

# FS - FISH SCREENING of DIVERSIONS

# IMPLEMENTATION

Grant #:

Project title:

Date :

Evaluator:

Site ID:

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		Project Feature Number		Comments
		Feature Type Code		
Diversion	1. Flow rate at the diversion - as stated in the water right: (cfs)			
	2. Quantity of water diverted annually - from the water right: (acre-feet/year)			
	3. Was the diversion lined or piped as approved?			
HG	4. If applicable, was a headgate installed as approved?			
	5. If applicable, was a streamflow gauge installed as approved?			
Fish screen	6. Was the fish screen designed to meet all current DFG screen criteria?			
	7. Was the fish screen installed or upgraded as designed?			
	a. Problems: ALN, ANC, BBB, COR, MAT, MEC, PLG, UND, UNS, NON, OTH			
	b. Structural condition of fish screen: Excl, Good, Fair, Poor, Fail			
Place.	8. If a small screen, does it comply with modified criteria for small screens?			
	9. Was the fish screen installed in the approved location?			
	a. Placement of fish screen: BNK, CAN, CHB, OTH			
Bypass	b. If in a canal, was the screen placed as close to the stream as possible?			
	10. Was a bypass system installed as approved?			
	11. Was the bypass lined or piped as approved?			
Velocity Criteria	12. Does the bypass comply with current DFG/NOAA bypass criteria?			
	13. Does the screen comply with approach velocity criteria, including cleaning?			
	a. Design approach velocity: (ft/sec)			
	b. Calculated total submerged screen area required: (ft <sup>2</sup> )			
	c. Was the screen designed to provide uniform flow over the screen surface?			
Weir	14. Has a self-cleaning mechanism been installed?			
	15. Does the screen comply with sweeping velocity criteria?			
	a. Calculated sweeping velocity: (ft/sec)			
Construction	16. Does the screen comply with current screen construction criteria?			
	17. Does the screen comply with screen openings criteria?			
	a. Screen opening shape: RND, SQR, SLT, OTH			
Weir	b. Opening dimension: (in)			
	18. Did the project eliminated the need for any dam or weir?			
Implementation	19. Was a "fish-friendly" weir installed as approved? If Y, use FB.			
	20. Is there a plan or agreement for regular maintenance?			
	21. Does the feature meet design, contract & permit specifications?			
	a. If not, were modifications beneficial to performance?			
	b. Is non-compliance significant enough to jeopardize performance?			
	c. Are corrections needed?			
	22. Would a different treatment or design have been preferable? If Y, comment.			
23. Feature Implementation Rating: Excl, Good, Fair, Poor, Fail				