



## Oil/Water Separator – Design Survey

Company: \_\_\_\_\_ Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

Contact: \_\_\_\_\_ Mobile: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

Address1: \_\_\_\_\_ Email: \_\_\_\_\_

Address1: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Line of Business: \_\_\_\_\_

Project Name: \_\_\_\_\_ Location: \_\_\_\_\_

Highland Tank's high-efficiency Oil/Water Separators feature our patented Corella® coalescers and can be UL-SU2215 labeled. They can be designed to handle high-flow rates, contain large spills and remove oils with a specific gravity up to .95. API-421 design criteria can be employed to engineer a separator to the specified wastewater flow rate, temperature, oil globule size and specified gravity of oil and wastewater.

1. In what type of facility will the oil/water separator (OWS) be installed?

Fuel Dispensing/Offloading Location

Vehicle Maintenance/Washdown

Storage Tank Dike Drainage

Storm Water Management

Industrial Process

Other: \_\_\_\_\_

2. Is there a preference for one of the following types of Oil/Water Separator?

Aboveground

Underground

3. Is secondary containment required?

Yes

No



4. What will be the function of the oil/water separator in this application? (select all that apply)

Storm water processing – direct discharge into environment

Hydrocarbon spill containment (\_\_\_\_\_ gallons)

Process floor drain(s) flow before discharge into sanitary sewer

Process floor drain(s) flow before discharge into storm sewer or direct ground discharge

Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. What is the expected maximum flow rate into the separator? \_\_\_\_\_ GPM

6. If the separator is being used for storm water processing, what is the surface area to be drained? \_\_\_\_\_ Ft<sup>2</sup>

7. Are you replacing an existing oil/water separator, or do you require a specific volume?

Yes No

If yes, what is the volume? \_\_\_\_\_

8. Is there a minimum/maximum oil storage or spill capacity requirement for the separator system?

Storage            Yes            No            Min. Gal. \_\_\_\_\_            Max. Gal. \_\_\_\_\_

Spill                Yes            No            Min. Gal. \_\_\_\_\_            Max. Gal. \_\_\_\_\_

9. What is the nature and specific gravity range of the oil/grease going into the separator?

Nature: \_\_\_\_\_  
\_\_\_\_\_

Specific gravity range: \_\_\_\_\_ to \_\_\_\_\_





19. Are there any physical size limitations? *List all limited dimensions*

Length \_\_\_\_\_ Height \_\_\_\_\_ Width \_\_\_\_\_

No Size Limitations

20. For vehicle wash applications, what type of detergent/cleaner will be used?

\_\_\_\_\_

*Note: "quick release" or "OWS Safe" must be used*

21. What is the available power at the project location?

Volts \_\_\_\_\_ Phase \_\_\_\_\_

22. Is a level sensor/panel required? *(Note: Required for UL 2215)*

Yes

No

23. Are explosion proof electrical components/enclosures required?

Yes

No

24. Is an internal lining required?

Yes

Polyurethane

Epoxy

No

25. Please list any other site considerations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please contact your Highland Tank Representative for more information, and to discuss any other options that may benefit or be required for your oil/water separator.

Highland Tank & Manufacturing

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