




PUBLIC HEARINGS, ITEM 12:



Consider Certification Of Initial Study/Mitigated Negative Declaration for Sleepy Hollow Steelhead Rearing Facility Upgrade Including Adoption Of CEQA Findings and Mitigation Measures

Meeting Date: November 14, 2016

Staff contact: Larry Hampson

Board to consider CEQA actions

- The Board of Directors is acting as an independent body to consider all information in the record including:
 - Initial Study and Draft Mitigated Negative Declaration
 - written comments from RWQCB and NMFS and responses
 - any additional written or oral comments received at the Public Hearing
- Must be able to make a determination that the Project will not have a significant effect on the environment with proposed mitigation measures

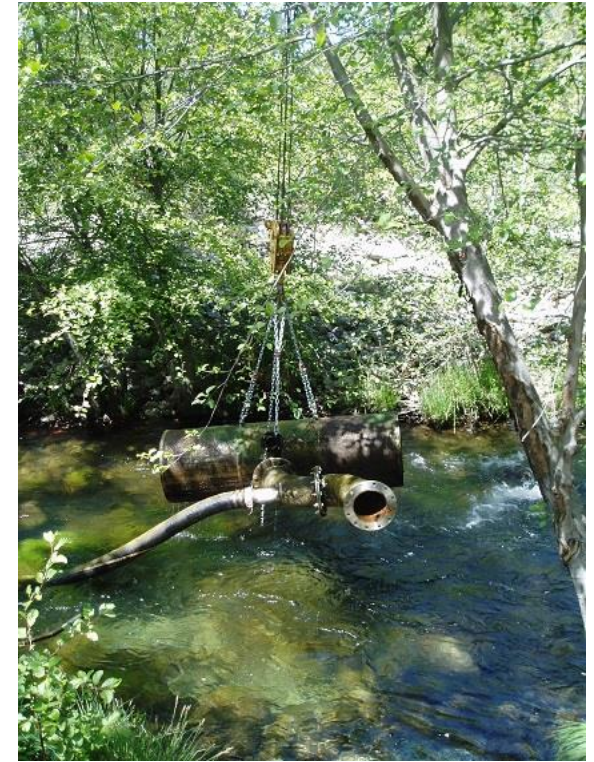
Sleepy Hollow Steelhead Rearing Facility Raw Water Intake and Water Supply System Upgrade



Cooperating Entities



Goal No. 1: Simple Maintenance

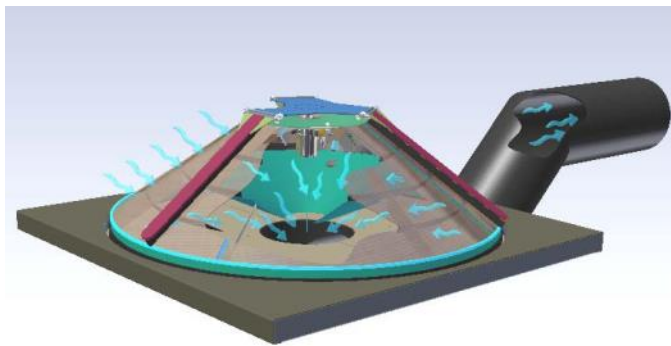


Existing pumps are located next to the river deep inside a concrete caisson (above and left) that is inaccessible at high flows. The existing drum screen (at right) is subject to clogging from silt, sand, and debris.

Goal No. 2: More reliable source of water

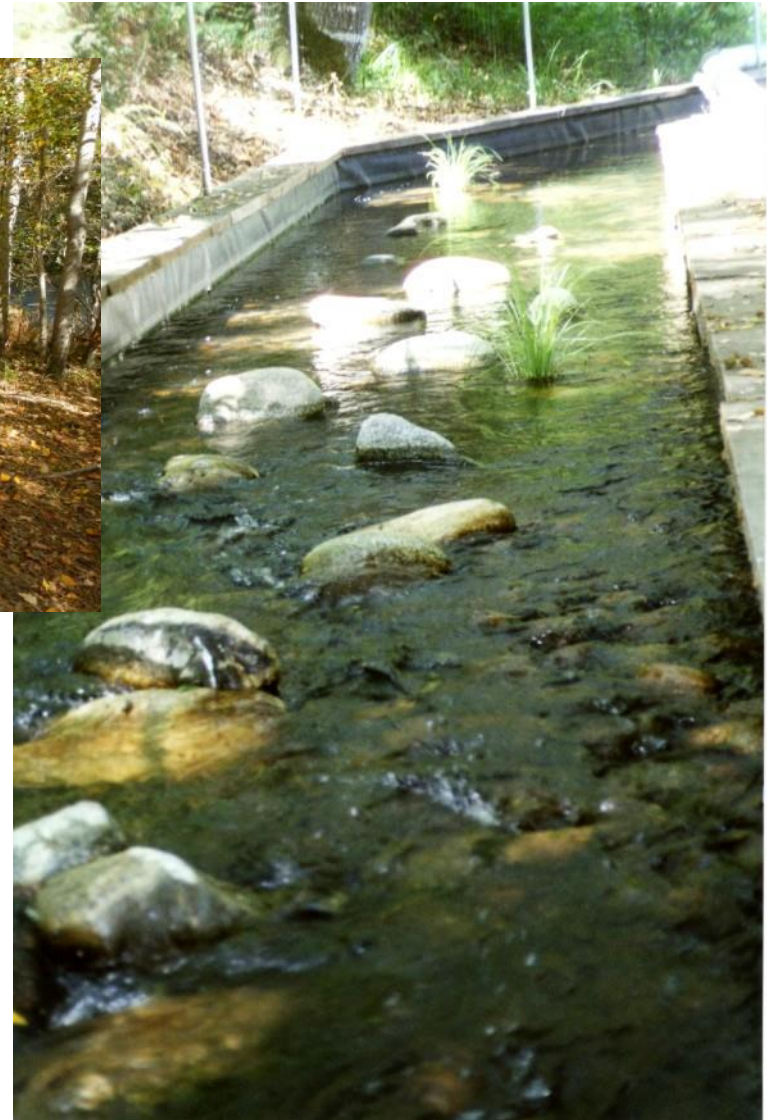


At the deepest part of the river (left), a new cone screen (below left) will be installed and water will be pumped to the cooling tower (above right) before flowing to the rearing channel (below right).



Recirculating Aquaculture System (RAS)

An advanced recirculation system will take up to 50% of the rearing channel discharge and pass it through a series of treatments before returning the flow to the rearing channel.

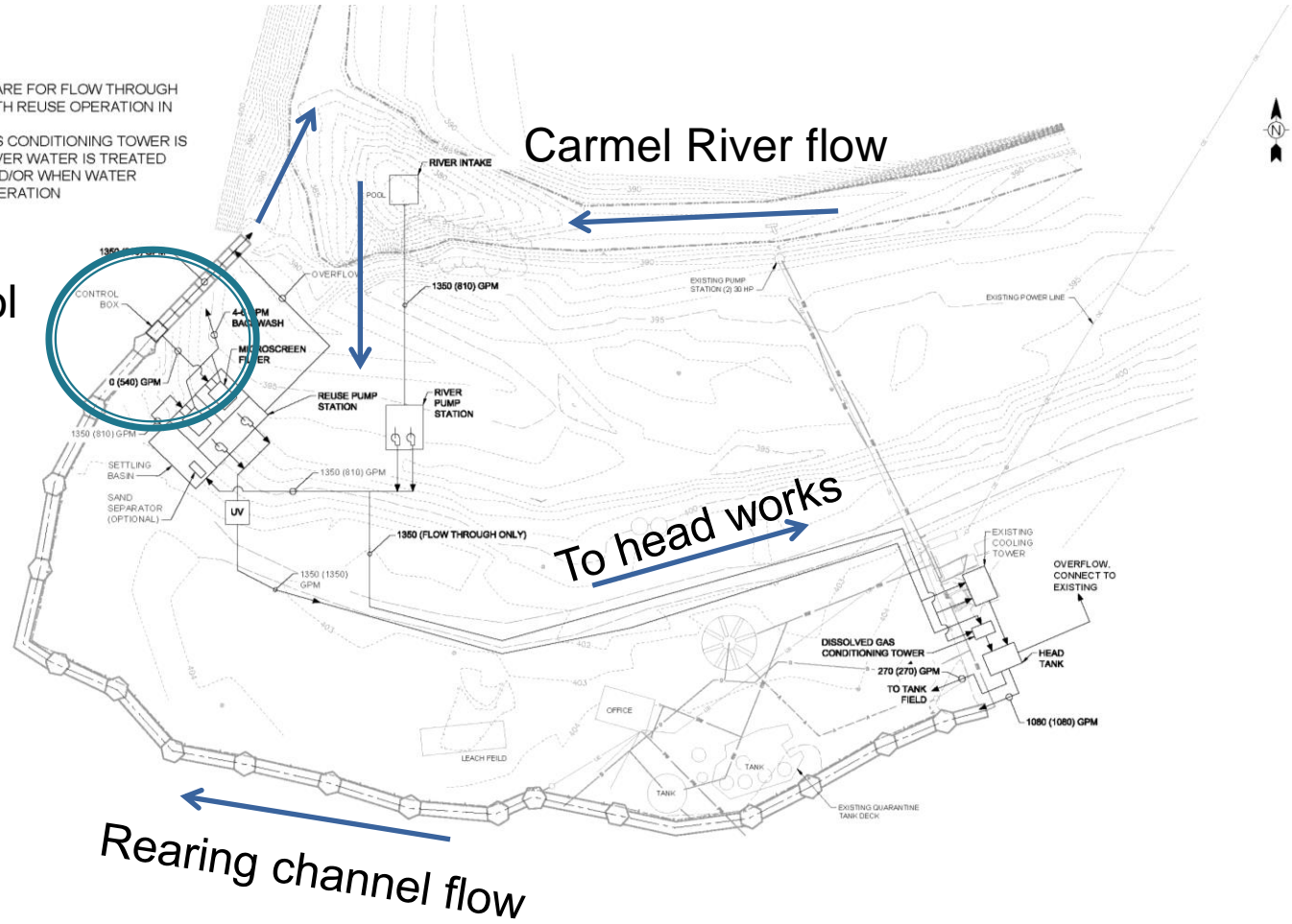


RAS Schematic

NOTES:

1. FLOW VALUES ARE FOR FLOW THROUGH OPERATION WITH REUSE OPERATION IN PARENTHESES
2. DISSOLVED GAS CONDITIONING TOWER IS USED WHEN RIVER WATER IS TREATED FOR SOLIDS AND/OR WHEN WATER REUSE IS IN OPERATION

Control Box




Board to consider CEQA analysis

- Potential significant effects:
 - temporary effect from relocation of any CRLF, steelhead, or other sensitive species present in or near the dewatered portion of the channel
 - effect on habitat from installation of cone screen and riprap
 - disturbance of cultural resources
- Mitigation measures to reduce to less than significant
 - limit construction season
 - archeological monitor on site
 - surveys for sensitive species
 - relocate CRLF and steelhead
 - revegetate disturbed areas and remove existing intake




Recommendations

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- **Recommendation 1:**
 - Accept written Responses to Comments and address any additional written or oral comments received at the Public Hearing;
 - **Recommendation 2:**
 - Adopt CEQA Findings to certify the Final IS/MND;
 - **Recommendation 3:**
 - Adopt Resolution 2016-19 certifying the IS/MND and approving the Project;



Recommendations (cont'd)

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- **Recommendation 4:**
 - Adopt the revised Mitigation Monitoring and Reporting Plan
 - **Recommendation 5:**
 - Direct staff to prepare a Final IS/MND and file a Notice of Determination of approval of the Project.



FOR MORE INFORMATION

District website:

www.mpwmd.net

PowerPoint presentations will be
posted on the website the day
after the meeting

Staff contact for this item:

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