



SAN JOAQUIN HATCHERY


"Home of the Trophy Trout"

Open 7:00 am ~ 3:00 pm

**Free Admission
Public Welcome**



San Joaquin Hatchery Program

- One of the largest trout production facilities in California.
 - Produces 400,000–1,000,000 half pound rainbow trout annually.
 - Produces ~4,000,000 rainbow trout eggs annually for DFW statewide hatchery program.
 - Also produces Kokanee salmon, golden trout and brook trout.
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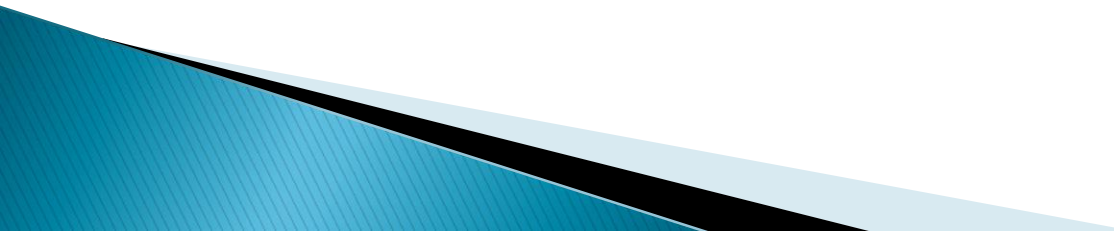
Hatchery Supply Water Conveyance System




Drought Impacts at San Joaquin Hatchery



Hatchery Water Temperature

- Historical water temperature range $\sim 48^{\circ}$ – 58° F
 - Water temperature range during 2014 52° – 70° +
 - Acceptable temperature range for intensive trout production 48° – 62° F
 - Acceptable temperature range for trout egg development $< 54^{\circ}$ six months prior to spawn period.
 - Temperature now is $\sim 67^{\circ}$ expected to reach 70° +
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Hatchery Fish Evacuation and Future Planning

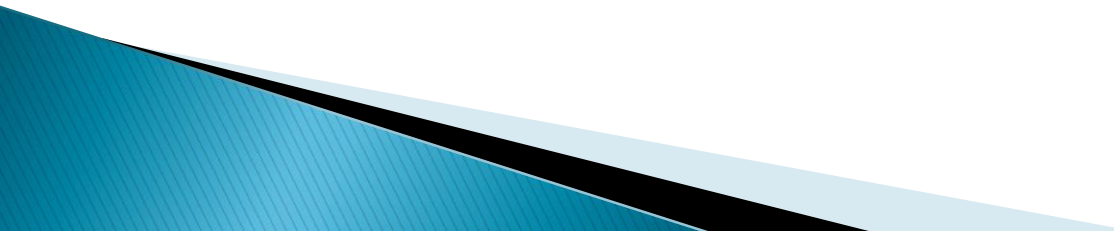
- Released ~130,000 pounds of ½ lb. – 3 pound fish in higher/cooler waters.
 - Transferred broodstock and a portion of next years production fish to MCH.
 - Reliance on other trout egg sources for future needs.
 - Opportunity to dry out/disinfect facility.
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2015 Fish Evacuation

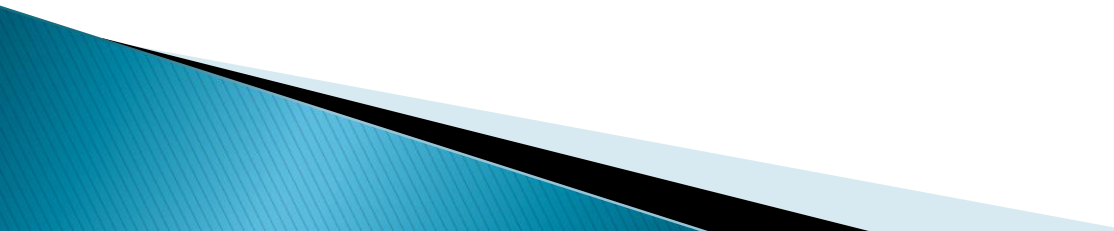




Additional Impacts

- Fewer trout available to anglers in 2016
 - Possible reduction to DFW/hatchery revenue source (fishing license sales)
 - Increased angling risk for fish species of concern
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Drought Effects on San Joaquin River Salmon Restoration Facility

- Lower water flow requirements due to relatively low numbers and pounds of fish.
 - Water chilling and recirculation possible with lower flow requirements and low numbers of fish.
 - Listed species requirements.
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The End

