



EPA regulations for facilities typically include SPCC plans requiring an oil/water separator.

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### UTILIZING AN OWS IN SPCC PLAN FOR DATA CENTERS

Highland Tank worked with the specifying engineer and project managers to design a stormwater treatment system in the drainage area for a large data center project in the Pacific Northwest.

A data center is a mission critical facility and typically requires a back-up generator system in the event of a power outage. The back-up generator system will utilize either aboveground or underground diesel fuel storage tanks.

If the data center stores diesel fuel for emergency generators that is more than 1,320 gallons in total aggregate volume, 660 gallons aboveground in a single container, or 42,000 gallons of below ground aggregate volume, the owner of the data center is required to develop, implement, and maintain a Spill Prevention, Control and Countermeasure (SPCC) plan.

The SPCC plan must include spill prevention and cleanup procedures, inspection procedures for containers/ASTs/USTs, recordkeeping, and training. It's often required that a professional engineer signs off on the plan.



To assist with the SPCC plan and storm water runoff compliance, the design engineer selected Highland Tank's 1-HTC-25,000 gallon and 2-HTC-40,000-gallon underground UL 2215 approved and labeled oil water separators.

These oil water separators are designed with double-wall steel type I 360 wrap and a leak detection system, two float oil alarms with NEMA 4X control panels, interior polyurethane coating, exterior HighGuard coating systems for corrosion protection, H20 rating on the vessel construction and steel thickness requirements for vehicle traffic, grade level covers, and complete anchoring system with hold down straps and concrete deadmen for all three oil/water separators.

The oil/water separators are typically installed to accept the dike drainage from the tank farm or drum storage area, the loading racks where the transfer of oil is taking place, and by any electrical equipment to safeguard against potential electrical hazards associated with standing water.

Highland Tank has supplied both large oil/water separators for oil spill containment and to treat storm water runoff, and smaller volume units to treat wastewater collected inside a facility's sumps and drainage areas.

Please visit the following links to learn more about Highland Tank's oil water separators-  
<https://www.highlandtank.com/oil-water-separators/>

EPA SPCC regulations-  
<https://www.highlandtank.com/regulatory-links/>



Highland Tank Oil/Water Separators assist with SPCC plans at a data center in the Pacific Northwest.

Call 631-935-3116 today or visit us at [www.highlandtank.com](http://www.highlandtank.com) for more information on wastewater treatment systems.

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