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## Central Valley Regional Water Quality Control Board

### **Controllable Sediment Discharge Source (CSDS) Inventory Instructions**

(CSDS Identification Inventory Instructions for General Order for Nonpoint Source Discharge Activities Order Number R5-2024-0059)

**Federal Agency** – Indicate USFS or BLM

**Administrative Unit** – Include the National Forest name and Ranger District or the BLM Field Office

**Date Recorded** – Provide the date that the CSDS was first observed or reported

**Type of Assessment Performed** – Indicate how the CSDS was identified: during the initial project assessment, appurtenant road assessment, as a Discharge Incident, through Effectiveness Monitoring, or other (provide explanation)

**HUC12 Watershed** – Provide the HUC12 Watershed name and number where the CSDS is located

**CSDS ID** – Provide a unique identifier for each CSDS (must match the CSDS ID on the project map)

**Road Number/Trail Name** – Provide the road number (or name) or trail name the CSDS is located on (if applicable). If associated with other infrastructure, include identifying name or reference to the infrastructure

**GPS Coordinates** – Include the GPS Coordinates where the CSDS is located (Decimal Degrees)

**Erosion Type** – Provide the location of erosion: Road and/or Landing Drainage (R, LD), Watercourse Crossing (WC), Landslide (L), Channel Initiation (CI), Gullyng (G), or other (provide explanation)

**Waterbody Affected** – Indicate the waterbody type that is currently, or could be, impacted by the CSDS (e.g., perennial, intermittent, or ephemeral watercourse, lake, wet meadow, etc.)

**Site Description** – Provide a brief site description of the issue. Indicate if CSDS is located at or associated with a watercourse crossing, if watercourse crossing, identify name of watercourse, classification, and crossing type

**Estimate of Existing Sediment Discharge** – Provide a volume estimate of existing sediment discharge from ocular estimates in cubic yards (e.g., less than 1 yd<sup>3</sup>, 1-5 yd<sup>3</sup>, 5-10 yd<sup>3</sup>, 10-20 yd<sup>3</sup>, greater than 20 yd<sup>3</sup>) enter estimated values over 30 yd<sup>3</sup> (see examples below)

**Estimate of Potential Sediment Discharge** – Provide a volume estimate of potential sediment discharge from ocular estimates in cubic yards (e.g., less than 1 yd<sup>3</sup>, 1-5 yd<sup>3</sup>, 5-10 yd<sup>3</sup>, 10-20 yd<sup>3</sup>, greater than 20 yd<sup>3</sup>) enter estimated values over 30 yd<sup>3</sup> (see examples below)

**Proposed Treatment** – Provide a brief description of the proposed treatment to address the CSDS and mitigate the threat to water quality

**Priority** – Indicate the CSDS treatment priority level:

- Low – treat prior to the end of covered project activities.
- Moderate – treat within one year of start-up of covered project activities.
- High – treat prior to the upcoming winter period.
- Deferred – Must verify the CSDS was added to a centralized CSDS tracking system under Treatment Status

**Treatment Status** – Update regularly for CSDS that are treated (including date), remain untreated, or deferred and inventoried in a centralized CSDS tracking system

**Reason for Deferment** – Describe reasons for deferment

**BMP Implementation Date** – Provide the date that BMPs were established

**Other Details** – Add explanations for Type of Assessment Performed-Other and/or Waterbody Affected-Other

### Examples of Sediment Volume Estimates

Calculation:

$(\text{length (feet)} \times \text{width (feet)} \times \text{depth (feet)}) / 27 = \text{approximate fill volume (yd}^3\text{)}$

Visual Estimations:

- Less than 1 yd<sup>3</sup> = a compact pickup with a 4' by 6' bed being 3/4 full or less
- Between 1 and 5 yd<sup>3</sup> = a compact pickup with a 4' by 6' bed filled to the top or an 8' wide by 11' long by 2' high container filled to the top (see image below)
- 5 yd<sup>3</sup> and greater (see image below)

