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EXPERT INSPECTION

Fish Passage Facility Monitoring Form

This monitoring form is intended for use by EXPERT Caltrans staff and our state and federal fish passage hydraulic engineering partners, to determine the continued ability for fish to access upstream habitat. Hydraulic barrier treatments (e.g. weirs, baffles, ladders, etc.), often become damaged, full of sediment or blocked with debris and can become a barrier to upstream fish migration throughout the service life of the facility. If potential damage or impaired passage is noted in the GENERAL INPECTION form, this EXPERT INSPECTION should be promptly conducted.

Evaluator: *(name & contact information)*		**Date:**	
Project Location: *(county – route – post mile)*		**PAD ID:**	
Site/Stream Name: *(creek or project name)*			
Fish Passage Facility Description: *(fully describe fish facility)*			

1) Is the upgraded, removed or retrofitted crossing performing as designed?	Yes ☐ No ☐
a. Structural Condition: *(Excellent, Good, Fair, Poor, Fail)*	
2) Is there any visual evidence of damage to the structure? *(if yes, take photos)*	Yes ☐ No ☐
3) Is there an accumulation of sediment or debris in or upstream of the facility? *(if yes, take photos)*	Yes ☐ No ☐
a. Is there still potential for sediment delivery from the crossing? *(Low, Mod, High)*	
b. If an objective, was potential for future sediment delivery reduced?	Yes ☐ No ☐ n/a ☐
4) If applicable, are associated grade control structures functioning as designed?	Yes ☐ No ☐ n/a ☐
a. If there was channel incision/scour downstream of the crossing, has it stabilized?	Yes ☐ No ☐ n/a ☐
b. Were there unintended effects on the channel? *(If yes, explain in notes)*	
5) Is there any new erosion or scour up or downstream of the facility that could be problematic to fish habitat, access to upstream habitat or function of the facility?	Yes ☐ No ☐
6) Should this location be monitored for changes in performance?	Yes ☐ No ☐
7) Are there issues or concerns at this location that require the immediate need of maintenance or addaptive measures, for fish access? *(if yes, explain in notes)*	Yes ☐ No ☐
8) Are issues at this location currently affecting the ability for fish to pass upstream of the facility? *(if yes, please explain in notes)*	Yes ☐ No ☐

Notes:

(Please note additional information that is relevant to access above the fish passage facility: fish or aquatic species present, scour or incision in or adjacent to the facility, fallen trees, failing RSP, accumulated or depleted sediment, etc.)

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PHOTOS: *Please take photos as a record & to inform other fish passage staff. Four photos of basic locations should be taken at a minimum, to demonstrate;* ***1)*** *upstream section of channel above culvert or structure,* ***2)*** *the culvert or structure inlet,* ***3)*** *the culvert or structure outlet, and* ***4)*** *the downstream section of the channel, below the facility. If more than 4 photos, include additional pages.*

	
1) Upstream section of channel above facility	2) Culvert or structure inlet,
	
3) culvert or structure outlet,	4) downstream section of channel, below facility.