

FS - FISH SCREENING of DIVERSIONS

IMPLEMENTATION

Contract #:

Contract name:

Date :

Evaluator:

Site name:

page ____ of ____

Project Feature		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 for water conservation purposes as approved?	
	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?	
	8. Visible problems with the screen: <i>ALN, ANC, BBB, COR, PLG, MAT, MEC, UND, UNS, NON, OTH</i>	
	9. Structural condition of fish screen: <i>Excl, Good, Fair, Poor, Fail</i>	
	10. If a small screen, does it comply with modified criteria for small screens?	
Plc.	11. Was the fish screen installed in the approved location?	
	<i>a. Placement of fish screen: BNK, CAN, CHB, OTH</i>	
Velocity Criteria	12. Does the screen comply with approach velocity criteria, including cleaning?	
	<i>a. Design approach velocity (ft/sec):</i>	
	<i>b. Calculated total submerged screen area required (ft²):</i>	
	<i>c. Was the screen designed to provide uniform flow over the screen surface?</i>	
	13. Has a self-cleaning mechanism been installed?	
	14. Does the screen comply with sweeping velocity criteria?	
Construction	<i>a. Calculated sweeping velocity (ft/sec):</i>	
	15. Does the screen comply with current screen construction criteria?	
	16. Does the screen comply with screen openings criteria?	
Bypass	<i>a. Screen opening shape: RND, SQR, SLT, OTH</i>	
	<i>b. Opening dimension (in):</i>	
	17. Was a bypass system installed as approved?	
Weir	18. Was the bypass lined or piped as approved?	
	19. Does the bypass comply with current DFG/NOAA bypass criteria?	
	20. Did the project eliminate the need for a diversion related instream dam?	
Implementation	21. Was a weir installed to raise water level at the diversion as approved?*	
	22. Is there a plan or agreement for regular maintenance?	
	23. Does the feature meet design, contract & permit specifications?	
	<i>a. If not, were modifications beneficial to performance?</i>	
	<i>b. Is non-compliance significant enough to jeopardize performance?</i>	
	<i>c. Are corrections needed?</i>	
24. Would a different treatment or design have been preferable? If Y, comment.		
25. Feature Implementation Rating (<i>Excl, Good, Fair, Poor, Fail</i>)		