1. Sediment trapping is necessary for effective sediment management efforts during increased discharge events. This is due to the presence of areas with extremely low velocities and long wetted lengths, which result in a significant amount of material being trapped within the reservoir.

2. Sediment management actions will include the installation of sediment traps and the use of sediment extraction equipment. These actions will be focused on the areas with the highest potential for sediment accumulation.

3. Sediment management actions will be conducted during the spring and summer months, when the river flow is typically low. This will allow for effective sediment management while minimizing impact on water quality and fish passage.

4. Sediment management actions will be monitored and evaluated to ensure that they are effective in reducing sediment accumulation in the reservoir. This will include regular measurement of sediment levels and the use of sediment traps to evaluate their performance.

5. Sediment management actions will be coordinated with other water management actions, such as fish passage and water quality efforts, to ensure that they are effective and do not interfere with other objectives.

6. Sediment management actions will be documented and reported to the appropriate regulatory agencies to ensure compliance with sediment management regulations.

7. Sediment management actions will be reviewed and updated as necessary to ensure that they remain effective and responsive to changes in the sediment management environment.

Note: This map shows the preliminary design of sediment management areas within the reservoir. The design is subject to change based on further analysis and feedback from stakeholders.
### KLAMATH RIVER RENEWAL PROJECT

#### IRON GATE RESERVOIR - CAMP-SCOTCH CREEK

**PLAN 6**

**PREPARED FOR**

**DATE**

**PREPARED BY**

**APPROVED**

**ISSUED - 30% RESTORATION DESIGN SUBMITTAL**

**APPROVED BY**

**CHECKED**

**PROJECT**

**DESCRIPTION**

**DATE**

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**WARNING**

1. IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

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### QUANTITIES FOR ENTITY OF CAMP/SCOTCH CREEK RESTORATION AREA

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**NOTES**

1. A minimum 6" of design grade areas to be placed in the 1'-0" vertical. Each lift will be compacted by a vibrating roller to a minimum of 95% density. All backfill will be placed and compacted 1' away from the slopes of the earthen embankment. Gravel embankments will be placed 1'-0" above designed levels. A 6" compacted grade layer will be placed on the base of each embankment. The outside edge of the embankment will be backgraded and the face of the embankment will have a 3:1 grade outside edge.

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### KEY MAP

**PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 30% PLAN**

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### MATCH LINE SEE SHEET R4715

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### MATCH LINE SEE SHEET R4717
NOTES TO DESIGN REPORT TABLE 3.2 FOR RESTORATION ALTERNATIVE 2

1. SEE TABLE FOR QUANTITY ESTIMATES
2. MATERIAL IN EXCESS OF DESIGN AREA TO BE DUMPED OUT OF DESIGN AREA. EACH LIFT WILL BE COMPACTED TO A MINIMUM 3 INCHES OF EQUIPMENT UNTIL THE LIFT HAS BEEN SUFFICIENT TO AVOID FEET SLOPES OR ELSE ADJUSTED TO ENSURE LIFT-SIDE SLOPES WILL BE NO STEEPER THAN 1:3.

NOTES TO DESIGN REPORT TABLE 3.2 FOR RESTORATION ALTERNATIVE 3

1. SEE TABLE FOR QUANTITY ESTIMATES
2. MATERIAL IN EXCESS OF DESIGN AREA TO BE DUMPED OUT OF DESIGN AREA. EACH LIFT WILL BE COMPACTED TO A MINIMUM 3 INCHES OF EQUIPMENT UNTIL THE LIFT HAS BEEN SUFFICIENT TO AVOID FEET SLOPES OR ELSE ADJUSTED TO ENSURE LIFT-SIDE SLOPES WILL BE NO STEEPER THAN 1:3.

PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 60% PLAN
**WARNING**

1. The described construction starts at 1/2" and any further measurement must be in 1/2" increments.
2. The work is designed to be completed in accordance with the provisions of the Klamath River Renewal Project.

**REV APP**

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**ISSUED - 30% RESTORATION DESIGN SUBMITTAL**

**ISSUED - 60% RESTORATION DESIGN SUBMITTAL**

**PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 90% PLAN**