



Oil/Water Separator – Design Survey

Company:	Phone: (
Contact:	Mobile: (
Address1:	Email:
Address1:	<u>-</u>
City:	State: Zip:
Line of Business:	
Project Name:	Location:
be UL-SU2215 labeled. They can be designed to l remove oils with a specific gravity up to .95. API-4	21 design criteria can be employed to engineer a mperature, oil globule size and specified gravity of oil
Other:	
Is there a preference for one of the followir Aboveground	ng types of Oil/Water Separator? Underground
3. Is secondary containment required?	
Yes	No



8.

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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							
	Hydrocarb	Hydrocarbon spill containment (gallons)					
	Process flo	Process floor drain(s) flow before discharge into sanitary sewer					
	Process flo	oor drain(s) flov	w before di	scharge into storm	sewer or direct ground discharge		
Other:							
5	What is the av	rooted maxim	um flow rat	te into the separator	·2 CDM		
Э.	what is the ex	cpecieu maxim	uiii ilow rai	e into the separator	· GPIVI		
_	16.11						
ó.	·	•		water processing, v	vhat is the		
	surface area t	o be drained?		Ft²			
7.	Are you replace	cing an existing	oil/water s	separator, or do you	require a specific volume?		
	Yes			No			
	If yes, wha	at is the volume	?				
s t	there a minimu	m/maximum oil	storage o	r spill capacity requi	rement for the separator system?		
			3	the section of	,		
	Storage	Yes	No	Min. Gal	Max. Gal		
	Spill	Yes	No	Min. Gal	Max. Gal		
`	What is the no	not is the nature and specific gravity range of the cil/graces going into the concreter?					
 What is the nature and specific gravity range of the oil/grease going into the Nature: 							
	0 15 11						
	Specific gravit	ty range:		to			



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10. What is the typical inlet oil concentration?	ppm	Unknown	
11. What is the estimated temperature of the was	tewater?		
Ambient	_ ° F		
12. What is the nature of the wastewater?	Fresh	Salt	
13. Is there a need for a grit chamber or interceptor solids/debris?	or preceding the	e oil/water separator	to capture
Yes	No		
14. Is there a maximum oil/grease effluent quality	for the oil/wate	r separator?	
Yes (ppm)	No	•	
Note: Highland Tank Oil/Water Separators are 10 PPM			
15. Can the separator be used as a gravity flow-ir	n and <u>gravity</u> flo	w-out system?	
Yes	No		
If not, explain elevation variables			
16. Are you pumping into the proposed oil/water s	separator?		
Yes	No		
If so, describe pump type			
ii 30, describe pump type			
Note: Positive displacement pump is recommended			
17. If oil/water separator is to be installed undergr be?(Measured from the top of the tank to grad		the burial depth Ft	
Is the OWS going to be installed in a vehicle to	raffic area?	Yes	No
18. If OWS is aboveground, is freeze protection re	equired?	Yes	No



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19.	Are there any physic	cal size limitations? List	all limited dimensions				
	Length	Height	Width				
	No Size Limitation	ons					
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	<u></u>				
22.	ls a level sensor/par	nel required? (<i>Note: Req</i>	quired for UL 2215)				
	Yes		No				
23.	Are explosion proof Yes	electrical components/e	nclosures required? No				
24.	ls an internal lining r	equired?					
	Yes	Polyurethane	Ероху				
	No						
25.	Please list any other	r 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
One Highland Road, Stoystown, PA 15563
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