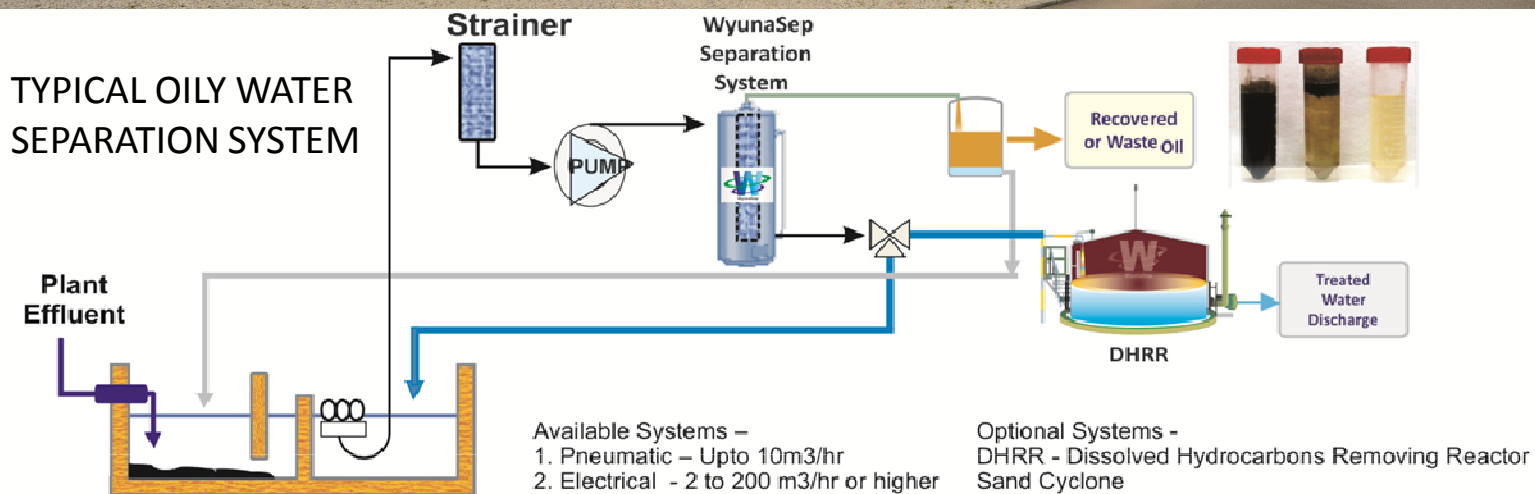
There are many possible applications for WyunaSep Separator at Tank farm. Oil discharge bays, Lube bays, Fuel storage areas, Rail services, Port Facilities, Refueling bays, Workshops, Vehicle washing bays.

Tank Farm and Fuel farm storm water: The storage tanks and their accompanying pumps, filters, and piping are usually contained in a dike or bream for safety reasons in case of a spill or fire. Rainwater that falls within the dikes area will become contaminated with leaks from the tanks, from valves or flanges or perhaps from changing the fuel filter cartridges and must be treated if discharged to surface waters to meet the “no sheen” requirement of the EPA Act. Separators for this application require careful design to manage possible spills (with the usual accompanying fire-hose wash down of the area) as well as the normal flow of storm water.

WyunaSep has experience in this type design and can offer both equipment and design suggestions for safe effective treatment of the water from fuel farms.

Airport , Sea Port & mine site Fueling Aprons: Similar design conditions exist for fueling aprons as apply to fuel farms, but the possible spills are usually much less in volume.





BENEFITS:

- Most efficient, and cost effective solution to water treatment problems
- Cleans water without chemicals – 95% of 20µ oil droplets removed in single pass
- Effluent can be recycled for continuous treatment
- Compact, 10 to 20% the size and weight of conventional systems
- Low maintenance - Hydrocyclone has no moving parts
- Modular add-on features allows customers to achieve higher production efficiencies -cleaner environmental outcomes while meeting government regulations
- Compact design for reduced footprint and weight, Wear resistant materials of construction for increased reliability and low maintenance
- Flexible operation for variations in rates
- Manual or fully automated , fixed or portable systems available
- Very short residence time (in the order of seconds)
- Quicker separation of oil & solids reduces many issues like odour, Dissolved hydrocarbon process, bacterial /fungi generation etc.
- Power supply – only one motor for pump - Pneumatic version up to 10m³ available
- Highly consistent performance & Proven technology

Available module Capacity : From 2 to 1000 m³/hr, Higher capacities can be designed on request

Why "WyunaSep" is a better technology than conventional systems



10 m³/hr- IOCL Bijwasan site –Conventional oily water separator



FuelF- 3 pneumatic – 10 m³/hr

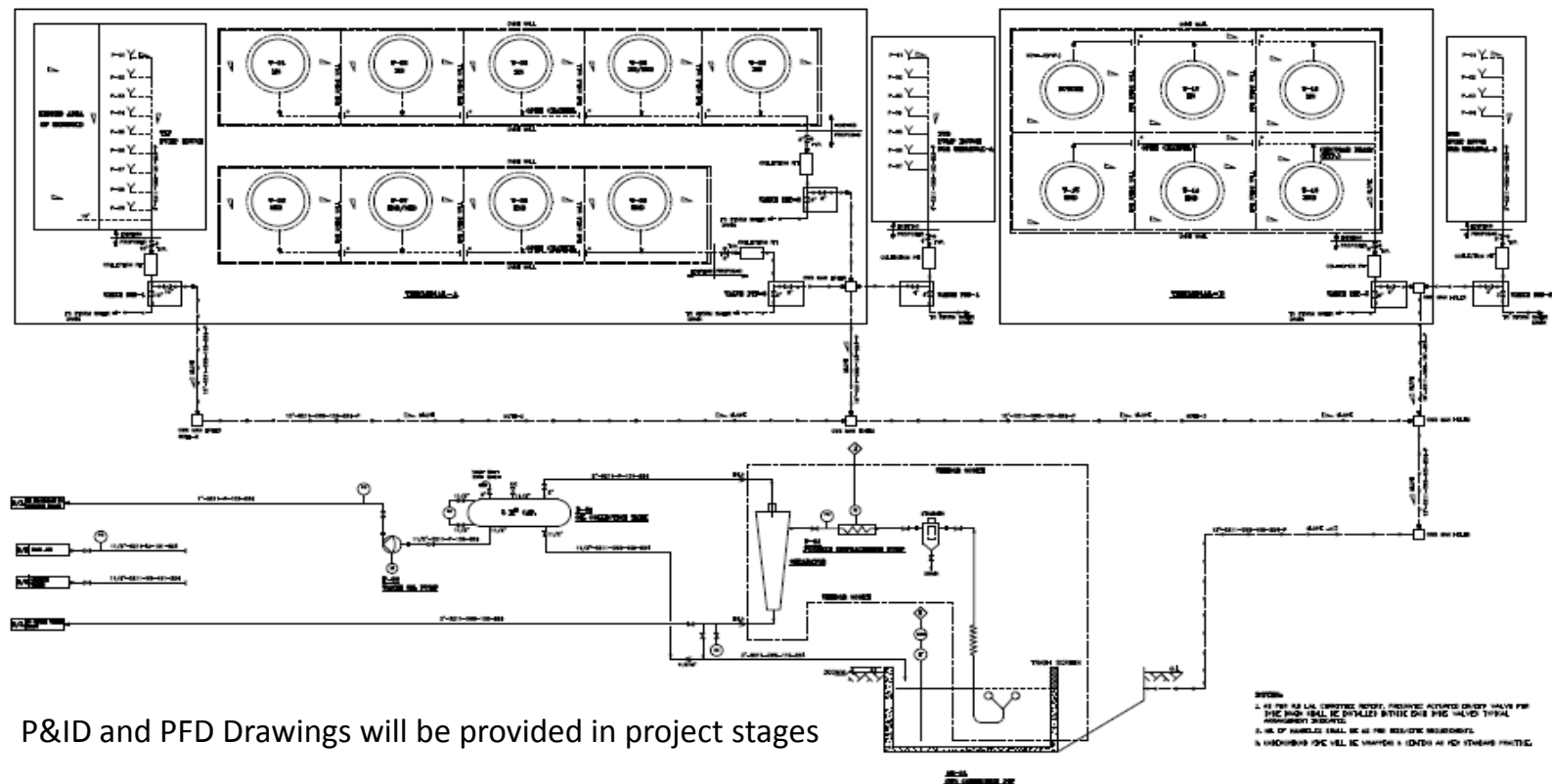


FuelF-15 – 15 m³/hr



FuelF- 15 without strainer – 20 m³/hr

Above models are Similar Capacity 10 m³/hr Wyuna Oil Water Separator system



P&ID and PFD Drawings will be provided in project stages