**Treatment BMPs
Checklist T-1, Part 7**

Prepared by: Date: District-Co-Route:

PM: Project ID/EA: RWQCB:

***Gross Solids Removal Devices (GSRDs)***

***Feasibility***

1. Does the project site require trash treatment as documented in the WQAR? [ ]  Yes [ ]  No
2. Are the devices sized for flows generated by the peak drainage facility design event (1-year, 1-hour) or can peak flow be diverted? [ ]  Yes [ ]  No
3. Are the devices sized to contain gross solids (litter, debris and vegetation) for a period of one year? [ ]  Yes [ ]  No
4. Is there sufficient access for maintenance and large equipment (vacuum truck)? [ ]  Yes [ ]  No

If “No” to any question above, then Gross Solids Removal Devices are not feasible. Note that Bioretention, Infiltration Devices, Detention Devices, Dry Weather Flow Diversion, and Media Filters may be considered for litter capture.

1. Does adequate area exist within the RW to place Gross Solids Removal Devices? [ ]  Yes [ ]  No

If “Yes”, continue to Design Elements section. If “No”, continue to Question 6.

1. If adequate area does not exist within RW, can suitable, additional RW be acquired to site Gross Solids Removal Devices and how much RW would be needed? \_\_\_\_\_\_\_\_\_ acres [ ]  Yes [ ]  No

If “Yes”, continue to Design Elements section. If “No”, continue to Question 7.

1. If adequate area cannot be obtained, document in Section 6 of the SWDR that the inability to obtain adequate area prevents the incorporation of this Treatment BMP into the project. [ ]  Complete

***Design Elements – Linear Radial Device***

**\* Required Design Element –** A “Yes” response to these questions is required to further the consideration of this BMP into the project design. Document a “No” response in Section 6 of the SWDR to describe why this Treatment BMP cannot be included into the project design.

**\*\* Recommended Design Element –** A “Yes” response is preferred for these questions, but not required for incorporation into a project design.

1. Does sufficient hydraulic head exist to place the Linear Radial GSRD? \* [ ]  Yes [ ]  No
2. Is a fiberglass reinforced plastic frame and grate being considered for high vandalism areas? Consult District Maintenance. \*\* [ ]  Yes [ ]  No
3. Was the litter accumulation rate of 3 to 75 gal/ac/yr. (or a different rate recommended by District Maintenance) used to size the device? [ ]  Yes [ ]  No
4. Was the overflow release device sized for the design storm event?\* [ ]  Yes [ ]  No
5. Were the standard detail sheets used for the layout of the devices? \*\* [ ]  Yes [ ]  No

If No, consult with OHSD and District/Regional Design Stormwater Coordinator.

1. Is the maximum depth of the storage within 10 ft of the ground surface, or another depth as required by District Maintenance? \* [ ]  Yes [ ]  No

***Design Elements – Inclined Screen***

**\* Required Design Element –** A “Yes” response to these questions is required to further the consideration of this BMP into the project design. Document a “No” response in Section 6 of the SWDR to describe why this Treatment BMP cannot be included into the project design.

**\*\* Recommended Design Element –** A “Yes” response is preferred for these questions, but not required for incorporation into a project design.

1. Does sufficient hydraulic head exist to place the Inclined Screen GSRD? \* [ ]  Yes [ ]  No
2. Was the litter accumulation rate of 3 to 75 gal/ac/yr. (or a different rate recommended by District Maintenance) used to size the device? \* [ ]  Yes [ ]  No
3. Is a fiberglass reinforced plastic frame and grate being considered for high vandalism areas? Consult District Maintenance. \*\* [ ]  Yes [ ]  No
4. Was the overflow release device sized for the design storm event?\* [ ]  Yes [ ]  No
5. Were the standard details sheets used for the layout of the devices? \*\* [ ]  Yes [ ]  No

If No, consult with OHSD and District/Regional Design Stormwater Coordinator.

1. Is the maximum depth of the storage within 10 ft of the ground surface, or another depth as required by District Maintenance? \* [ ]  Yes [ ]  No

***Design Elements – Trash Nets***

**\* Required Design Element –** A “Yes” response to these questions is required to further the consideration of this BMP into the project design. Document a “No” response in Section 6 of the SWDR to describe why this Treatment BMP cannot be included into the project design.

**\*\* Recommended Design Element –** A “Yes” response is preferred for these questions, but not required for incorporation into a project design.

1. Does sufficient hydraulic head exist to place the Trash Net? \* [ ]  Yes [ ]  No
2. Was the litter accumulation rate of 3 to 75 gal/ac/yr (or a different rate recommended by District Maintenance) used to size the device? \* [ ]  Yes [ ]  No
3. Can the Trash Net be placed outside Waters of the US or State? \* [ ]  Yes [ ]  No

If No, consult the District/Regional NPDES Coordinator to determine whether BMP is allowed or can be maintained.

1. Was the overflow release device sized for the design storm event?\* [ ]  Yes [ ]  No
2. Were the standard details sheets used for the layout of the devices? \*\* [ ]  Yes [ ]  No

If No, consult with OHSD and District/Regional Design Stormwater Coordinator.

1. Has a transition channel been provided for flows >5 ft/s?\*\* [ ]  Yes [ ]  No
2. Has energy dissipation been provided for flows >15 ft/s if appropriate?\*\* [ ]  Yes [ ]  No

***Design Elements – Capture Housing BMPs***

**\* Required Design Element –** A “Yes” response to these questions is required to further the consideration of this BMP into the project design. Document a “No” response in Section 6 of the SWDR to describe why this Treatment BMP cannot be included into the project design.

**\*\* Recommended Design Element –** A “Yes” response is preferred for these questions, but not required for incorporation into a project design.

1. Is the Design Storm hydraulic grade line at least 9” from the top of grate for the Capture Housing and all other inlets contributing for Capture Housing-2? \* [ ]  Yes [ ]  No
2. Was the litter accumulation rate of 3 to 75 gal/ac/yr (or a different rate recommended by District Maintenance) used to size the device? \* [ ]  Yes [ ]  No
3. Were the standard details sheets used for the layout of the devices? \*\* [ ]  Yes [ ]  No

If No, consult with OHSD and District/Regional Design Stormwater Coordinator.

1. Is the maximum depth of the storage within 10 ft of the ground surface, or another depth as required by District Maintenance? \* [ ]  Yes [ ]  No
2. Has the inlet flow for a Capture Housing-2 Single Inlet Bypass been treated by an upstream trash BMP\* [ ]  Yes [ ]  No
3. Has an upstream splitter box been provided for Capture Housing-2 Double Inlet Bypass BMP?\* [ ]  Yes [ ]  No