

Alameda Creek Related Studies List

Date	Title	Author(s)	Purpose (as they apply to the Alameda Creek Watershed)
Data Collection Still In Progress	Grazing Affects in the Alameda Creek Watershed	SFPUC	To document the affects that cattle are having on Alameda Creek Watershed riparian zones and the changes that take place when they are fenced out.
Data Collection Still In Progress	Rainbow Trout Predation by Largemouth Bass at San Antonio and Calaveras Reservoirs	SFPUC	To document the affects that largemouth bass populations are having on YOY and juvenile rainbow trout entering the reservoirs from tributaries.
Report Preparation To Begin Soon	Alameda Creek Aquatic Resource Monitoring Report 2005	SFPUC	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC. Additional monitoring has been added to address steelhead restoration efforts.
Report Preparation To Begin Soon	San Antonio Creek, Indian Creek and Arroyo Hondo Fish Trapping Data Summary 2005 and Project Summary	SFPUC	To document the migratory timing of adult, juvenile and YOY rainbow trout from the SFPUC's two East Bay reservoir to and from their tributaries. This report will also be a 4-year summary.
Report Preparation To Begin Soon	Alameda Creek Aquatic Resource Monitoring Report 2004	SFPUC	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC. Additional monitoring has been added to address steelhead restoration efforts.
Report In Preparation	San Antonio Creek, Indian Creek and Arroyo Hondo Fish Trapping Data Summary 2004	SFPUC	To document the migratory timing of adult, juvenile and YOY rainbow trout from the SFPUC's two East Bay reservoirs to and from their tributaries.
Report In Preparation	Alameda Habitat Conservation Plan	SFPUC	...
December 2005	Alameda Creek Aquatic Resource Monitoring Report 2003	SFPUC	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC. Additional monitoring has been added to address steelhead restoration efforts.
October 2005	Population Size Estimates for Adult Rainbow Trout (<i>Oncorhynchus mykiss</i>) in San Antonio and Calaveras Reservoirs	SFPUC	To document the size of the adult rainbow trout populations in the SFPUC's two East Bay reservoirs.
September 2005	Accessibility of Calaveras reservoir Fishes, Especially Rainbow trout (<i>Oncorhynchus mykiss</i>), to Arroyo Hondo During Low Water Conditions	SFPUC	To document the hydraulic conditions at the Arroyo Hondo/Calaveras Reservoir confluence while the reservoir is kept low in response to DSOD's seismic concerns.
August 2005	Alameda Creek Streamflow Study	Entrix, Inc.	To document flow characteristics through Sunol Valley at higher magnitude streamflow releases than what has been previously investigated.
July 2005	Sunol Dam, Great Blue Heron Rookery Monitoring, 2003 - 2004	SFPUC	To document the time of fledging for birds in the rookery upstream of Sunol Dam.
2005	Final Critical Habitat Designations in Washington, Oregon, Idaho and California for Endangered and Threatened Pacific Salmon and Steelhead	NOAA	To document NOAA's proposed inclusion of Alameda Creek Watershed resident rainbow trout as an element of the Central California Coast Steelhead Evolutionary Significant Unit.
2005	Historical Distribution and Current Status of Steelhead/Rainbow Trout (<i>Oncorhynchus mykiss</i>) in Streams of the San Francisco Estuary, California	Leidy, Becker and Harvey	To document a synthesis of the decades of observations of steelhead and rainbow trout in the streams tributary to the San Francisco Estuary.

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December 2004	Accessibility of Rainbow Trout to Arroyo Hondo During a Calaveras Reservoir Drawdown	SFPUC	To document the hydraulic conditions at the Arroyo Hondo/Calaveras Reservoir confluence while the reservoir is kept low in response to DSOD's seismic concerns.
December 2004	Alameda Creek Aquatic Resource Monitoring Report 2002	SFPUC	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC. Additional monitoring has been added to address steelhead restoration efforts.
July 2004	Alameda Creek Juvenile Steelhead Downstream Migration Flow Requirements Evaluation, Phase 1: Field Survey Results	Entrix, Inc.	To document flow losses through Sunol Valley, the relationship between flow and downstream passage conditions for juvenile salmonids, and the amount of flow required to provide suitable downstream passage under a variety of water year conditions.
April 2004	Needs Assessment & Alternatives Analysis, Alameda Creek Fishery Enhancement Project	SFPUC	To document a re-assessment of the alternatives for recapturing waters released from Calaveras Reservoir as originally identified in Bookman-Edmonston (1996)
February 2004	San Antonio Creek, Indian Creek and Arroyo Hondo Fish Trapping Data Summary 2003	SFPUC	To document the migratory timing of adult, juvenile and YOY rainbow trout from the SFPUC's two East Bay reservoirs to and from their tributaries.
December 2003	Population Genetic Structure of Alameda Creek Rainbow/Steelhead Trout - 2002	Jennifer Nielsen	To document the genetic relationships between rainbow trout collected in the Alameda Creek Watershed and other regional salmonids.
October 2003	Sunol Valley Surface Flow Study Fall 2001	Trihey & Associates, Inc.	To document surface flow movements in Alameda Creek and water gains or losses in Sunol Valley at the end of the dry season (mid- to late October).
July 2003	Sunol and Niles Dam California Red-Legged Frog Protocol Survey	SFPUC	To document the presence or absence of CRLFs at and near the Sunol Dam and Niles Dam removal sites as part of the environmental impact assessment process.
April 2003	Aerial Survey of the Upper Alameda Creek Watershed to Assess Potential Rearing Habitat for Steelhead Fall 2002	Entrix, Inc.	To document the amount of wetted channel in upper Alameda Creek that has the potential to provide rearing habitat for rainbow trout.
April 2003	2002 Fish Trapping Study Data Summary for San Antonio Creek and Arroyo Hondo	Entrix, Inc.	To document the migratory timing of adult, juvenile and YOY rainbow trout from the SFPUC's two East Bay reservoirs to and from their tributaries.
April 2003	Summary of Aquatic Surveys and Five-Year Study Plan for the Alameda Creek Watershed	Entrix, Inc.	To document and summarize the studies conducted in the Alameda Creek Watershed, and to develop a study plan that addresses what is not known about the watershed.
February 2003	Draft Steelhead Restoration Action Plan for the Alameda Creek Watershed	CEMAR	To document a plan of action, based on Gunther, Hagar and Salop (2000), for effecting the restoration of Alameda Creek steelhead.
2003	Historical Records of the Fish Distribution for Streams draining into San Francisco Bay	Leidy	To document the current and historical fish distribution information for streams draining into San Francisco Bay for the past 125 years.

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November 2002	Sunol and Niles Dam Fish Fauna Investigations	SFPUC	To document the fish fauna present at and near the Sunol Dam and Niles Dam removal sites as part of the environmental impact assessment process.
October 2002	Air and Water Temperature Monitoring Within Alameda Creek: 2001-2002 <i>Draft</i>	Hanson Environmental	To document temperature and dissolved oxygen conditions within the Alameda Creek watershed and to identify locations of suitable steelhead rearing habitat.
October 2002	Diel Water Quality Monitoring Within Alameda Creek: 2001 <i>Draft</i>	Hanson Environmental	To document water quality conditions within Alameda Creek.
October 2002	Reconnaissance Investigation of the relationship Between Instream Flow and Adult Steelhead Passage within Alameda Creek: 2001-2002 <i>Draft</i>	Hanson Environmental	To document the surveys to date that identify the minimum instream flows necessary for successful adult steelhead migration in Alameda Creek.
July 2002	Alameda Creek Aquatic Resource Monitoring Report 2001	SFPUC	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC.
June 2002	Alameda Creek Aquatic Resource Monitoring Report 2000	SFPUC	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC.
April 10, 2002	Sunol Valley Surface/Groundwater Interaction Study	Trihey & Associates, Inc.	Flow study was conducted through the Sunol Valley in the fall of 2001 to assess the flow loss to groundwater in this reach of Alameda Creek. The flow study was conducted because of the need to understand the interaction between surface flows and groundwater in this reach of Alameda Creek.
2002	Instream Habitat Typing Within Alameda Creek <i>Draft</i>	Hanson Environmental	To document habitat quality, availability and constraints for steelhead spawning and rearing in Alameda Creek.
December 2001	Preliminary Draft Biological Assessment for the Alameda Creek Fisheries Enhancement Project	EA Engineering, Balloffet and Associates, The Ellington Group	To document the potential impacts associated with the facility designed to recapture waters released from Calaveras reservoir as stipulated in a 1997 MOU between CDFG and the SFPUC.
April 2001	Stonybrook Creek Fish Passage Assessment	Michael Love & Associates	To document an assessment of fish passage at road-crossings on Stonybrook Creek.
January 2001	Alameda Creek Aquatic Resource Monitoring Report Summer and Fall, 1999	Trihey & Associates, Inc.	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC.
2001	Alameda Watershed Management Plan	EDAW, Inc.	To document the SFPUC's plans and provide a policy framework for making consistent decisions about Alameda Creek Watershed activities, practices and procedures.
2001	Pilot Macroinvertebrate Bioassessment, Alameda Creek Project, Draft Report.	Trihey & Associates, Inc.	To document, as baseline, a macroinvertebrate survey of Alameda Creek between Little Yosemite and the Sunol Valley Water Treatment Plant as an indicator of stream health.
2001	Pilot Fish Trapping Study on San Antonio Creek and Arroyo Hondo <i>Draft</i>	Trihey & Associates, Inc.	To document the feasibility of methods for conducting a fish trapping study to assess population numbers and run timing of reservoir populations of rainbow trout.

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November 2000	"Hydrologic Study of the Alameda Creek Watershed Above Niles." Prepared for the SFPUC.	Water Resources Engineering, Inc.	
April 2000	Feasibility Study for Removal and/or Modification of Fish Passage Barriers at the Sunol and Niles Dams	SFPUC	To document the feasibility of removing or modifying the two dams with the purpose of enhancing fish passage.
February 2000	An Assessment of the Potential for Restoring a Viable Steelhead Trout Population in the Alameda Creek Watershed	Gunther, Hagar and Salop	To document the potential for restoring a steelhead population in Alameda Creek, the actions necessary to begin restoration, and the remaining uncertainties facing restoration efforts.
2000	Analysis of Impacts of Dam Removal, Niles and Sunol Dams, Alameda Creek	Trihey & Associates, Inc.	To document whether removal of the dams to improve fish passage is feasible considering the impacts to riparian vegetation, groundwater levels, sedimentation, flood control, and access.
December 1999	Aquatic Resource Characterization of Western Mt. Hamilton Stream Fisheries	Eisenberg, Olivier & Associates	To document the status of aquatic resources, especially significant fishery resources, as well as stressors and existing activities that may alleviate such stresses.
September 1999	Alameda Creek Aquatic Resource Monitoring Report Summer and Fall, 1998	Trihey & Associates, Inc.	To document the condition of upper Alameda Creek and its fish populations as specified in a 1997 MOU between CDFG and SFPUC.
1999	Online Database of Fish Survey Data from Collections by the United States Environmental Protection Agency (1992-1998)	San Francisco Estuary Institute	To document qualitative fish surveys from stream draining into San Francisco Bay.
November 1998	Sunol Valley Resources Management Element	EDAW, Inc. and others	To document the activities in Sunol Valley and to address the existing and future activities while minimizing the conflicts between these activities.
1996	Alameda Creek, Alameda County, Stream Inventory	California Department of Fish and Game	To document habitat conditions, fish species distributions and relative abundances in Alameda Creek in the areas that would be affected by released of water from Calaveras Dam.
1996	Draft Conceptual Engineering Report for the Alameda Creek Fishery Water Recapture Facility	Bookman-Edmonston Engineering	To document an assessment of alternatives for recapturing waters released from Calaveras Reservoir as defined in a 1997 MOU between CDFG and the SFPUC.
January 1995	Alameda Creek Water Resources Study	Bookman-Edmonston Engineering	To document historical and current water resources present in sections of Calaveras and Alameda Creeks that would be affected by operations of Calaveras Dam.
June 1994	Alameda Creek Water Resources Study, Report on Water Recovery Facilities	Bookman-Edmonston Engineering	To document engineering alternatives for recapturing flows that would be released from Calaveras Reservoir to support a rainbow trout fishery.
January 1994	Alameda Creek Water Resources Study, Report on Watershed Operations	Bookman-Edmonston Engineering	To document the availability of requisite flows for supporting a trout fishery downstream of Calaveras Reservoir.
November 1993	Alameda Creek Watershed Study, Fishery Restoration Feasibility Evaluation and Preliminary Restoration Plan - Final Report	BioSystems	To document the feasibility of establishing a trout fishery in portions of Calaveras and Alameda creeks using flows from Calaveras Reservoir without negatively impacting native non-game fishes.
May 1993	Alameda Creek Revegetation/Restoration Report	Ogden Environmental	To document an assessment of riparian conditions in portions of Calaveras and Alameda creeks.
February 1993	Alameda Creek Watershed Study, Fishery Restoration Feasibility Evaluation and Preliminary Restoration Plan	BioSystems	To document the feasibility of establishing a trout fishery in portions of Calaveras and Alameda creeks using flows from Calaveras Reservoir.
1993	Ground-Water and Aggregate Resources, Sunol Valley	Luhdorff and Scalmanini Consulting Engineers	To document groundwater and aquifer conditions in Sunol Valley for potential storage.

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June 26, 1992	Paleoclimatic Signature in Terrestrial Flood Deposits	Christine E. Koltermann and Steven M. Gorelick	

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May 1989	Establishment of a Steelhead Fishery in Alameda Creek	Technical Committee	To present four alternatives with respect to establishment of a steelhead fishery
1984	Distribution and Ecology of Stream Fishes in the San Francisco Bay Drainage	Leidy	To document all known historical fish survey records for streams draining into San Francisco Bay.
September 1981	Upper Alameda Creek Urban Study; Fish; G44251, Volume 2	Corps of Engineers San Francisco District	Surveys count 9 native and 4 non-native fish species in Alameda Creek. Steelhead thought to be gone from Creek, but recent runs noted. [Report purpose not yet defined in this table.]
October 1980	"Alameda Creek Urban Streams Study: Progress Report."	Department of Water Resources	
1979?	An Appraisal of Surface Water Quality in the Alameda Creek Basin, October 1974-June 1979; G44251 M1	USGS	No document copy available through SFPUC, only report title is known.
1978	Additional Records on the Distribution and Status of Native Fishes in Alameda and Coyote Creek, California	Scoppetone and Smith	To document corrected and updated information presented in Aceituno et al. 1976.
1976	Occurrence of Native Fishes in Alameda and Coyote Creeks, California	Aceituno, Nicola and Follett	To document fish species assemblages collected in Alameda Creek in 1973 and compare them to collections made between 1905 and 1966.
January 1974	Final Environmental Impact Statement – Alameda Creek Flood Control Project, Alameda County, California	U.S. Army Engineer District, San Francisco, Corps of Engineers	
1966	University Fish Collections as Cited by Leidy (1984)	Hopkirk	To document fish species present in lower Alameda Creek.
1961	University Fish Collections as Cited by Leidy (1984)	Hopkirk	To document fish species present in lower Alameda Creek.
1957-58	University Fish Collections as Cited by Leidy (1984)	Follett and Peckham	To document fish species present in lower Alameda Creek.
1955	University Fish Collections as Cited by Leidy (1984)	Follett and Peckham	To document fish species present in lower Alameda Creek.
1953	University Fish Collections as Cited by Leidy (1984)	Follett and Peckham	To document fish species present in lower Alameda Creek.
1939	University Fish Collections as Cited by Leidy (1984)	Miller and Murphy	To document fish species present in Alameda Creek within Niles Canyon.
1938	CDFG Fish Collections as Cited by Leidy (1984)	Shapovalov	To document fish species present in Alameda Creek near its confluence with Calaveras Creek.
1934	Aquarium Fishes from a California Stream	Seal	To document native warm water fishes from Alameda Creek that are tolerant and suitable for aquarium use.
January 1933	Productivity of the Calaveras and Upper Alameda Creek Systems	W.L. Eppler	
1927	University Fish Collections as Cited by Leidy (1984)	Stanford University and Follett	To document fish species present in Alameda Creek within Niles Canyon.
March 2, 1925	Report on Upper Alameda Creek Development	T.W. Espy	
August 1912	San Francisco Water Supply Investigations: Discharge of Calaveras and Alameda Creeks	C.D. Marx and C.E. Grunsky	
1905	Notes on the Fishes of the Streams Flowing into San Francisco Bay, California	Snyder	To document fish species present in streams draining into San Francisco Bay.