



State of California  
Department of Fish and Game

## Memorandum

Date: October 12, 2012

To: Dan Yparraguirre, Deputy Director, Wildlife and Fisheries Division  
Susan LaGrande, Deputy Director, Legislative and External Affairs  
California Department of Fish and Game

From: Kevin Shaffer  
Environmental Program Manager   
California Department of Fish and Game

Subject: Updated List of Anadromous Fish Passage Statewide Priority Barriers

In 2008, the departments of Fish and Game (Department) and Transportation (Caltrans) met with staff from the Assembly committees on Natural Resources and Transportation to discuss joint agency collaboration on prioritizing and remediating fish barriers to salmon and steelhead migration. In addition to the expectation that both agencies would develop a mutual list of priority barriers occurring along transportation corridors, a request was made to the Department to provide a statewide list of priority barriers based on significance to fish migration and independent of who manages or is responsible for the stream crossing.

The Department developed its first list in 2011. The attached list includes the Department's continuing effort to review priorities and track accomplishments in addressing statewide priorities. You will see that the review process has elevated some new priorities, while de-emphasizing some 2011 priorities. The list also lists barriers that have been addressed. The Department has a more comprehensive list of barriers to salmon and steelhead migration; these barriers represent our effort to demonstrate and emphasize barrier priorities across both coastal and Central Valley watercourses. As such, the list attached presents the top priorities in twenty-four coastal and Central Valley counties for fish passage improvement. Barriers are listed by county and include the site and water course where the barrier exists. This list is a result of compilation and review by Regional biologists and supervisors (Regions 1-5) and Fisheries Branch. The prioritization process considered the following criteria: 1) high likelihood to improve migration for anadromous species; 2) availability of recent data of fish and habitat; 3) willing partners and land access; 4) known political support at a local, State or national level; 5) the site is a barrier to a federal recovery plan "Core" population; 6) the watercourse is an eco-regional significant watershed; 7) the Department is committed to monitoring before, during and after any barrier improvement project is undertaken; and 8) the site is considered to be a "keystone barrier", meaning the barrier was the lower-most in that river or creek.

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Fisheries Branch will meet again with Caltrans by the end of 2012 in the expectation of developing a joint list of top barrier sites along transportation corridors and may have that list for both committees for reporting in 2013. In the meantime, the Department continues to be in the position to share our independent priorities, some of which are within Caltrans' right-of-way. The Department continues to work with other signatory members of the California Fish Passage Forum to develop an inter-agency optimization process to be used for future collaborative evaluation and prioritization of fish barriers. The attached list will serve as the Department's priority list until the inter-agency optimization is developed and implemented. Fisheries Branch and Regional programs will commence its annual review next month and will provide any revisions to you in a 2013 memo. If you have any questions, please contact me at (916) 327- 8841 or Tom Schroyer at (916) 445-0008.

Attachment

cc: Department of Fish and Game  
Julie Oltmann, Legislative Representative  
Stafford Lehr, Chief, Fisheries Branch  
Tom Schroyer, Fisheries Branch  
Mary Larson, South Coast Region  
Margaret Paul, Central Region  
Eric Larson, Bay Delta Region  
Mike Healey, North Central Region  
Curtis Milliron, Northern Region

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**2012 STATEWIDE PRIORITIES**

<b>County</b>	<b>Barrier and Watercourse</b> [2012] denotes barrier priority added this year
San Diego	Highway 76 Bridge, Pauma Creek
San Diego	Water District Road Crossing, San Luis Rey
Orange	Rancho Viejo Bridge (Metrolink), Trabuco Creek
Orange	Interstate 5 San Diego Freeway, Trabuco Creek
Ventura	Matiliga Dam, Matiliga Creek, Ventura River
Ventura	Gorge Camp Crossing, North Fork of Matiliga Creek, Ventura River
Ventura	CalTrans Hwy 101 Culvert, Ventura River, Rincon Creek [2012]
Ventura	Ojai Valley Bike Trail, San Antonio Creek, Ventura River
Los Angeles	Arizona Xing at Leo Carrillo State Park, Arroya Sequit Creek
Los Angeles	Ringe Dam, Malibu Creek
Los Angeles	PCH Culvert, Solstice Canyon [2012]
Los Angeles	Concrete Channel, Trancas Creek [2012]
Santa Barbara	Arizona Xing at Gaviota State Beach, Gaviota Creek
Santa Barbara	2 Arizona Xings, Quiota Creek
Santa Barbara	Caltrans Concrete Channel, Mission Creek
Santa Barbara	Concrete Canannelization, San Jose Creek
San Luis Obispo	Concrete Weir, Arroyo Grande Creek
San Luis Obispo	Union Pacific Railroad, Pismo Creek
Monterey	Los Padres Dam, Carmel River
Monterey	Old Carmel Dam, Carmel River
Monterey	San Clemente Dam, Carmel River
Monterey	Sleepy Hollow Crossing, Carmel River
San Mateo	Barrier number 3, Bear Creek [2012]
San Mateo	Bonde Weir, San Francisquito Creek [2012]
Alameda	BART Weir, Alameda Creek [2012]
Alameda	Middle Rubber Dam, Alameda Creek
Alameda	Upstream Rubber Dam, Alameda Creek [2012]
San Joaquin	Bellota Weir, Mormon Slough
San Joaquin	Caprini Road Xing, Mormon Slough [2012]
San Joaquin	Hoise Road Xing, Mormon Slough [2012]
San Joaquin	Central California Traction RR Bridge, Stockton Diverting Channel
Marin	Highway 1 Xing, Giacomini Gulch [2012]
Marin	Highway 1 Xing, John West Fork Creek [2012]
Marin	Sir Francis Drake Boulevard Culvert, Larsen Creek
Marin	Railroad Avenue Culvert, North Fork of San Geronimo Creek
Sonoma	West Dry Creek Road, Grape Creek [2012]
Sonoma	Instream barrier, Lancel Creek [2012]
Sonoma	Instream barrier, Purrington Creek
Sonoma	Instream barrier, Wallace Creek
Napa	Highway 29 Caltrans Culvert, Ritchie Creek
Napa	Bothe State Park Culverts, Ritchie Creek
Sacramento	Dam #1, Dry Creek
Sacramento	Dam #2, Dry Creek

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Sutter	Sunset Pumps Diversion Dam, Feather River
Sutter	Tisdale Weir, Sacramento River [2012]
Placer	Cottonwood Lake Dam, Miners Ravine
Placer	Hemphill Dam, Auburn Ravine
Mendocino	Walton Pond, Jack of Hearts Creek [2012]
Mendocino	North Fork of Ryan Creek
Mendocino	South Fork of Ryan Creek [2012]
Tehama	Edwards Diversion, Antelope Creek
Tehama	Stanford Vina Dam, Deer Creek
Tehama	Red Bluff Diversion Dam, Sacramento River
Tehama/Shasta	Battle Creek Restoration Project Dams, Battle Creek
Shasta	Millville Irrigation Dam, Clover Creek
Trinity	Red Hill Road, Conner Creek
Trinity	Oddfellows, Little Grass Valley Creek
Trinity	Denny Road, Quinby Creek
Trinity	Highway 299, West Weaver Creek
Humboldt	Shelter Cove Road, Dinner Creek
Humboldt	Avenue of Giants, Fish Creek
Humboldt	Freshwater Creek [2012]
Siskiyou	Highway 96, Fort Goff Creek
Siskiyou	Cardoza Dam, Parks Creek
Siskiyou	Youngs Dam, Scott River
Siskiyou	Grenada Dam, Shasta River
Del Norte	Highway 197, Little Mill Creek
Del Norte	Highway 197, Sultan Creek

**2011 BARRIERS NOT INCLUDED ON 2012 LIST**

County	Barrier	Explanation
San Luis Obispo	Santa Rosa Creek	Barrier Removed
Santa Cruz	West Branch Soquel Creek	Barrier Removed
San Mateo	Alpine Creek	Priority Reduced
San Mateo	Honsinger Creek	Priority Reduced
Marin	San Geronimo Creek	Priority Reduced
Sonoma	Willow Creek	Barrier Removed
Placer	Dam, Secret Ravine	Barrier Removed
Mendocino	Cedar Creek	Priority Reduced
Mendocino	Gulch Creek	Priority Reduced
Mendocino	South Fork Noyo River	Priority Reduced
Trinity	Conner Creek	Barrier Removed