

FPOM – 10 May 2008

Walla Walla District Non-Routine Item Descriptions

McNary:

1. Fish Facility Spare Parts – Procurement of additional long lead item parts to have on hand in case of equipment failure.
2. ESBS Overhaul – Project began a 3-year overhaul of ESBSs this year. Includes replacing chain and other wearable items.
3. Fish Pump 1 Overhaul - Fish pump 1 needs to be pulled, lower shaft turned and new guide bearing and sleeve installed. Other bearings will be replaced at this time too.
4. VBS Mesh Replacement – Evaluating and replacing VBS mesh as needed.
5. Fish Pump House HVAC – Small Capital item. Installing new HVAC system for fish pump house.
6. Fish Ladder Exit Control to Control Room - Small Capital item. When the new controls were installed for the tilting weirs for both fish ladders, fiber optic cables were installed to the control room. This item will connect the system to GDACS so that control room operators will be able to control weirs from there. (may have already been completed)
7. Rehab Tilting Weirs - Capital item. This item includes sandblasting and painting tilting weirs and replacing or overhauling operating machinery.
8. Rehab Fishway Entrances - Capital item. Overhauling or replacing entrance weirs and operating machinery.
9. Repair S. Shore Diffuser Valves - Capital item. Overhauling hydraulic systems for south shore adult fishway diffuser valves.
10. Rehab South Shore Rotovalves - Capital item. Overhauling south shore adult fishway rotovalves (diffusers 7 through 14 on fish ladder)| so that they operate easier.

Ice Harbor:

1. Fish Facility Spare Parts - Procurement of additional long lead item parts to have on hand in case of equipment failure.
2. Repair Fishway Diffuser Valves – Repairing several south shore adult fishway diffuser valves that have broken operating stems and guides. Diffuser valves are full open but can't be closed or adjusted.

3. Overhaul STS – The project is in the first year of a 2 year STS overhaul. They are replacing mesh, chain, and other worn parts.

4. Rehab SS Fish Pumps - Capital item. Four year contract to rehab 2 south shore adult fish pumps per year. Contract plans and specs are almost complete. New bulkheads have been procured and new bulkhead guides have been installed along with overhauling the drain valve to get ready for this work. Hydraulic systems for the fish pump butterfly valves have already been replaced with new systems.

5. Adult Fishway Control System - Capital item. Evaluation, design, and installation of a new computerized adult fishway control system. May no longer be needed as project personnel have upgraded existing system.

Lower Monumental:

1. Fish Facility Spare Parts - Procurement of additional long lead item parts to have on hand in case of equipment failure.

2. Overhaul STS - The project is in the first year of a 2 year STS overhaul. They are replacing mesh, chain, and other worn parts.

3. Adult Fishway Control System - Capital item. Evaluation, design, and installation of a new computerized adult fishway control system. May no longer be needed as project personnel have upgraded existing system.

4. Rehab Adult Entrances and Hoists - Capital item. Overhauling or replacing entrance weirs and operating machinery.

Little Goose:

1. Fish Facility Spare Parts - Procurement of additional long lead item parts to have on hand in case of equipment failure.

2. ESBS Overhaul - Project began a 2-year overhaul of ESBSs this year. Includes replacing chain and other wearable items.

3. Rehab Fish Pumps - Capital item. Rehab of the 3 adult fishway auxiliary water supply pumps. This includes: removing and overhauling gearboxes; pulling the pump and installing new bearings and bushing, sandblasting and painting pump parts. The turbines have already been overhauled.

Lower Granite:

1. Fish Facility Spare Parts - Procurement of additional long lead item parts to have on hand in case of equipment failure.

2. ESBS Overhaul - Project began a 3-year overhaul of ESBSs this year. Includes replacing chain and other wearable items.
3. Replace Two 2000 Series Barges - Capital item. Replacing the two 2000 series fish barges with 2 new 4000 series barges.
4. Rehab Fish Pumps - Capital item. Rehab of the 3 adult fishway auxiliary water supply pumps. This includes: removing and overhauling gearboxes; pulling the pump and installing new bearings and bushing, sandblasting and painting pump parts.
5. Automate Fish Pump Bulkheads - Capital item. Designing and installing a hoist system for the adult fishway bulkheads to make it easier to cycle the operations of the fish pumps.