



SUMMARY OF MODIFICATIONS TO BONNEVILLE WA SHORE LAMPREY FLUME SYSTEM LPS

1. Removed plastic mesh from fyke inside Restbox #3, as this appeared to be blocking passage and causing a passage bottleneck at the top of the ramp immediately downstream.
2. Shifted Upwelling Box to the edge of the elevated platform to accommodate modifications to the exit chute. This shift required installation of the new transition piece connecting the Restbox #3 exit ramp to the Upwelling Box.
3. Removed plastic mesh from fyke inside Upwelling Box.
4. Exit chute modifications:
 - a. Lined interior with perforated plating to prevent lamprey attachment as they exit into collection tanks.
 - b. Increased angle to approx. 60° to prevent lamprey resistance as they exit into collection tanks.
 - c. Removed Y-gate to simplify system and prevent lamprey impingement.
5. Collection tank modifications:
 - a. Added “quick connect” to exit hose and collection tank interface to allow simple switching between tanks.
 - b. Modified collection tank lid (not visible in ‘after’ photo) to allow easy retrieval of captured lamprey while system is operating.