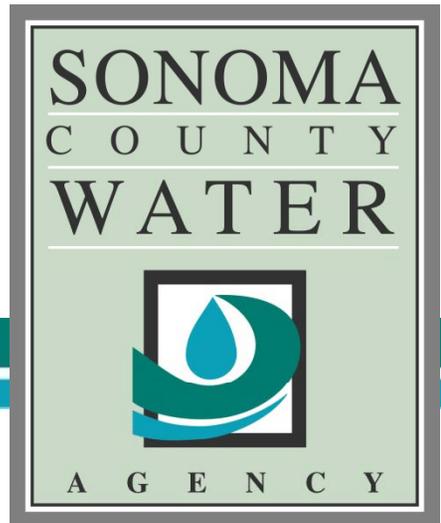


Estuary Management Project



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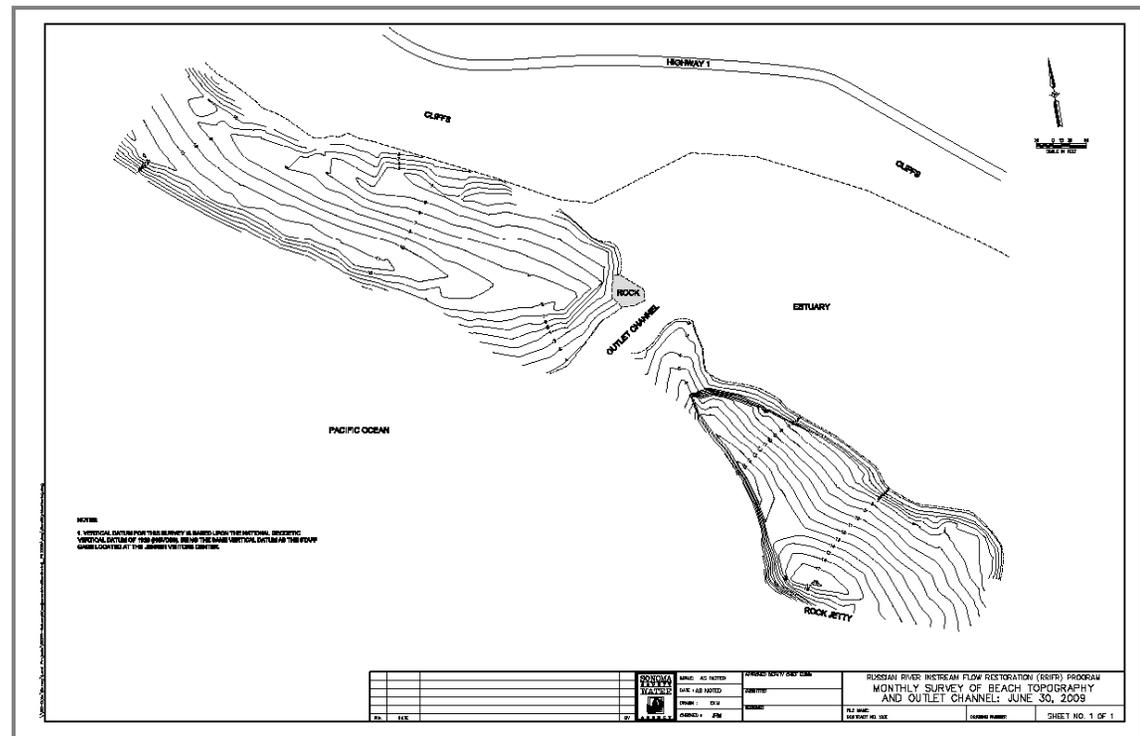
www.sonomacountywater.org

Estuary RPA - Year 2

- Tasks completed
- Lagoon management & breaching
- Monitoring
- Permits & CEQA

Tasks Completed

- Flood risk feasibility
- Beach topography
- Camera



Time-lapse Camera



Lagoon Management & Breaching

- 6 closures in 2010
- Lagoon mgt in July
 - Closed July 4
 - Outlet July 8
 - Breach July 11
- Artificial breaching
 - 1 in January
 - 2 during LMP (Oct)
- 2 natural breaches in Oct & Nov



July 1, 2010 Natural Open Channel. Photo from Highway 1 Overlook.



July 7, 2010 Channel Closed by Tidal Action. Photo from Highway 1 Overlook.



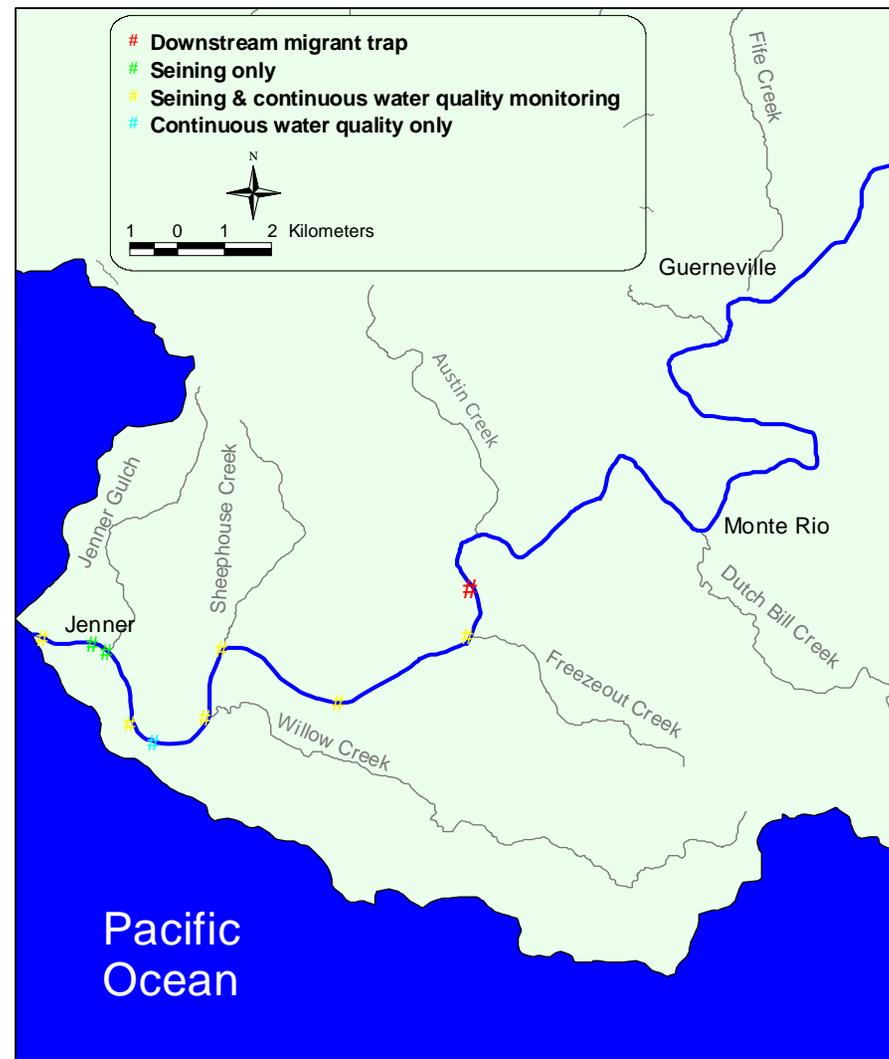
July 8, 2010 Created Outlet Channel. Photo from Highway 1 Overlook.

Monitoring

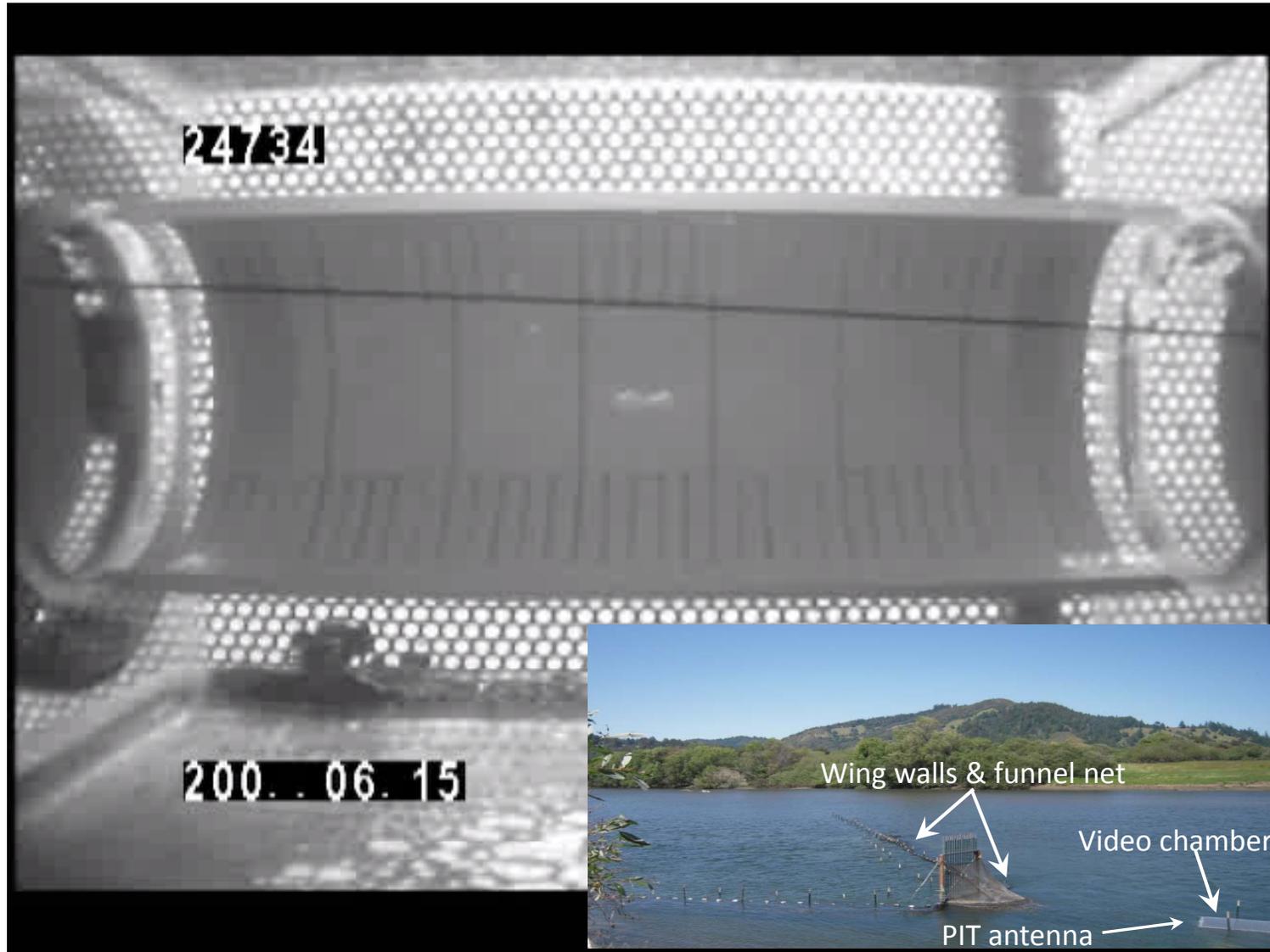


Downstream Migrant Trapping

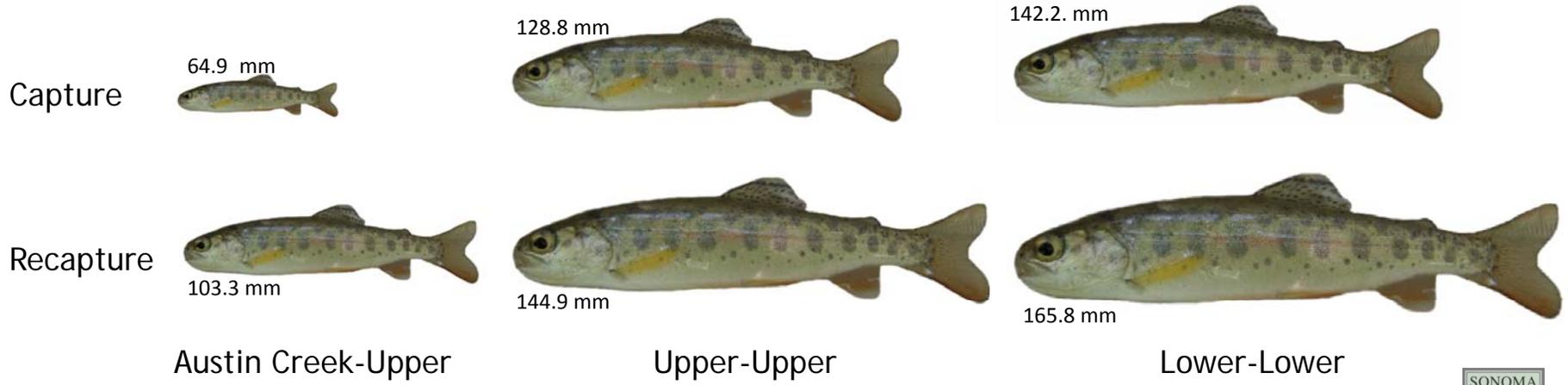
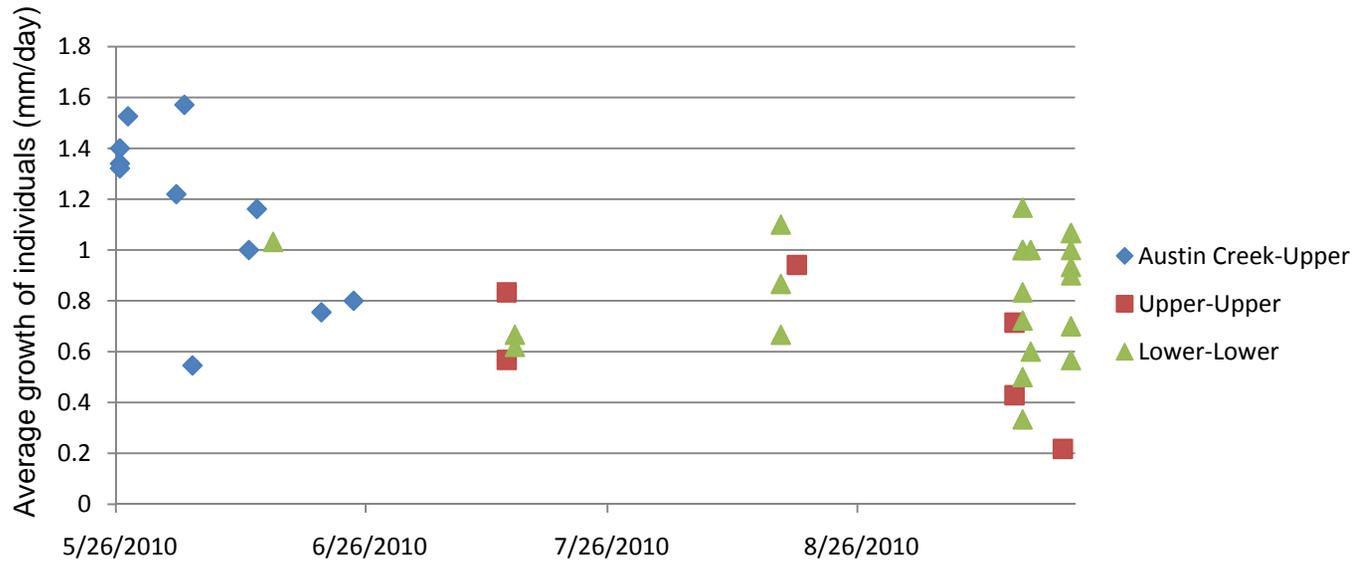
- Additional rotary screw traps
 - Dutch Bill Crk
 - Austin Creek
- PIT tagging
- Modified Duncans Mills fyke
- Increased seining effort



Fyke Antenna & Video



Steelhead Recaptured



Permitting & CEQA

- Marine mammal Incidental Harassment Authorization - April 2010
- Notice Of Preparation - June 2010
- Draft Environmental Impact Report - estimated December 2010
- New permit applications

Year 3 Tasks

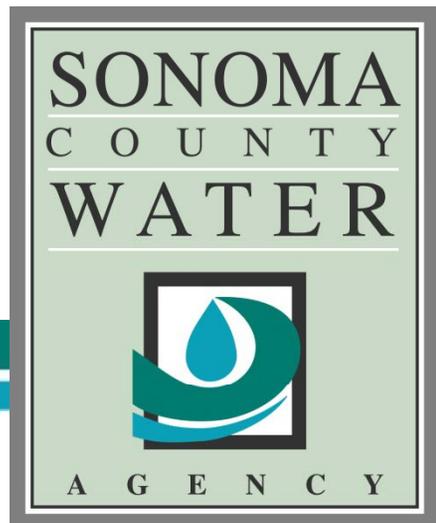
- Continue monitoring
- Adaptive management plan
- Final EIR
- Permits
- Jetty study



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