# Method 2: Clearing, Grubbing, Grading, and Placement ofTemporary Fill

**Project Title:**

**Project CIP Number:**

*See Section 3 of the SBE, Method 2 for a complete description of the activity and conservation measures for this method. You need this information to fill out this form.*

**What activities will be conducted under this method? Complete those sections below related to the following activities:**

[ ]  Clearing

[ ]  Grading

[ ]  Grubbing

[ ]  Temporary fill

Will any of these activities occur within buffer zones around sensitive areas (e.g. within 50 ft of stream or lake)? [ ]  Yes [ ]  No

If yes, please describe impact to buffer zone (a map showing impact area may be useful):

Is the impact area the minimum size necessary to conduct work? [ ]  Yes [ ]  No

Has a plan been developed to restore native vegetation (see Method 13)? [ ]  Yes [ ]  No

Clearing: removal (or pruning) of vegetation

1. Clearing will remove how much vegetation?       ft2

2. Describe the vegetated habitat that will be cleared (e.g., riparian shrub; riparian shrub and herbaceous; riparian shrubs with 2 conifers (~ 15 years old); etc.):

Grubbing: root and organic debris removal

1. Grubbing will remove how much vegetation?       ft2

2. Describe the vegetated habitat that will be grubbed (e.g., *English Ivy, Himalayan blackberry, Japanese knotweed, Scot’s broom, clematis vitalba, English holly, morning glory, etc.*):

Grading: moving earth generally to establish access or staging areas or to prepare sites for foundation installation

1. Grading will remove how much vegetation?       ft2

2. Describe the habitat that will be graded (e.g., *riparian shrub; riparian shrub and herbaceous; riparian shrubs with 2 conifers (~ 15 years old); etc.*)

3. What will the final slope of the graded area be (e.g., *2%; 2H:1V, etc.*):

4, Is graded area sloping towards a sensitive area? [ ]  Yes [ ]  No

 If yes, are measures being used to minimize erosion and sediment input into the sensitive area? [ ]  Yes [ ]  No

Temporary fill

1. Explain why temporary fill will be used?
2. Will any fill be placed in waters or wetlands?
3. Provide necessary information in table:

| Yes | No | Use of Temporary Fill  | Amount of FillFill Type (e.g., gravel, sand, etc.) | Fill Placed in Water or Wetlands |
| --- | --- | --- | --- | --- |
| [ ]  | [ ]  | Stockpiling |       yd3Type:       | [ ]  No [ ]  Yes |
| [ ]  | [ ]  | Access roads |       yd3Type:       | [ ]  No [ ]  Yes |
| [ ]  | [ ]  | Work pads |       yd3Type:       | [ ]  No [ ]  Yes |
| [ ]  | [ ]  | Other:       |       yd3Type:       | [ ]  No [ ]  Yes |
| [ ]  | [ ]  | Other:       |       yd3Type:       | [ ]  No [ ]  Yes |

4. What methods will be used to protect sensitive areas from the placement of temporary fill?

[ ]  Timber mats [ ]  Other biodegradable material\*

[ ]  Pallets [ ]  Hay\*

[ ]  Metal sheeting [ ]  Hog fuel (wood waste)\*

[ ]  Other (describe):

\*complete removal of these materials is not required

5. Will a geotextile separator be used under the temporary fill? [ ]  Yes [ ]  No

6. Will all imported soil and rock be removed and the surface area be regraded and replanted to equal or better condition? [ ]  Yes [ ]  No

7. Will area be graded or regraded to equal or better condition? [ ]  Yes [ ]  No

8. Provide additional information (if needed) on this construction method.

Conservation Measures

The following table contains the conservation measures identified for Method 2. The table only provides a brief summary of the conservation measures. Please see Section 4 of the SBE for a complete description of each conservation measure. To get programmatic coverage by the Corps and Services for projects using this method, all conservation measures identified below must be included with the project (see Section 10 of the SBE). If, for some reason, a conservation measure is not applicable, or will not be used, you MUST provide a reason the conservation measure is not applicable or will not be used in the “Provide additional information” section below. Provide any additional conservation measures that may be implemented but are not listed. These may be found in Section 4: Conservation Measures of the SBE or in the City Standard Specifications.

| **Conservation Measures** | **Description** | **Included in****Project?** |
| --- | --- | --- |
| 1 | Approved work window |  |
| 7 | Limit clearing and grubbing areas to minimum required, retain vegetation to maximum extent |  |
| 9 | Implement BMPs to prevent erosion of excavated material |  |
| 12 | Use sediment barriers to prevent erosion and sediment from entering waterbodies |  |
| 13 | Keep erosion control materials onsite to respond to emergencies |  |
| 14 | Use curb inlet sediment traps and geotextile filters to capture sediment before it leaves the site |  |
| 19 | Operate machinery from existing roads and paved areas |  |
| 20 | Use temporary materials to stabilize haul and access routes, staging areas, and stockpile areas |  |
| 23 | Do not track sediment onto paved streets or roadways |  |
| 75 | Apply pesticides under direct supervision of a licensed applicator |  |
| 77 | Use herbicide products containing glyphosate or other Ecology-approved herbicide |  |

Please provide any additional information on Conservation Measures used or not used for this Method: