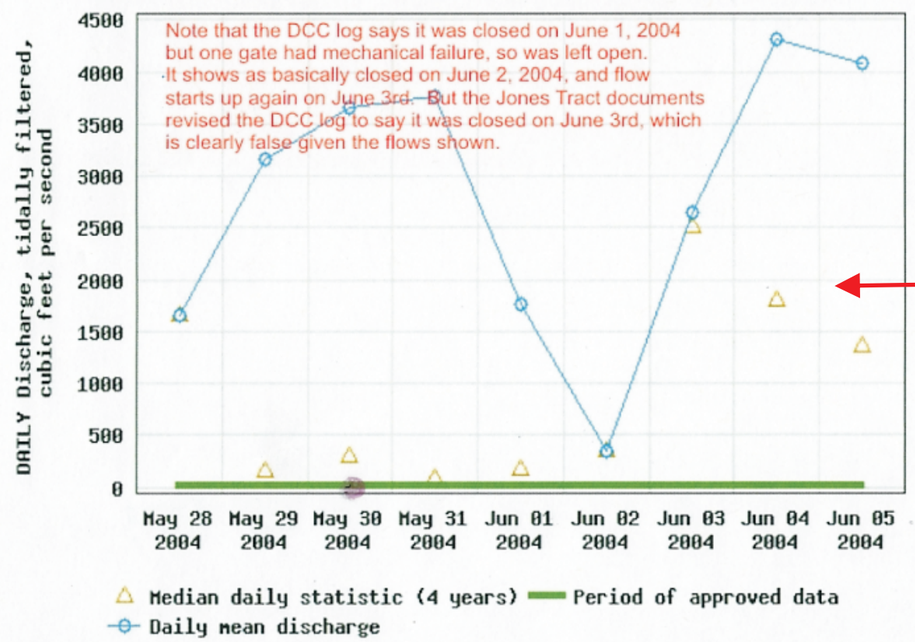
http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_control_plans/2006wqcp/exhibits/append2/doi/doi-07.pdf

			2004	
	05/28/04	1032	open	
Note date	06/01/04	1032	closed	Jones Tract Levee Failure Gate 2 fully closed at 1229 due to operational probl
	06/03/04	1141	open	Gate 2 fully opened at 1250 due to operational problems.

http://waterdata.usgs.gov/nwis/dv/?dd_cd=01_72137_00003&format=img_stats&site_no=11336600&set_arithscale_y=on&begin_da

USGS

USGS 11336600 DELTA CROSS CHANNEL NR WALNUT GROVE



Description matches flow

http://www.usbr.gov/mp/cvo/vungvari/Ccgates.pdf

DELTA CROSS CHANNEL OPERATIONS

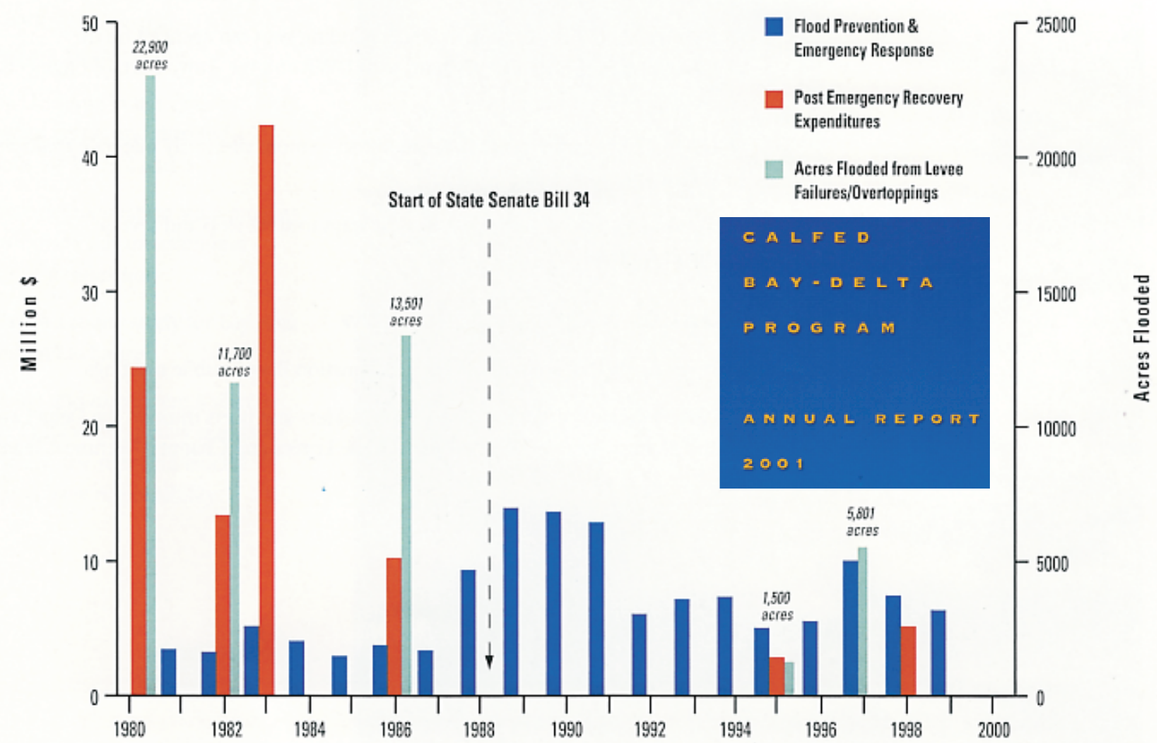
DATE	TIME	ACTION	REMARKS
		2004	
05/28/04	1032	open	
06/01/04	1032	closed	Gate 2 fully closed at 1229 due to operational problems.
06/03/04	1141	open	Gate 2 fully opened at 1250 due to operational problems.

One still unexplained inconsistency in CALFED reporting: What is the truth regarding the Jones Tract levee failure? Facts: The USBR DCC log says the cross channel gates were closed due to "Jones Tract levee failure" on June 1, 2004, and the USGS flow chart matches the description from the June 1 DCC log. Thereafter the same DCC log was edited to remove the Jones Tract notation. It has been reported that the repairs to Jones Tract cost $90 million, which is exorbitant cost when compared to past levee failure repair costs and past post disaster assistance costs of the Delta, as reported in the below 2001 CALFED chart.

Since the Jones Tract levee failure was logged into computer modeling under the name "baconisland", it appears the 2004 incident was really part of the In-Delta field studies, which might help to explain the use of the "emergency funding" from the Federal Government issued after the Jones Tract levee failure and the associated media blitz. The incident has also been used to create among unknowing scientists, professors, legislators and the media a false impression of critically weak levees in the Delta...but who can complain ***if*** the funding was used to do levee improvements? Why doesn't DWR just tell the truth?

DELTA LEVEE FLOOD COSTS

POST DISASTER ASSISTANCE COSTS AND ACRES FLOODED



A look at CALFED funding and cost estimates according to the 2001 report:

CALFED BAY-DELTA PROGRAM ANNUAL REPORT 2001

PROGRAM MANAGEMENT

CALFED GRANTS AND LOANS PROJECT LIST

PROJECT	$
BAY REGION	
Alameda	
ACWD Schools & Water Conservation - Demonstration	$256,700
Oakland Zoo Recycling Feasibility Study	$204,600
Contra Costa	
A Straight Flush Commercial Ultra Low Flush Toilet Direct Install	$374,000
Contra Costa County Watershed Atlas and Creek Restoration Strategy	$50,000
The Save Our Delta Surveys (SODS)	$100,000
Walnut Creek Watershed	$260,000
Marin	
Local Watershed Stewardship: Steelhead Trout Plan	$47,500
Monterey	
Deep Aquifer Study and Management Plan	$260,000
Groundwater Recharge Feasibility Study	$100,000
Marina Coast Water District Water Conservation Feasibility Study	$143,256
On Farm Mobile Lab	$132,905
Napa	
Cullinan Ranch Restoration	$368,500
Ecological Monitoring of Tolay & Cullinan Ranch Tidal Areas	$593,931
Napa Creek Watershed Stewardship Year 3	$191,100
Napa River Watershed	$252,000
Napa River Watershed Mapping Partnership	$318,300
Napa River Wetlands Acquisition	$1,073,513
South Napa River Tidal Slough & Floodplain Restoration Project	$1,565,600
South Napa River Tidal Slough and Floodplain Restoration Project	$1,490,000
South Napa River Wetlands Acquisition and Restoration Program	$466,000
Stewardship Support & Watershed Assessment in the Napa River Watershed: A Two-Year Project	$360,900
Napa, Sonoma, Solano, Contra Costa, Marin	
IFM Partnership to Improve Water Quality in Suisun Bay and Local Creeks	$266,000
Sedimentation in the Delta and Suisun Bay	$1,367,684
San Francisco	
Yosemite Watershed Restoration Assessment Project	$771,000
San Francisco, Alameda, San Mateo	
Cold Water Fisheries and Water Quality Element	$200,000
Determine Biological, Physical & Chemical Characteristics of Ballast Water	$387,182
Preventing Exotic Introductions from Ballast Water	$222,830
Steelhead and Chinook Salmon Fish Passage Barrier Remediation on the Guadulupe River	$178,200
Santa Clara	
Almaden Reservoir Watershed Restoration Project	$300,000
Landscape & Agricultural Area Measurement & Water Budgets	$635,712
Stewardship Plans for the West Valley, Guadalupe, and Lower Peninsula Watersheds	$700,000
Upper Guadalupe River Tributary Monitoring Program and Pilot Restoration Project	$47,000
Santa Clara, Contra Costa, Alameda, Marin	
Regional High-Efficiency Washing Machine Rebate	$4,405,605
San Francisquito Creek Watershed Enhancement Program	$250,225
Westside Basin Groundwater Management Plan	$250,000
Santa Cruz	
Hydrogeologic Investigation and Monitoring in Scott's Valley	$250,000
Santa Cruz, Monterey	
Supplemental Wells/Injection Wells Water Quality Study	$30,450
Solano	
Adopt-a -Watershed Leadership Institute	$592,884
Bay Point shoreline Restoration Plan	$185,000
Benicia Waterfront Marsh Restoration	$59,000
Biological Restoration and Monitoring in the Suisun Marsh/North SF Bay Ecological Zone	$772,667
Chronic Toxicity of Envtr. Contaminants in Sacramento Splittail - A Biomarker Approach	$673,684
Environmental Stewardship Educational Conferences & Tours	$48,500
Fish Screen Construction Suisun Marsh	$450,000
Fish Screen Construction Suisun Marsh (Phase 2)	$500,000
Hill Slough West Habitat Restoration. Demo Project	$87,000
Invasive Spartina Project	$1,793,661
Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	$148,627
Suisun Marsh Property Acquisition & Restoration	$536,750
Estuary Action Challenge Environmental. Education Project	$50,000
Sonoma	
City of Santa Rosa Evapotranspiration Controllers Feasibility Study	$93,587
Culture of Delta Smelt	$1,025,015
Hill Slough West Habitat Demonstration Project	$200,000
Petaluma Marsh Expansion Project - Marin County	$352,135
Petaluma River Watershed Restoration Program	$220,000
Regional Wetlands Goals Project	$76,000
Sonoma Creek Watershed	$302,000
Sonoma Creek Watershed Conservancy	$438,923
Sonoma Creek Watershed Conservancy	$545,170
Sonoma Creek Watershed Conservancy: Outreach and Restoration	$270,541
Species & Community Profiles of the SF Bay Area Wetlands Ecosystem Goals Project	$45,320
Tolay Creek Restoration	$283,000
DELTA REGION	
Contra Costa	
Alhambra Creek Watershed CRMP Program	$138,500
Kirker Creek Watershed CRMP Program	$198,450
Stockton EWD & CCWD Fish Screen Facilities	$670,000
Franks Tract Restoration	$323,186
Rhode Island Floodplain Management and Habitat Restoration	$25,000
Study Associated with Restoration of Franks Tract	$1,218,105
Watershed Stewardship in Marsh Creek	$126,000
Contra Costa, San Joaquin	
Demo Project for Protection of Delta Islands	$928,150
Sacramento	
Arden-Cordova Evapotranspiration Controller/Rain Shut-off Program	$23,750
Cosumnes Floodplain Acquisition and Restoration	$3,500,000
Cosumnes River Acquisition, Restoration Planning and Demonstration	$750,000
Cosumnes River Preserve (Valensin Ranch Acquisition)	$1,500,000
Cosumnes River Salmoid Barrier Program Fishery	$188,255
Cosumnes River Watershed Inventory and Assessment	$556,325
Cosumnes Start-up Stewardship and Restoration	$1,985,100
Dry Creek Reclaimed Water Groundwater Recharge Feasibility Study	$287,500
Four Projects for Sacramento Area Water Use Efficiency	$16,661,950
Inventory of forest road systems, Cat Creek Watershed	$45,320
Juvenile Salmon Migratory Behavior Study in Delta	$210,000
McCormack-Williamson Tract Acquisition	$5,356,000
McCormack-Williamson Tract, Ph. II Monitoring	$572,886
McCormack-William Tract Restoration Plan, Design & Monitoring	$365,650
McCormack-Williamson Tract Wildlife Levee Management	$122,014
Restore Habitat on McCormack-Williamson Levees	$860,778
Rio Linda, El Verta - Natomas In-Lieu Groundwater Recharge Feasibility Study	$189,750
Sherman Island - Levee Habitat Demonstration Project	$480,000
Stone Lakes NWR Land Acquisitions	$2,622,500
Tyler Island Levee Protection and Habitat Restoration Pilot Project	$885,202
Water-Wise Demonstration Landscape	$277,663
Sacramento, El Dorado	
Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management	$1,546,016
Sacramento, San Joaquin	
Cosumne/Mokelumne Corridor Floodplain Acquisitions	$3,044,342
Cosumnes River Feasibility Study	$1,007,800
Influence of Flood Regimes, Vegetative and Geomorphic Structures on the Links between Aquatic and Terrestrial Systems	$2,521,236
NPS Pollution Reduction in Vineyards	$365,300
Sacramento, Yolo, Solano	
Hastings Tract screen feasibility study	$27,000
North Delta Area - Juvenile Salmon Rearing	$24,500

PROGRAM MANAGEMENT

CALFED GRANTS AND LOANS PROJECT LIST

CALFED BAY-DELTA PROGRAM ANNUAL REPORT 2001

PROJECT	$
Sacramento, Yolo, Solano, San Joaquin	
1999/2000 Bay-Delta Education Program	$33,269
Algal Toxicity	$500,000
Arundo Donax Eradication and Coordination.	$842,587
Assessing Ecological & Economic Impacts of the Chinese Mitten crab	$113,033
Assessment of Ecological and Human Health Impacts of Mercury in the Bay-Delta Watershed	$4,164,000
Assessment of organic matter in the habitat and its relationship to the food chain	$1,440,649
Assessment of Pesticide Effects on Fish & Their Food Resources	$1,586,894
Biological Assessment of Green Sturgeon	$211,164
Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	$241,000
Central Valley Steelhead Genetic Evaluation	$70,636
Contaminant Effects on Smelt	$437,326
Culture of Delta Smelts Phase II & III	$576,229
Determine Effects of Toxics	$110,000
Developing a Methodology to Accurately Simulate Entrainment of Fish	$200,000
Development of a Comprehensive Implementation Plan for a Statistically Designed Marking & Recovery Plan	$74,951
Digital Soil Survey and Mapping Imagery Develop	$502,100
Dissolved Organic Carbon Release from Delta Wetlands, Part 1	$1,434,449
Dissolved Organic Carbon Release-Delta Wetlands	$1,030,000
East Delta Habitat Corridor (Georgiana Slough)	$1,100,000
Effects of Introduced Clams on the Food Supply of Bay-Delta Fishes	$1,000,490
Effects of introduced Species of Zooplankton & clams on the Bay-Delta Food Web	$653,384
Effects of Wetlands Restoration on Methyl Mercury Levels	$546,171
Evaluation of Alternative Pesticide Use Reduction Practices	$1,113,781
Evaluation of Potential Impacts of Chinese Mitten Crab on Benthic Comm. In the Delta	$152,233
Evaluation of Selenium Sources, Levels, and Consequences in the Delta	$1,627,117
Evaluation of tagging data	$672,600
Expanding California Salmon Habitat to Alter Dams and Diversions	$49,000
Fathead Minnow Toxicity	$400,000
Food Reserve for Zooplankton in the S. San Joaquin River Delta	$576,422
Genetic Identification of Watershed Dependent Species	$851,669
In-Channel Island Restoration/demonstration	$270,270
Innovative Fish Screen for Small Diversions Demonstration Project	$90,000
Introduced Spartina Eradication Project	$275,000
Introduction of Non-indigenous Aquatic Species Research Program	$197,000
Levee Setback Geomorphic Model	$104,458
Monitoring of Delta contaminants	$100,000
Non-native Invasive Species Advisory Council	$50,000
Practical Guidebook to Prevent & Control for Non-native Invasive Plants in Shallow Water Habitats of the Bay-Delta Ecosystem	$76,750
Purple Loosestrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	$127,473
Purple Loostrife Prevention, Detection & Control in the Sac/San Joaquin Delta & Associated Hydrologic Units	$201,306
Rainbow Trout Toxicity Monitoring	$530,000
Reducing Risk of Importation & Distribution on Non-native Invasive Species Through Outreach & Education	$105,466
Research to Predict Evolution of Restored Diked Wetlands	$575,172
Delta Sediment Water Quality	$24,000
Delta Sediment Water Quality	$276,000
Delta Sediment Water Quality	$200,000
Sedimentation movement and availability and monitoring in the Delta	$1,047,010
Small Diversion Fish Screen Program	$900,000
Twitchell Island Subsidence Study	$194,870
Understanding Tidal Marsh Restoration Processes & Patterns	$1,042,246
Water Hyacinth Education Program	$64,500
Water Quality Criteria for Chlorpyrifos and Diazinon (Designated Action)	$67,753
Winter-run Chinook Salmon Captive Broodstock Program	$300,000
Zebra Mussel Detection & Outreach Project	$100,000
San Joaquin	
Canal Ranch Habitat Restoration Phase II	$135,940
Fay Island Restoration Project	$744,148
Fern Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project	$425,000
Lower Mokelumne River Restoration Program	$680,000
Lower Mokelumne River Watershed Education Project	$70,140
Proposal to Develop Local Watershed Stewardship Plan for the Lower Mokelumne River	$159,000
Staten Island Acquisition	$35,220,873
Task 1.1: Program Coordination	$277,000
Transport, Transfer & Effects of Selenium and Carbon in the Delta	$2,600,000
Woodbridge fish screen and passage	$1,575,000
San Joaquin, Stanislaus, Merced, Madera, Fresno	
Determination of the Causes of Dissolved Oxygen Depletion in the San Joaquin River	$892,400
Solano	
Cache Slough habitat enhancement	$85,000
Hastings Tract Fish Screen Phase II: Construction	$271,250
Jepson Prairie Restoration and Conservation Plan	$244,801
Lagoon Valley Watershed Restoration	$431,000
Liberty Island Acquisition	$8,926,000
Liberty Island Acquisition & Restoration Phase II	$2,701,734
Prospect Island - Develop Monitoring Plan	$35,000
Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	$2,500,000
Prospect Island Habitat Protection Project	$2,000,000
Prospect Island Monitoring Project	$915,000
Stanislaus	
Restore Special Run Pool 10 Reach	$165,000
Tuolumne River Natural Resources Program	$3,583,000
Yolo	
Discover the Flyway	$49,000
Educating Farmers & Landowners in Biological Reserve Management	$1,066,593
Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species	$912,309
The Virtual Science Center and Hands-on Learning Programs	$9,600
Watershed Restoration Strategy for the Yolo Bypass	$244,188
Yolo Bypass - Habitat Restoration Study	$226,000
Yolo Bypass Management Strategy Phase II	$210,000
Yolo Bypass Watershed Planning Project	$288,081
Yolo County (FCWCD) Yolo Zamora Water District Conjunctive water use Project	$427,800
SACRAMENTO VALLEY REGION	
Butte	
Adams Dam Fish Screen & Ladder	$70,304
Adams Dam Screen and Passage	$217,000
Butte Cr/Sanborn Slough Bifurcation Upgrade Project	$1,000,000
Butte Creek - Watershed Management Strategy Plan	$83,000
Butte Creek Acquisition and Riparian Restoration	$187,128
Butte Creek Acquisition and Riparian Restoration	$125,000
Butte Creek Riparian Restoration Demonstration	$76,348
Butte Creek Watershed	$302,867
Butte Creek Watershed Floodplain Management Plan	$582,510
Cherokee Watershed Organizational Capacity and Citizen Monitoring Project	$93,815
Construct Fish Ladder on Parrott-Phelan Dam	$0
Construct Siphon & Associated Improvements on Western Canal	$3,095,873
Fish Screen and Ladder Construction	$316,500
Gorrill Dam Fish Screen & Ladder	$67,990
Gorrill Dam Screen and Ladder	$369,641
OWID Palermo Canal Lining Project	$251,000
Watershed Education Program	$100,865
Western Canal Water District Tailwater Recovery System Feasibility Study	$125,000
Butte, Colusa, Glen	
The Butte Creek Watershed Educational Workshops and Field Tours Series	$33,000