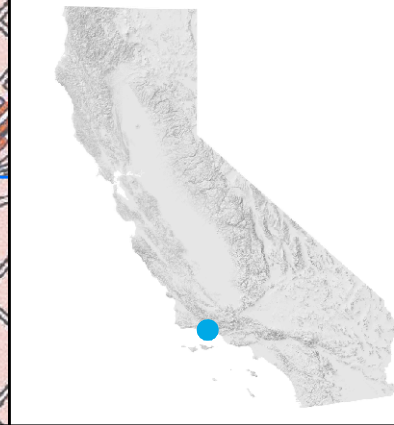


- Barrier Remediated
- Total Barrier
- Partial Barrier
- Not a Barrier
- Remediated, Fish Response Unconfirmed
- ▲ Natural Total Barrier
- ▲ Natural Partial Barrier
- ★ Screened Diversion
- ★ Unscreened Diversion
- Unknown Passage Status
- Unassessed



After Photo
Not Available

Site Name: Lower Mission Ck Concrete Channel (Caltrans Concrete Channel) **PAD ID:** 707374

*Site statistics based on December 2014 version of the Passage Assessment Database

Stream Name: Mission Creek

Tributary To: Pacific Ocean

Structure Owner: Santa Barbara County Flood Control District

Barrier Remediation By: City of Santa Barbara

Year Remediated: 2013

Barrier Description Prior to Remediation: Total

Site Type: Flood control channel

Count of Barriers Downstream: 1

Site Status After Remediation: Remediated, fish response unconfirmed

Count of Barriers Upstream: 32

Species Benefited After Remediation: Steelhead

Distance Upstream to Next Barrier or Limit of Anadromy : 1.03669 mi

Immediate Downstream barrier PAD ID: 707373

Notes: In late 2013, the construction of a fish way (low flow channel) was completed with resting areas (side pockets) at 40 foot intervals to allow fish to swim upstream during and/or following rain events. Observations during rains following completion of the upper channel have shown that the modified channel is performing as designed, with flow rates and depths that are acceptable for steelhead passage. Prior to remediation (February 2008), a 27" and a 30" steelhead was observed downstream of the lower concrete channel (see photos). Approximately 0.75 miles long channel (between Arrellaga Street and Canon Perdido Street) prevented fish from migrating upstream because as the water spread out across the flat concrete channel, water flow was too fast and too shallow for fish to swim upstream, and there were no resting areas. In 1961, the channel was constructed by CalTrans to improve flood control along Highway 101. Before: Total barrier per professional judgment by Stoecker Environmental Consulting. Another concrete lined trapezoidal channel 0.25 miles in length is directly upstream separated by