Regional Water Quality Control Board

SAN FRANCISCO BAY REGION (2)

SECTION 303 (d) LIST PROPOSALS

Region 2 Summary of Recommendations

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
San Mateo Coastal Basin/San Pedro Creek	High Coliform Count/Water/REC-1	List	List San Pedro Creek for High Coliform.
San Mateo Coastal Basin/San Vicente Creek	High Coliform Count/Water/REC-1, REC-2	List	List San Vincente Creek for High Coliform.
Central Basin/Stege Marsh	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.	Watch List: No pollutant identified for listing, this is an effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, the Consolidated Cleanup Plan.
Lake Merritt	Trash/Water/Aquatic Habitat and REC uses	Change in listed water body. Change pollutant from Floating Material to Trash.	Change in listed water body. Change pollutant from Floating Material to Trash.
Tomales Bay	Mercury/Water/Aquatic Life	Change in listed water body. Change pollutant from Metals to Mercury.	Change in listed water body. Change pollutant from Metals to Mercury.
Arroyo Las Positas	Diazinon/Water/Aquatic Life (MIGR; SPWN; (COLD); (WARM))	List	List for Diazinon. List this tributary, Arroyo Las Positas (13.5 miles) as part of the Urban Creeks in the San Francisco region. It was an oversight that it was not listed for Diazinon as part of that group of water bodies in 1998.
Arroyo Mocho	Diazinon/Water/Aquatic Life (MIGR; SPWN; (COLD); (WARM))	List	List for Diazinon. List this tributary, Arroyo Mocho (28.5 miles) as part of the Urban Creeks in the San Francisco region. It was an oversight that it was not listed for Diazinon as part of that group of water bodies in 1998.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
South Bay Basin/Islais Creek	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.	Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.
South Bay Basin/Marina Lagoon (San Mateo Co.)	High Coliform Count/Water/REC-1	List	List Marina Lagoon for High Coliform Counts.
South Bay Basin/Mission Creek	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.	Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.
Central Basin/Pacific Ocean at Baker Beach	High Coliform Count/Water/REC-1	List	List Pacific Ocean at Baker Beach (mouth of Lobos Creek) for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at China Beach	Beach Closures/Water/REC-1	List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.	List Pacific Ocean at China Beach. This listing is a public health concern.
San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve	High Coliform Count/Water/REC-1	List	List the Pacific Ocean at Fitzgerald Marine Reserve for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve	Beach Closures/Water/REC-1	List	List the Pacific Ocean at Fitzgerald Marine Reserve.
San Mateo Coastal Basin/Pacific Ocean at Fort Funston Beach	Beach Closures/Water/REC-1	List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.	List Pacific Ocean at Fort Funston Beach for beach closures. This listing is a public health concern.
San Mateo Coastal Basin/Pacific Ocean at Ocean Beach	Beach Closures/Water/REC-1	List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.	List Pacific Ocean at Ocean Beach for beach closures. Listing is a public health concern.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach)	High Coliform Count/Water/REC-1	List	List the Pacific Ocean at Pacifica State Beach for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach)	Beach Closures/Water/REC-1	List	List Pacific Ocean at Pacific State Beach.
San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach	High Coliform Count/Water/REC-1	List	List the Pacific Ocean at Pillar Point for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach	Beach Closures/Water/REC-1	List	List Pacific Ocean at Pillar Point Beach.
San Mateo Coastal Basin/Pacific Ocean at Rockaway Beach	High Coliform Count/Water/REC-1	List	List Pacific Ocean at Rockaway Beach for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at San Gregorio Beach	High Coliform Count/Water/REC-1	List	List Pacific Ocean at San Gregorio Beach for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at Sharp Park Beach	Beach Closures/Water/REC-1	List	List Pacific Ocean at Sharp Park Beach for Beach Closures based on High Coliform data.
San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach	Total Coliform/Water/REC-1	List	List Pacific Ocean at Surfer's Beach for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach	Beach Closures/Water/REC-1	List	List Pacific Ocean at Surfer's Beach for High Coliform.
San Mateo Coastal Basin/Pacific Ocean at Venice Beach	High Coliform/Water/REC-1	List	List Pacific Ocean at Venice Beach for High Coliform.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
San Pablo Basin/Petaluma River (tidal portion)	Copper/Water/Aquatic Life (WARM, MIGR)	Exclude from the List. This listing was made in the Draft Staff report. However a memo sent on 2/26/02 made mention that the RB no longer wishes to list the mouth of the Petaluma river for copper. This finding to withdraw the recommendation is based on the modified rationale to list, based on Water Effect Ratio (WER) information. The new information shows the copper levels are below the threshold for exceedance, hence there is no need for the river to be listed in 2002.	Exclude from the List. SWRCB staff agrees with the RB recommendation to withdraw this listing for 2002 due to new WER information.
San Pablo Basin/Petaluma River (tidal portion)	Nickel/Water/Aquatic Life (WARM, MIGR)	List	List the Petaluma River (tidal portion) for Nickel.
San Pablo Basin/Petaluma River	Diazinon/Water/Aquatic life (WARM; MIGR)	List	List the Petaluma River for Diazinon using the CDFG criteria.
Suisun Basin/Peyton Slough	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.	Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.
San Mateo Coastal Basin/Pomponino Creek	High Coliform Count/Water/REC-1	List	List Pomponino Creek for High Coliform.
San Mateo Coastal Basin/San Gregorio Creek	High Coliform Count/Water/REC-1	List	List San Gregorio Creek for High Coliform.
San Pablo Basin/San Pablo Reservoir	Mercury/Water/Fish Consumption	List	List the San Pablo Reservoir for Mercury.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Walker Creek	Mercury/Water/Aquatic Life	Change in listed water body. Change pollutant from Metals to Mercury.	Change in listed water body. Change pollutant from Metals to Mercury.
Arroyo Hondo	Diazinon/Water/Aquatic Life and Drinking water uses	Delist	Delist this water body from the 1998 list. This body was listed as a mistake and never should have been listed as an Urban Creek.
Suisun/San Pablo Basins/Carquinez Strait	Copper/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
Suisun/San Pablo Basins/Carquinez Strait	Nickel/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
Suisun Basin/Sacramento-San Joaquin Delta	Copper/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
Suisun Basin/Sacramento-San Joaquin Delta	Nickel/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
Central Basin/San Francisco Bay, Central	Copper/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
South Bay Basin/San Francisco Bay, Lower	Copper/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
South Bay Basin/San Francisco Bay, Lower	Nickel/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
Santa Clara Basin/San Francisco Bay, South	Copper/Water/Aquatic Life	Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List.	Maintain Listing. The Site Specific Objectives, that would allow this water body to be de-listed, have yet to be approved. Using the CTR standard, 35% of the samples still exceed.
Santa Clara Basin/San Francisco Bay, South	Nickel/Water/Aquatic Life	Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List.	Delist and place on the Watch List. Using the current CTR standards only 1% of 604 samples still exceed.
San Pablo Basin/San Pablo Bay	Copper/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
San Pablo Basin/San Pablo Bay	Nickel/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.
Suisun Basin/Suisun Bay	Copper/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Suisun Basin/Suisun Bay	Nickel/Water/Aquatic Life	Delist and place on the Watch List.	Delist and place on the Watch List.

Region 2

San Mateo Coastal Basin/San Pedro Creek

Water Body	San Mateo Coastal Basin/San Pedro Creek
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring/Surfrider data/lab QA/QC used. USEPA Region IX Laboratory data used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	High Coliform Counts are linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 3 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 99 samples for total coliform, 6 samples for fecal coliform, for Basin Plan data set. 41 samples for total coliform, 23 samples for fecal coliform for Ocean Plan data set. Basin Plan objectives violated in 13% samples for total coliform, 98% samples for total coliform median , and 100% violated for samples of fecal coliform geomean and fecal coliform in dry weather months. Ocean Plan objectives violated in 90% of the samples for total coliform, 96% of samples for fecal coliform geomean, and 100% fecal coliform in dry weather months. E. coli data show 67% samples for total coliform maximum designated beach violated the Basin Plan Objectives. Basin Plan objectives violated in 63% samples for E. coli maximum moderately-used beach, violated in 57% samples for maximum lightly-used beach and violated in 57% samples for maximum infrequently-used beach, in dry weather months.
Spatial representation	Data was collected at 15 sampling sites.
Temporal representation	Data was collected, from 5/26/98-8/14/00, and 4/24/00-11/13/00.
Data type	Numerical data
Use of standard method	California Office of Health Hazard Assessment and Contra Costa County Health Services methods.
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List San Pedro Creek for High Coliform.

Region 2

San Mateo Coastal Basin/San Vicente Creek

Water Body	San Mateo Coastal Basin/San Vicente Creek
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1, REC-2
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	High Coliform Counts linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 38 samples for total coliform, 22 samples for fecal coliform, and 6 samples for E. coli. E. coli data show 100% violations of the Basin Plan Objectives for total coliform maximum at all beaches in dry-weather months. Basin Plan violated in 3% of samples for total coliform maximum, 100% samples violated for total coliform median, 100% samples violated for fecal coliform geomean and 100% samples violated for fecal coliform (REC-1). Basin Plan objectives violated in 32% of samples for fecal coliform mean, and 23% violated samples for fecal coliform (REC-2) in dry-weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 10/6/98-9/26/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List San Vincente Creek for High Coliform.

Region 2

Central Basin/Stege Marsh

Water Body	Central Basin/Stege Marsh
Stressor/Media/Beneficial Use	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used BPTCP QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Sediment Toxicity linked to Aquatic Life.
Utility of measure for judging if standards or uses are not attained	Toxicity test results (and ERM quotient) for sediment used.
Water Body-specific Information	Data = 2 months (1997), Data measured at the site, Environmental Conditions considered at site.
Data used to assess water quality	Elevated sediment chemistry (ERM quotient) 0-1% amphipod Survival, 5/5 tests, significant urchin toxicity, 3/3 samples, Relative benthic index = 0.00 (2 benthic samples)
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 10/97-12/97.
Data type	Numerical data
Use of standard method	BPTCP methods
Potential Source(s) of Pollutant	Industrial Point Sources
Alternative Enforceable Program	Consolidated Cleanup Plan (BPTCP)
RWQCB Recommendation	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.
SWRCB Staff Recommendation	Watch List: No pollutant identified for listing, this is an effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, the Consolidated Cleanup Plan.

Region 2

Lake Merritt

Water Body	Lake Merritt
Stressor/Media/Beneficial Use	Trash/Water/Aquatic Habitat and REC uses
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Trash linked to Aquatic Habitat and REC uses.
Utility of measure for judging if standards or uses are not attained	N/A
Water Body-specific Information	N/A
Data used to assess water quality	N/A
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	N/A
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers
Alternative Enforceable Program	N/A
RWQCB Recommendation	Change in listed water body. Change pollutant from Floating Material to Trash.
SWRCB Staff Recommendation	Change in listed water body. Change pollutant from Floating Material to Trash.

Region 2

Tomales Bay

Water Body	Tomales Bay
Stressor/Media/Beneficial Use	Mercury/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Mercury linked to Aquatic life.
Utility of measure for judging if standards or uses are not attained	N/A
Water Body-specific Information	N/A
Data used to assess water quality	N/A
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	N/A
Potential Source(s) of Pollutant	Mine Tailings
Alternative Enforceable Program	N/A
RWQCB Recommendation	Change in listed water body. Change pollutant from Metals to Mercury.
SWRCB Staff Recommendation	Change in listed water body. Change pollutant from Metals to Mercury.

Region 2

Arroyo Las Positas

Water Body	Arroyo Las Positas
Stressor/Media/Beneficial Use	Diazinon/Water/Aquatic Life (MIGR; SPWN; (COLD); (WARM))
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Diazinon linked to Aquatic Life Uses.
Utility of measure for judging if standards or uses are not attained	WQO, Basin Plan
Water Body-specific Information	Water Body was added to the Basin Plan in 1995 as part of the Urban Creeks. It should have been listed in 1998, along with the other Urban Creeks for Diazinon.
Data used to assess water quality	List based on the criteria that was used to list Urban creeks in 1998. This water body should have been listed for Diazinon then, however due to an oversight by staff it was left off the 1998 list and should be placed on the 2002 list.
Spatial representation	Data was collected by Regional Board field reconnaissance in 2001.
Temporal representation	Data was collected by Regional Board field reconnaissance in 2001.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List for Diazinon. List this tributary, Arroyo Las Positas (13.5 miles) as part of the Urban Creeks in the San Francisco region. It was an oversight that it was not listed for Diazinon as part of that group of water bodies in 1998.

Region 2

Arroyo Mocho

Water Body	Arroyo Mocho
Stressor/Media/Beneficial Use	Diazinon/Water/Aquatic Life (MIGR; SPWN; (COLD); (WARM))
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Diazinon linked to Aquatic Life Uses.
Utility of measure for judging if standards or uses are not attained	WQO, Basin Plan
Water Body-specific Information	Water Body was added to the Basin Plan in 1995 as part of the Urban Creeks. It should have been listed in 1998, along with the other Urban Creeks for Diazinon.
Data used to assess water quality	List based on the criteria that was used to list Urban creeks in 1998. This water body should have been listed for Diazinon then, however due to an oversight by staff it was left off the 1998 list and should be placed on the 2002 list.
Spatial representation	Data was collected by Regional Board field reconnaissance in 2001.
Temporal representation	Data was collected by Regional Board field reconnaissance in 2001.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List for Diazinon. List this tributary, Arroyo Mocho (28.5 miles) as part of the Urban Creeks in the San Francisco region. It was an oversight that it was not listed for Diazinon as part of that group of water bodies in 1998.

Region 2

South Bay Basin/Islais Creek

Water Body	South Bay Basin/Islais Creek
Stressor/Media/Beneficial Use	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used BPTCP QA/QC. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Sediment Toxicity linked to Aquatic Life.
Utility of measure for judging if standards or uses are not attained	Toxicity test results (and ERM quotient) for sediment used. WQO, Basin Plan.
Water Body-specific Information	Data = 3 years (94-97), Data measured at the site, Environmental Conditions considered at site.
Data used to assess water quality	Elevated sediment chemistry (ERM quotient), Significant amphipod toxicity in 3/4 samples (75%), Significant urchin toxicity in 4/5 samples (80%), Relative benthic index = 0.22, 0.25, 0.43 (3 benthic gradient samples).
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 9/94- 9/97.
Data type	Numerical data
Use of standard method	BPTCP methods
Potential Source(s) of Pollutant	Combined Sewer Overflows/Industrial Point Sources
Alternative Enforceable Program	Consolidated Cleanup Plan (BPTCP)
RWQCB Recommendation	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.
SWRCB Staff Recommendation	Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.

Region 2

South Bay Basin/Marina Lagoon (San Mateo Co.)

Water Body	South Bay Basin/Marina Lagoon (San Mateo Co.)
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	High Coliform Counts are linked to REC-1 uses.
Utility of measure for judging if standards or uses are not attained	Basin Plan objectives and Ocean Plan water contact standards used.
Water Body-specific Information	Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	192 samples for total coliform there were Basin Plan Objectives violated in 1% of the samples. Basin Plan Objectives violated in 50% of samples for total coliform median. Basin Plan Objectives violated in 10% of samples for fecal coliform geomean. Basin Plan Objectives violated in 33% of samples for fecal coliform 90th percentile in dry weather months. Basin Plan Objectives violated for E. coli data in 31% of the samples.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 10/7/98-10/31/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Marina Lagoon for High Coliform Counts.

Region 2

South Bay Basin/Mission Creek

Water Body	South Bay Basin/Mission Creek
Stressor/Media/Beneficial Use	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used BPTCP QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Sediment Toxicity linked to Aquatic Life.
Utility of measure for judging if standards or uses are not attained	Toxicity test results (and ERM quotient) for sediment used.
Water Body-specific Information	Data = 2 years (95-97), Data measured at the site, Environmental Conditions considered at site.
Data used to assess water quality	Elevated sediment chemistry (ERM quotient) significant amphipod toxicity, 3/5 tests (60%) significant urchin toxicity, 3/5 samples (60%), relative benthic index = 0.00, 0.34, and 0.65 (3 benthic gradient samples).
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 5/95-4/97.
Data type	Numerical data
Use of standard method	BPTCP methods
Potential Source(s) of Pollutant	Combined Sewer Overflows/Industrial Point Sources
Alternative Enforceable Program	Consolidated Cleanup Plan (BPTCP)
RWQCB Recommendation	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.
SWRCB Staff Recommendation	Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.

Region 2

Central Basin/Pacific Ocean at Baker Beach

Water Body	Central Basin/Pacific Ocean at Baker Beach
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	USEPA Storet data. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and fecal coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 11 months (7/97-5/98), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 164 samples total. Ocean Plan objectives violated in 9.7% of the samples for total coliform in dry-weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 7/1/97-5/29/98.
Data type	Numerical data
Use of standard method	USEPA methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Combined Sewer Overflows
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Baker Beach (mouth of Lobos Creek) for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at China Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at China Beach
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Beach Closures linked to REC-1.
Utility of measure for judging if standards or uses are not attained	USEPA Guidance (1996)
Water Body-specific Information	Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	The beach closures were based on rainfall and combined sewer overflow events. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Combined Sewer Overflows
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.
SWRCB Staff Recommendation	List Pacific Ocean at China Beach. This listing is a public health concern.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve

Water Body	San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan and Basin Plan used
Water Body-specific Information	Data = 3 years (5/98-10/00), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 49 samples total. Ocean Plan Objectives violated in 43% of the samples for total coliform in dry-weather months. Basin Plan Objectives were violated in 16% of samples for log mean, and in 73% of samples in dry weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 5/98-10/98, 5/99-10/99 and 5/00-10/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the Pacific Ocean at Fitzgerald Marine Reserve for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve

Water Body	San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan and Ocean Plan used
Water Body-specific Information	Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the Pacific Ocean at Fitzgerald Marine Reserve.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Fort Funston Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Fort Funston Beach
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Beach Closures linked to REC-1.
Utility of measure for judging if standards or uses are not attained	USEPA Guidance (1996)
Water Body-specific Information	Data = 2000 Beach closure data.
Data used to assess water quality	The beach closures were based on rainfall and combined sewer overflow events. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Unknown
Temporal representation	Unknown
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Combined Sewer Overflows
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.
SWRCB Staff Recommendation	List Pacific Ocean at Fort Funston Beach for beach closures. This listing is a public health concern.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Ocean Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Ocean Beach
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Beach Closures linked to REC-1.
Utility of measure for judging if standards or uses are not attained	USEPA Guidance (1996)
Water Body-specific Information	Data = 2000 Beach closure data.
Data used to assess water quality	The beach closures were based on rainfall and combined sewer overflow events. The closures weren't based on monitoring data. Consistent with USEPA guidance (1996) for beach closures, the beach is recommended to be listed.
Spatial representation	Unknown
Temporal representation	Unknown
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Combined Sewer Overflows
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.
SWRCB Staff Recommendation	List Pacific Ocean at Ocean Beach for beach closures. Listing is a public health concern.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda

Water Body	San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach)
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 3 years (1/98-1/01), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 36 wet weather samples. Ocean Plan Objectives violated in 22% of samples for total coliform in wet-weather months. This listing is driven by wet weather only. Ocean Plan objectives violated in 19% of samples for fecal coliform. No exceedances between May and October. Wet weather exceedances.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 1/98-1/01.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the Pacific Ocean at Pacifica State Beach for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda

Water Body	San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach)
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Pacific State Beach.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 3 years (5/98-10/00), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 143 samples total. Ocean Plan objectives violated in 40% of samples for total coliform in dry-weather months. Ocean Plan objectives violated in 9% of the samples for log mean and 35% of the samples for fecal coliform in dry weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 5/98-10/98, 5/99-10/99 and 5/00-10/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the Pacific Ocean at Pillar Point for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Pillar Point Beach.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Rockaway Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Rockaway Beach
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 1 year (2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 23 samples total. Ocean Plan objectives violated in 13% of samples for total coliform in dry-weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 5/00-10/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers, Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Rockaway Beach for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at San Gregorio Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at San Gregorio Beach
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 3 years (98-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 56 samples for total coliform, 23 samples for fecal coliform. Ocean Plan objectives violated in 5% of samples for total coliform in combined dry- and wet-weather months. Ocean Plan objectives violated in 8% samples for fecal coliform, wet-weather only. No exceedances between May and October. Listing driven by wet weather exceedances.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 9/98-3/01.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at San Gregorio Beach for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Sharp Park Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Sharp Park Beach
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Beach Closures linked to REC-1.
Utility of measure for judging if standards or uses are not attained	USEPA Guidance (1996)
Water Body-specific Information	Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Sharp Park Beach for Beach Closures based on High Coliform data.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach
Stressor/Media/Beneficial Use	Total Coliform/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Total and Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 4 years (97-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 134 total coliform samples, 126 fecal coliform samples. Ocean Plan objectives violated in 5% samples for total coliform in combined dry- and wet-weather months. Ocean Plan objectives violated in 9% of samples for fecal coliform in combined wet-dry weather. No exceedances between May and October. Listing driven by wet weather only.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 7/97-1/01.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Surfer's Beach for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach
Stressor/Media/Beneficial Use	Beach Closures/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Surfer's Beach for High Coliform.

Region 2

San Mateo Coastal Basin/Pacific Ocean at Venice Beach

Water Body	San Mateo Coastal Basin/Pacific Ocean at Venice Beach
Stressor/Media/Beneficial Use	High Coliform/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Fecal Coliform linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Ocean Plan used
Water Body-specific Information	Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 30 samples. Ocean Plan violated in 13% of samples for total coliform in dry-weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 9/28/98-10/31/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pacific Ocean at Venice Beach for High Coliform.

Region 2

San Pablo Basin/Petaluma River (tidal portion)

Water Body	San Pablo Basin/Petaluma River (tidal portion)
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life (WARM, MIGR)
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	There were 15 exceedances since 1993. New information sent to the SWRCB in a memo on 2/26.02 changes this finding. This finding is based on the modified rationale to list, based on Water Effect Ratio (WER) information. The new information shows the copper levels are below the threshold for exceedance, hence there is no need for the river to be listed in 2002.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Monitoring Program (RMP) methods.
Potential Source(s) of Pollutant	Municipal Point Sources, Urban Runoff/Storm Sewers, Atmospheric Deposition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Exclude from the List. This listing was made in the Draft Staff report. However a memo sent on 2/26/02 made mention that the RB no longer wishes to list the mouth of the Petaluma river for copper. This finding to withdraw the recommendation is based on the modified rationale to list, based on Water Effect Ratio (WER) information. The new information shows the copper levels are below the threshold for exceedance, hence there is no need for the river to be listed in 2002.
SWRCB Staff Recommendation	Exclude from the List. SWRCB staff agrees with the RB recommendation to withdraw this listing for 2002 due to new WER information.

Region 2

San Pablo Basin/Petaluma River (tidal portion)

Water Body	San Pablo Basin/Petaluma River (tidal portion)
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life (WARM, MIGR)
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	CTR, WQO Basin Plan
Water Body-specific Information	Data = 8 years (93-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Using the CTR , there have been 4 exceedances since 1993, two were twice the Basin Plan Objective amounts.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Monitoring Program (RMP) methods.
Potential Source(s) of Pollutant	Municipal Point Sources, Urban Runoff/Storm Sewers, Atmospheric Deposition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the Petaluma River (tidal portion) for Nickel.

Region 2

San Pablo Basin/Petaluma River

Water Body	San Pablo Basin/Petaluma River
Stressor/Media/Beneficial Use	Diazinon/Water/Aquatic life (WARM; MIGR)
Data quality assessment. Extent to which data quality requirements met.	Abelli-Amen, Petaluma Tree Planters data used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Diazinon linked to Aquatic Life.
Utility of measure for judging if standards or uses are not attained	CDFG Acute Criterion , WQO
Water Body-specific Information	Data = 4 months (7/98-11/98), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 36 samples total. CDFG acute criteria for Diazinon was violated in 33% of the samples. The criteria was used to determine the exceedance of the WQO.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 7/98-11/98.
Data type	Numerical data
Use of standard method	Abelli-Amen, Petaluma Tree Planters, Regional Board methods.
Potential Source(s) of Pollutant	Urban Runoff/Storm Sewers
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the Petaluma River for Diazinon using the CDFG criteria.

Region 2

Suisun Basin/Peyton Slough

Water Body	Suisun Basin/Peyton Slough
Stressor/Media/Beneficial Use	Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used BPTCP QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Sediment Toxicity linked to Aquatic Life.
Utility of measure for judging if standards or uses are not attained	Toxicity test results (and ERM quotient) for sediment used.
Water Body-specific Information	Data = 2 years (95-97), Data measured at the site, Environmental Conditions considered at site.
Data used to assess water quality	Elevated sediment chemistry (ERM quotient), significant amphipod toxicity in 4/5 samples (80%), significant urchin toxicity--4/5 samples (80%), relative benthic index = 0.36, 0.51, 0.34 (3 benthic gradient samples).
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected, from 5/95-4/97.
Data type	Numerical data
Use of standard method	BPTCP methods
Potential Source(s) of Pollutant	Industrial Point Sources
Alternative Enforceable Program	Consolidated Cleanup Plan (BPTCP)
RWQCB Recommendation	List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.
SWRCB Staff Recommendation	Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.

Region 2

San Mateo Coastal Basin/Pomponino Creek

Water Body	San Mateo Coastal Basin/Pomponino Creek
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	High Coliform Counts are linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 5 months (2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 44 samples for total coliform, 23 samples for fecal coliform, 21 E. coli samples. Basin Plan objectives violated in 64% samples for total coliform median. Basin Plan objectives violated in 3% samples for fecal coliform geomean. Basin Plan Objectives violated in 17% samples for fecal coliform in dry-weather months. E. coli data showed Basin Plan objectives violated in 5% samples for all the beach uses in dry weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 6/12/00-10/31/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List Pomponino Creek for High Coliform.

Region 2

San Mateo Coastal Basin/San Gregorio Creek

Water Body	San Mateo Coastal Basin/San Gregorio Creek
Stressor/Media/Beneficial Use	High Coliform Count/Water/REC-1
Data quality assessment. Extent to which data quality requirements met.	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	High Coliform Counts are linked to REC-1.
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	Data = 56 samples for total coliform , 23 samples for fecal coliform, 22 samples for E. coli. Basin Plan objectives violated in 2% samples for total coliform maximum Objectives violated in 73% samples for total coliform median. Basin Plan objectives violated in 26% samples for fecal coliform geomean. Objectives violated in 43% samples for fecal coliform in dry-weather months. E. coli data show 45% samples for total coliform maximum designated beach violated the Basin Plan Objectives. Basin Plan objectives violated in 45% samples for E. coli maximum moderately-used beach, violated in 18% samples for maximum lightly-used beach and violated in 45% samples for maximum infrequently-used beach, in dry weather months.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 9/28/98-10/31/00.
Data type	Numerical data
Use of standard method	San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.
Potential Source(s) of Pollutant	Nonpoint Source
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List San Gregorio Creek for High Coliform.

Region 2

San Pablo Basin/San Pablo Reservoir

Water Body	San Pablo Basin/San Pablo Reservoir
Stressor/Media/Beneficial Use	Mercury/Water/Fish Consumption
Data quality assessment. Extent to which data quality requirements met.	Used California Office of Health Hazard Assessment and Contra Costa County Health Services data. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Mercury linked to fish consumption
Utility of measure for judging if standards or uses are not attained	Interim fish advisory issued Feb. 2000, USEPA screening criteria (0.3 ppm), WQO
Water Body-specific Information	Data = 1 month (11/97), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.
Data used to assess water quality	5 out of 12 composite fish-tissue samples exceed the USEPA criteria. All of the fish were trophic Level 4 samples (large mouth bass). There was also a fish advisory issued in February 2000.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected during 11/97.
Data type	Numerical data
Use of standard method	Unknown
Potential Source(s) of Pollutant	Atmospheric Deposition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	List
SWRCB Staff Recommendation	List the San Pablo Reservoir for Mercury.

Region 2

Walker Creek

Water Body	Walker Creek
Stressor/Media/Beneficial Use	Mercury/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.
Linkage between measurement endpoint and benefical use or standard	Mercury linked to Aquatic life.
Utility of measure for judging if standards or uses are not attained	N/A
Water Body-specific Information	N/A
Data used to assess water quality	N/A
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	N/A
Potential Source(s) of Pollutant	Surface Mining, Mine Tailings
Alternative Enforceable Program	N/A
RWQCB Recommendation	Change in listed water body. Change pollutant from Metals to Mercury.
SWRCB Staff Recommendation	Change in listed water body. Change pollutant from Metals to Mercury.

Region 2

Arroyo Hondo

Water Body	Arroyo Hondo
Stressor/Media/Beneficial Use	Diazinon/Water/Aquatic Life and Drinking water uses
Data quality assessment. Extent to which data quality requirements met.	QA/QC requirement. Only data of higher overall level of information were used.
Linkage between measurement endpoint and benefical use or standard	Diazinon linked to Aquatic Life and Drinking water.
Utility of measure for judging if standards or uses are not attained	WQO, Basin Plan
Water Body-specific Information	This water body was erroneously added to the 1998 as part of the Urban creek listing for Diazinon.
Data used to assess water quality	Listing Factor 3 mistake made in 1998 List. This water body was found to be not part of the Urban Creek tributaries listed on the 1998 list… this creek isn't an urban creek at all. Field Reconnaissance in 2001, found this mistake.
Spatial representation	Data was spatially collected.
Temporal representation	Data was temporally collected.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	N/A
Alternative Enforceable Program	N/A
RWQCB Recommendation	Delist
SWRCB Staff Recommendation	Delist this water body from the 1998 list. This body was listed as a mistake and never should have been listed as an Urban Creek.

Region 2

Suisun/San Pablo Basins/Carquinez Strait

Water Body	Suisun/San Pablo Basins/Carquinez Strait
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	
Alternative Enforceable Program	
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Suisun/San Pablo Basins/Carquinez Strait

Water Body	Suisun/San Pablo Basins/Carquinez Strait
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used.
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Suisun Basin/Sacramento-San Joaquin Delta

Water Body	Suisun Basin/Sacramento-San Joaquin Delta
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Suisun Basin/Sacramento-San Joaquin Delta

Water Body	Suisun Basin/Sacramento-San Joaquin Delta
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Central Basin/San Francisco Bay, Central

Water Body	Central Basin/San Francisco Bay, Central
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

South Bay Basin/San Francisco Bay, Lower

Water Body	South Bay Basin/San Francisco Bay, Lower
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

South Bay Basin/San Francisco Bay, Lower

Water Body	South Bay Basin/San Francisco Bay, Lower
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Santa Clara Basin/San Francisco Bay, South

Water Body	Santa Clara Basin/San Francisco Bay, South
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used San Jose Copper and Nickel study QA/QC. QA/QC requirement. Only data of higher overall level of information was used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used
Water Body-specific Information	Data = 3 years (97-2000)
Data used to assess water quality	Data = 690 samples total collectively for S.F. Bay south of the Dumbarton Bridge. Using the CTR standard, 35% (241) of the samples exceed it.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 2/97-12/00.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List.
SWRCB Staff Recommendation	Maintain Listing. The Site Specific Objectives, that would allow this water body to be de-listed, have yet to be approved. Using the CTR standard, 35% of the samples still exceed.

Region 2

Santa Clara Basin/San Francisco Bay, South

Water Body	Santa Clara Basin/San Francisco Bay, South
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used San Jose Copper and Nickel study QA/QC. QA/QC requirement. Only data of higher overall level of information was used.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used
Water Body-specific Information	Data = 3 years (97-2000)
Data used to assess water quality	Data = 604 samples total collectively for S.F. Bay south of the Dumbarton Bridge. Using the CTR standard, 1% (6) of the samples exceed it.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 2/97-12/00.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List. Using the current CTR standards only 1% of 604 samples still exceed.

Region 2

San Pablo Basin/San Pablo Bay

Water Body	San Pablo Basin/San Pablo Bay
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

San Pablo Basin/San Pablo Bay

Water Body	San Pablo Basin/San Pablo Bay
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Suisun Basin/Suisun Bay

Water Body	Suisun Basin/Suisun Bay
Stressor/Media/Beneficial Use	Copper/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Copper linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	WQO Basin Plan used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Region 2

Suisun Basin/Suisun Bay

Water Body	Suisun Basin/Suisun Bay
Stressor/Media/Beneficial Use	Nickel/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.
Linkage between measurement endpoint and benefical use or standard	Nickel linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	California Toxics Rule (CTR) levels used
Water Body-specific Information	Data = 8 years (93-2001)
Data used to assess water quality	Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993.
Spatial representation	Data was spatially collected.
Temporal representation	Data was collected from 3/93-4/01.
Data type	Numerical data
Use of standard method	Regional Board methods
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist and place on the Watch List.
SWRCB Staff Recommendation	Delist and place on the Watch List.

Water Bodies Proposed for the Watch List by Region 2

Carquinez Strait	
	Copper
	Nickel
	PAHs, PBDEs
Lake Merced	
	Low Dissolved Oxygen
Lake Merritt	
	Low Dissolved Oxygen
Novato Creek below Stafford Dam	
	Sedimentation and Siltation
Pilarcitos Creek below Pilarcitos Reservoir	
	Sedimentation and Siltation
Richardson Bay	
	PAHs, PBDEs
Sacramento-San Joaquin Delta	
	Copper
	Nickel
	PAHs, PBDEs
San Francisco Bay, Central	
	Copper
	PAHs, PBDEs
San Francisco Bay, Lower	
	Copper
	Nickel
	PAHs, PBDEs
San Francisco Bay, South	
	Copper
	Nickel
	PAHs, PBDEs
San Pablo Basin/Castro Cove, Richmond	
	Toxicity
San Pablo Bay	
	Copper
	Nickel
	PAHs, PBDEs
South Bay Basin/Central Basin, San Francisco	
	Toxicity

South Bay Basin/Oakland Inner Harbor (Fruitvale site)	
	Toxicity
South Bay Basin/Oakland Inner Harbor (Pacific Dry-dock Yard 1 site)	
	Toxicity
South Bay Basin/Redwood Creek, tidal portion (San Mateo County)	
	E. coli
South Bay Basin/San Leandro Bay	
	Toxicity
Suisun Bay	
	Copper
	Nickel
	PAHs, PBDEs
Urban Creeks, Lakes, and Shorelines	
	Trash

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