

# Baffle or Coalescing Plate Oil/Water Separator Inspection Checklist



Date: \_\_\_\_\_ Site Address: \_\_\_\_\_

Asset Description/location: \_\_\_\_\_ Inspector(s): \_\_\_\_\_

| Maintenance Component                     | Condition When Maintenance Is Needed  | Maintenance Standard                                       | Meets Standard?<br>NO or YES or N/A<br><i>("NO" response = maintenance is needed)</i> | Notes or Maintenance Needed |
|---|---|--|---|-----------------------------|
| <b>Access</b><br><i>(may be multiple)</i> | Blocked access and/or opening   | Less than 10% blocked                                      |   |                             |
|   | Lid/grate/frame missing, damaged, or stuck; and/or locking mechanism missing or not working | No defects and locks properly                              |   |                             |
|   | Ladder rungs missing or unsafe  | Safe and sound   |   |                             |
| <b>Structure</b>                          | Frame to top slab gap   | Less than 3/4-inch gap                                     |   |                             |
|   | Cracks/holes in walls, bottom, or top slab  | Cracks less than 1/2-inch wide/holes less than 2 sq-inches |   |                             |
|   | Sediment/debris/trash accumulation in sump or on coalescing plates                          | Less than 6-inches in sump and none on plates              |   |                             |
|   | Oil accumulation at water surface   | Less than 1-inch   |   |                             |
|   | Ventilation pipes plugged/blocked   | Less than 50%  |   |                             |
|   | Baffles corroded, cracking, warping, and/or signs of failure                                | Baffles are up to specifications                           |   |                             |
|   | Coalescing plates broken, deformed, cracked and/or signs of failure                         | Plates are up to specifications                            |   |                             |
|   | Shutoff valve damaged or inoperable   | No defects   |   |                             |
|   | Gravity drain valve, damaged, not sealed, or inoperable                                     | No defects   |   |                             |
| <b>Inlet/Outlet Pipes</b>                 | Blocked or damaged  | No blocking or damage                                      |   |                             |
|   | Sediment/debris/trash accumulation in pipe  | Less than 20%  |   |                             |
| <b>Discharge Water</b>                    | Evidence of poor water quality in effluent discharge  | Water is clear with no visible sheen                       |   |                             |
| <b>IDDE Screening</b>                     | Illicit discharge and/or connection evident (pollution)                                     | No illicit discharge or connection                         |   |                             |
| <b>Other</b>                              | Other defects <i>(insert notes/comments)</i>  |  |   |                             |

Comments: \_\_\_\_\_