



# Oil Water Separator

## Evaluation Form

Client: \_\_\_\_\_ Contact: \_\_\_\_\_ Position: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Type of business: \_\_\_\_\_

Describe the problem: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Present method of disposal:

- Waste Hauler       Storm Drain       Septic Tank  
 Sanitary Sewer (POTW) (Attach copy of discharge limits)  
 Other (describe) \_\_\_\_\_

Has site been fined or put on notice by E.P.A., POTW, or local regulatory agency?  Yes  No  
If yes explain why?

\_\_\_\_\_  
\_\_\_\_\_

Are previous effluent lab reports available?  Yes  No (If Yes, attach copy(s) of reports)

Customer wants to:

- Discharge (Attach discharge limits)  
 Recycled (Describe below if there is a specific quality of the water required for recycle use)

\_\_\_\_\_  
\_\_\_\_\_

### EFFLUENT CHARACTERIZATION

Effluent volume: (Answer all rates in applicable column to determine maximum and averages)

	Discharge	
Flow, GPM	_____	Hours per day _____
Daily Avg.	_____	Days per week _____
Weekly Avg.	_____	
Monthly Avg.	_____	



Does the effluent being discharged experience surge in flow rate?  Yes  No  
If so, what is the max GPM during a surge? \_\_\_\_\_

How will the effluent be fed to into the oil water separator?  
\_\_\_\_\_

Is rainwater prevented from entering the waste stream?  Yes  No  
If no, what are the regulations pertaining to excess rainwater deposited into the system?  
\_\_\_\_\_  
\_\_\_\_\_

(Attach regulations concerning storm water runoff for the site)

Effluent stream analysis:

pH Level: \_\_\_\_\_ Oil Content(ppm): \_\_\_\_\_

TSS: \_\_\_\_\_ mg/l TDS: \_\_\_\_\_ mg/l BOD: \_\_\_\_\_ COD: \_\_\_\_\_

Effluent Temperature: \_\_\_\_\_ Oil Global Size (Mircon): \_\_\_\_\_

Specific Gravity of Oil: \_\_\_\_\_ Specific Gravity of Water: \_\_\_\_\_

Density of Water: \_\_\_\_\_ Density of Oil: \_\_\_\_\_

**Required Oil Content Discharge Limit (ppm):** \_\_\_\_\_

Are detergents being used?  Yes  No  
If so, list the presence of solvents, oxidants, ect...  
\_\_\_\_\_  
\_\_\_\_\_

Are detergents oil emulsifying?  Yes  No (Attach applicable MSDS Sheets)

Is customer willing to change cleaning chemicals if necessary?  Yes  No



**SITE SPECIFICS**

**Location**

Installation:             Indoors             Outdoors

Location:                 Above Ground             Below Ground             Flush with Grade

Tank Construction:     Fiberglass             Stainless Steel             Carbon Steel

Temperature at site (°F): \_\_\_\_\_ Max \_\_\_\_\_ Min \_\_\_\_\_

Other special considerations: \_\_\_\_\_

**Utilities**

Available Electrical Voltages:

460-480 3 ph  
Delta \_\_\_\_ or Wye \_\_\_\_  
List phase voltages above GND  
A \_\_\_\_ B \_\_\_\_ C \_\_\_\_  
Max. Amps \_\_\_\_\_

208-220 1ph \_\_\_\_ 3 ph \_\_\_\_  
Delta \_\_\_\_ or Wye \_\_\_\_  
List phase voltages above GND  
A \_\_\_\_ B \_\_\_\_ C \_\_\_\_  
Max. Amps \_\_\_\_\_

110-120 - 1 ph  
Max. Amps \_\_\_\_\_

Cycle: 60hz \_\_\_\_ 50hz \_\_\_\_

**Existing Wash Equipment**

Is there currently a system in place for treatment of effluent:

\_\_\_\_\_  
\_\_\_\_\_

**Notes:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## **BASIC SITE LAYOUT**

Include and label all that apply: **(Include pictures if possible)**

- |  |                      |                                |
|--|----------------------|--------------------------------|
| A: Wash pad  | F: Sumps             | J: Storage Tanks (above/below) |
| B: Pressure Washers/Cleaners   | G: Sewer             | K: Walls                       |
| C: Equipment Pad   | H: Electrical panels | L: Hose Bibbs                  |
| D: Solids Collection Trench  | I: Water supply      | M: Access Doors                |
| E: Existing Underground Utilities and<br>Underground Storage Tanks (UST's) |                      | N: Covered Areas               |
|  |                      | O: Exposed Areas               |
|  |                      | P: Gas Line                    |
|  |                      | Q: Building Height             |

**Dimensions are Important**

