

Method 3: Work Area Isolation and Fish Removal in Streams, Large Waterbodies and for Pipe Bypass

3A3: Isolating Work Areas in Large Waterbodies

Project Title: _____

Project CIP Number: _____

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

Isolating Work Areas in Large Waterbodies

1. What methods will be used to isolate the waterbody?
 - ☐ Silt curtain, sediment curtain, or filter fabric
 - ☐ Sand or gravel bags
 - ☐ Sheet piles
 - ☐ Ecology blocks
 - ☐ K-frames or steel support frames
 - ☐ Other (describe): _____
2. Will the area be dewatered?
 - ☐ No ☐ Yes
 - ☐ Other (describe): _____
3. Will pumping be necessary? ☐ No ☐ Yes
If yes, what method will be used to treat water prior to discharge? _____
4. If area is not dewatered, will divers be used to verify that the area is totally isolated from the rest of the waterbody? ☐ No ☐ Yes If not, identify how the verification of complete isolation will occur? _____
5. Is the area to be isolated the minimum amount of area needed to construct the project?
 - ☐ No ☐ Yes
6. Provide additional information (if any) on this construction method: _____

Fish Removal and Handling

1. Will fish be removed out of the isolated area? ☐ No ☐ Yes
What method will be used to capture fish (see Table 4-6, page 4-11 of the SBE)?
 - ☐ Minnow traps
 - ☐ Seining
 - ☐ Dip nets
 - ☐ Electrofishing
2. What is the maximum depth within the isolated area? _____

3. Will the fish removal method collect fish throughout the water column within the isolated area? ☐ No ☐ Yes

If not, how will it be determined that all fish are removed from inside the isolated area?

4. Will the method used to isolate the area be installed in a manner that avoids or minimizes fish being isolated within the work area? ☐ No ☐ Yes

If yes, explain procedure: _____

5. Will ~~applicable all~~ methods in Tables 4-5, 4-6, and 4-7 of the SBE, (fish transfer, storage, and release method) be followed?

☐ Yes ☐ No

If no, explain: _____

6. Will all methods in Table 3-1, page 3-13 of the SBE, (stream flow diversion technique) be followed?

☐ Yes ☐ No

If no, explain: _____

7. Will the intake structure have appropriately sized fish screening per NMFS' Juvenile Fish Screen Criteria and Pump Intake Screen Guidelines? ☐ Yes ☐ No

If no, explain: _____

Rewatering Work Area (Do not fill out if work area will not be dewatered)

1. Will rewatering of work area occur slowly and stepwise fashion to minimize sediment impacts downstream? ☐ Yes ☐ No

If no, explain how the water will be reintroduced into the work area: _____

Conservation Measures

The following table contains the conservation measures identified for Method 3A3. 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?
31	Follow proper work area isolation measures	
32	Follow proper fish capture and handling measures	

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