

San Francisco Bay Basin Water Quality Control Plan

Basin Plan Update

Addition of Surface Water Bodies & Beneficial Uses



FINAL STAFF REPORT

July 7, 2010

Cover photos, clockwise from upper left:

- San Leandro Creek, Water Board staff photo, March 2001
- Mallard Slough, unattributed photo on www.flickr.com
- Alameda Creek, Water Board staff photo, May 2004
- North bay creek, Water Board staff photo

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1. INTRODUCTION

This Staff Report presents the supporting documentation for a proposed Basin Plan amendment (amendment) that will be considered by the California Regional Water Quality Control Board, San Francisco Bay Region (Water Board). The amendment will add surface water bodies and beneficial uses to the *Water Quality Control Plan for the San Francisco Bay Basin* (Basin Plan). Beneficial uses are uses of the waters of the State that are to be protected against degradation (California Water Code Section 13050).

As the Water Board's master planning document for water quality, the Basin Plan establishes water quality standards for the San Francisco Bay Region. These standards include (1) designated beneficial uses for surface and ground waters, (2) water quality objectives to protect those beneficial uses, and (3) a provision to protect high quality waters from degrading to the level allowed by the objectives, i.e., an antidegradation policy¹. Thus, designation of beneficial uses of the Region's water bodies is one cornerstone of water quality protection. The Basin Plan currently lists about 250 surface water bodies in Table 2-1; however, Table 2-1 does not show the existing beneficial uses for about 40% of these water bodies. In addition, many important water bodies in the Region are not listed, including for example, water bodies that receive a permitted discharge or are the focus of significant public interest.

The amendment would add approximately 280 surface water bodies to the Basin Plan, and designate the beneficial uses for over 380 water bodies. The beneficial uses addressed in this Staff Report are existing uses and the purpose of this amendment is to provide clarity and transparency to the public. Water quality objectives protective of a beneficial use apply whether or not an existing use is specifically identified in the Basin Plan. This report presents documentation to support designation of these beneficial uses. Section 2 of the report presents the project definition and defines the project, why it is necessary and its objectives. Section 3 explains how water bodies were selected for inclusion in the amendment. Section 4 presents the methodology used to designate beneficial uses. Section 5 proposes edits of Basin Plan Chapter 2 text to reflect the amendment, and Section 6 presents the results of California Environmental Quality Act (CEQA) analyses.

This report meets the requirements of the CEQA, including the preparation of a checklist (see Appendix D) for adopting Basin Plan amendments and serves in its entirety as a substitute CEQA environmental document.

¹ The antidegradation policy is contained within the Statement of Policy with Respect to Maintaining High Quality Waters in California, State Water Resources Control Board Resolution No. 68-16.

2. PROJECT DEFINITION

This section explains why the proposed Basin Plan amendment project is needed and it also presents the project definition and objectives which form the basis of the assessment required by the CEQA.

2.1 Project Necessity

The Basin Plan provides the foundation for regulatory activities, including designation of beneficial uses of the Region's surface waters. The Water Board first adopted the precursor to the Basin Plan, a "Plan for Waters Inland from the Golden Gate," in 1968. The first comprehensive Basin Plan for the region was adopted by the Water Board, and then approved by the State Water Board, in April 1975. At that time beneficial uses were designated for some, but not all, the surface water bodies listed in the Basin Plan. In addition, the list of surface water bodies in the Basin Plan is insufficient in some respects. For example: some geographic areas of the region have very few or no surface water bodies listed; surface waters with permitted dischargers are not all listed; and water bodies with restorations or other public interest are not listed. As a result, Board staff and the public must research the beneficial uses of these water bodies on a case-by-case basis. This process may be unclear to the public and can result in inefficient use of staff resources.

Adding surface water bodies and beneficial uses to Table 2-1 of the Basin Plan was recognized as a high priority project by the Water Board in its 2004 and 2009 Triennial Reviews of the Basin Plan.

2.2 Project Definition

The project is a proposed Basin Plan amendment (see Appendices A and B) to add surface water bodies to Chapter 2 of the Basin Plan, and to designate beneficial uses for existing and proposed surface water bodies. The project's components include:

- Augmentation of Table 2-1, *Existing and Potential Beneficial Uses of Water Bodies in the San Francisco Bay Region*, with approximately 280 additional surface water bodies.
- Designation of beneficial uses for the newly added surface water bodies and for the 103 surface water bodies in Table 2-1 for which beneficial uses have not yet been explicitly designated.
- Augmentation of Figures 2-3 through 2-9 with names of the additional surface water bodies.
- Amendment of Basin Plan Chapter 2 text where necessary to support the water body and beneficial use additions and to correct related typographical errors.
- Replace designations on Table 2-1, where appropriate, to provide clarity and consistency. For example, replace the designation "L" limited, for the water contact recreation beneficial use, as "L" is not defined in the Basin Plan and its meaning is unclear.

2.3 Project Objectives

The main objective of the project is to improve the clarity and completeness of the Basin Plan by adding surface water bodies and beneficial uses to the Basin Plan. The objectives of the proposed Basin Plan amendment are consistent with the mission of the Water Board and the requirements of the federal CWA and California's Water Code. These laws require the Water Board to protect the beneficial uses of water bodies in the San Francisco Bay Region.

These beneficial uses reflect existing uses, those uses that were attained in the water body on or after November 28, 1975, and which must be protected, whether or not they are specifically listed in the Basin Plan. Thus, the objective is solely to add clarity to the Basin Plan, not to add any new regulatory standard, requirement, or program.

3. ADDITION OF SURFACE WATER BODIES

This section describes the rationale behind the selection of water bodies proposed for addition to the Basin Plan.

Since the Basin Plan was originally adopted in 1975, Water Board staff and the public have found that many significant surface water bodies are not included in Table 2-1, the Basin Plan list of surface water bodies. For example, Table 2-1 omits a number of water bodies that receive a discharge permitted under our National Pollutant Discharge Elimination System program; are monitored by the Water Board's Surface Water Ambient Monitoring Program; that support endangered aquatic species; or that are under the stewardship of a public interest group. Certain types of surface water bodies are not well-represented, such as sloughs and reservoirs. In addition, very few water bodies are identified for some geographic areas, such as west Alameda and east San Mateo Counties. Both the 2004 and 2009 Triennial Reviews responded to these omissions by ranking this project a high priority among basin planning projects.

Water Board staff first solicited public input on this project on March 31, 2003. A CEQA scoping meeting was held on June 24, 2003, to solicit public input on the proposed scope of the Basin Plan amendment. Staff resources were diverted to working on other higher priority basin planning projects until 2008. In November 2008, we invited the public to actively participate in this project by emailing stakeholders through Lyrus notification lists and posting pertinent information to our web site.

As a result of this effort, we propose adding approximately 280 surface water bodies to Table 2-1 of the Basin Plan and updated maps to show all the surface water bodies listed in Table 2-1.

The expanded list is not intended to be an exhaustive list of every surface water body in the Region. Listing every water body is not manageable given staff resources, nor is it a prerequisite for protection of water quality, because the Water Board has water quality authority over Waters of the State, regardless of whether the water body is listed in the Basin Plan. We considered the following criteria when determining which water bodies to include:

- Water Board interest: include water bodies receiving a permitted discharge, especially where needed to assist in permitting decisions, and those being monitored under the Surface Water Ambient Monitoring Program.
- Water body types: ensure that all types of surface water bodies are represented, including sloughs and lakes.
- Geographic representation: while not every stream can be included, ensure that streams across the entire Region are listed at a consistent density.
- Substantial public interest: include water bodies that have undergone restoration or water bodies with stakeholder groups, such as Friends of the Creek groups.

4. DESIGNATION OF BENEFICIAL USES

This section describes the methodology used to designate beneficial uses to surface water bodies.

“Beneficial uses” are the beneficial ways water is used by humans and wildlife; they are also a cornerstone of water quality protection under the Basin Plan. Once beneficial uses are identified, programs that protect or enhance water quality can be implemented to ensure the protection of beneficial uses.

The CWA requires, as part of the establishment of water quality standards, that each state specify appropriate water uses to be achieved and protected (40 CFR 131.10(a)). The State Water Resources Control Board (State Water Board) adopted a uniform list and definitions of possible beneficial uses to be applied to all of California’s basins in 1972, and updated this list in 1996. The beneficial uses that may apply to surface waters in the San Francisco Bay Region are listed below, with their commonly used abbreviations.

- Agricultural supply (AGR)
- Areas of special biological significance (ASBS)
- Cold freshwater habitat (COLD)
- Commercial and sport fishing (COMM)
- Estuarine habitat (EST)
- Freshwater replenishment (FRSH)
- Groundwater recharge (GWR)
- Industrial service supply (IND)
- Marine habitat (MAR)
- Fish migration (MIGR)
- Municipal and domestic supply (MUN)
- Navigation (NAV)
- Industrial process supply (PRO)
- Preservation of rare and endangered species (RARE)
- Water contact recreation (REC1)
- Noncontact water recreation (REC2)
- Shellfish harvesting (SHELL)

- Fish spawning (SPWN)
- Warm freshwater habitat (WARM)
- Wildlife habitat (WILD)

Federal and State laws, regulations, and policies provide the basis for determining where these beneficial uses exist and how beneficial uses are designated in this amendment. For example, the CWA section 101(a)(2) creates a “rebuttable presumption” that fishable and swimmable uses are attainable. This means that most surface waters are designated with recreational and aquatic life beneficial uses. In addition, CWA regulations at 40 CFR 131.3(e) state that existing uses, whether identified or not in water quality standards, must be protected. In addition, the Basin Plan already provides that the beneficial uses of a water body generally apply to its tributaries (referred to as the “tributary rule”). More specific information regarding the approach used to determine the existence of beneficial uses is discussed in the following sections.

4.1 Clean Water Act National Goals

The CWA section 101(a)(2) establishes as an interim national goal that, “wherever attainable... water quality which provides for the protection and propagation of fish, shellfish, and wildlife and provides for recreation in and on the water be achieved...” Further, section 101(a)(2) states that the objective of the CWA is to “restore and maintain the chemical, physical, and biological integrity of the Nation’s waters.” To meet these CWA objectives, states must provide water quality for the protection and propagation of fish and wildlife, and for recreation in and on the water where attainable. Thus, propagation of fish and wildlife, and recreation in and on the water are presumptive surface water uses. To reflect the goals of the CWA, the WILD, REC-1, and REC-2 beneficial uses are proposed to be designated to all surface water bodies, and WARM is proposed for all inland surface water bodies. In cases where an entire water body supports cold freshwater habitat (COLD) and not warm freshwater habitat, only COLD is designated, and not WARM.

In a few cases, such as reservoirs used primarily for drinking water, REC-1 uses can be restricted or prohibited by the entities that manage these waters. In Table 2-1 of the draft Basin Plan amendment, these cases are indicated by an “E*” for the REC-1 beneficial use. E* indicates that public access to the water body is limited or prohibited for purposes of protecting drinking water quality and public health. REC-1 is designated as E* for the purpose of protecting water quality. No right to public access is intended by this designation. The current Basin Plan contains an “L” for some reservoirs to indicate the REC-1 use is “limited.” The term “limited” is not defined within the Basin Plan and no water quality objectives specific to this designation have been adopted into the Basin Plan. This amendment replaces “L” with “E*” for those water bodies where full body contact use of the water body is physically limited or prohibited by a water management entity. Thus “L” and “E*” have the same meaning and this amendment will provide clarity and transparency to the Basin Plan.

4.2 Documented Evidence and Databases

Published documents and resource agency databases are useful sources of evidence of existing uses, particularly the RARE, COLD, COMM, and NAV beneficial uses. The following sources

provide information on water bodies that support aquatic, plant, and/or animal species established as rare, threatened, or endangered (i.e., RARE) under State or federal law:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, California. This document provides information on the presence of steelhead, which has “threatened” status under federal wildlife protection programs, as well as existence of spawning habitat (SPWN) and migration corridors (MIGR). In addition, the existence of steelhead or rainbow trout also indicates the existence of cold freshwater habitat (COLD).
- Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. This reference is similar to the document above, but provides additional detail about coastal streams in San Mateo County.
- The National Marine Fisheries Service steelhead distribution database, available via the internet at http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls. This database identifies spawning habitat (SPWN) and migration corridors (MIGR), in addition to the presence of steelhead trout (RARE).
- State, county, and local websites and/or brochures that describe wildlife refuges, preserves, restoration areas, parks, and similar areas often provide information about the existence of threatened or endangered species in or along the riparian areas of surface water bodies.
- The California Department of Fish and Game’s Natural Diversity Data Base (NDDDB). The NDDDB tracks the location and condition of California’s rare, threatened, endangered, and sensitive plants, animals, and natural communities. RARE is designated only where the water body supports State or federally listed threatened or endangered species that are water-dependent.

Sources that provided information about the COMM and NAV uses included:

- The California Department of Fish and Game database of locations where commercial fishing licenses are issued provides evidence of water used for commercial or recreational fishing (COMM). This database is available via the internet at http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp.
- National Oceanic and Atmospheric Administration nautical charts indicate navigable waters (NAV), and are available via the internet at <http://www.charts.noaa.gov/OnLineViewer/>.

Water-dependent threatened or endangered species that were considered in designating the RARE beneficial use are listed in Table 1.

Table 1. Water-Dependent Threatened or Endangered Species

Species	Status	Habitat Remarks
California freshwater shrimp (<i>Syncaris pacifica</i>)	Federal Endangered, State Endangered	Lowland perennial streams. Favor pool areas with undercut banks, exposed tree roots, and overhanging vegetation. Inhabits only 16 streams in Marin, Napa & Sonoma Counties. ²
Chinook salmon (<i>Oncorhynchus tshawytscha</i>) 	Federal Threatened, State Endangered	Freshwater streams & estuaries; lay eggs in deeper streams with larger gravel (than steelhead); need cool water and good water flow (to supply oxygen); young Chinook rear in estuaries & associated wetlands prior to departing to the open ocean.
Coho salmon (<i>Oncorhynchus kisutch</i>)	Federal Endangered State Endangered	Freshwater streams to spawn & mature, then departure to ocean water; historically ranged from Oregon/California border to northern Monterey Bay.
Delta smelt (<i>Hypomesus transpacificus</i>)	Federal Endangered State Endangered	Western San Pablo Bay and Napa River landward to tidal freshwater reaches of the Delta. ³
Long fin smelt 	State Threatened	San Francisco Bay; migrate to brackish or freshwater in Suisun Bay and lower reaches of Sacramento and San Joaquin Rivers. Probably spawns in freshwater. ⁴
Sacramento splittail (<i>Pogonichthys macrolepidotus</i>)	Federal Threatened	Sacramento-San Joaquin Delta, streams of the Central Valley, and the Napa and Petaluma rivers. ⁵
Steelhead-Central California Coast (<i>Oncorhynchus mykiss</i>) 	Federal Threatened	Freshwater streams with spawning gravel free of heavy sedimentation, adequate flow, & cool, clear water. Logs, undercut banks, and deep pools needed for spawning adults. Eggs and pre-emergent fry require cool water with adequate dissolved oxygen prior to departure to ocean water. ⁶
Tidewater Goby (<i>Eucyclogobius newberryi</i>)	Federal Endangered	California coastal lagoons, estuaries, and marshes from Tillas Slough (Del Norte County) to Agua Hedionda Lagoon (northern San Diego County). ⁷

² U.S. Fish & Wildlife Service. 1998. *Recovery Plan for California Freshwater Shrimp* (*Syncaris pacifica* Holmes 1895). U.S. Fish & Wildlife Service, Portland, Oregon.

³ Bennett, B. *Delta Smelt Life History Model, A Contribution for the CALFED Ecosystem Restoration Program* 01/31/05. University of California, Davis. <http://nrm.dfg.ca.gov/FileHandler.ashx?DocumentVersionID=12208>

⁴ California Department of Fish and Game. *Longfin Smelt in San Francisco Bay*. Accessed January 11, 2010. <http://www.delta.dfg.ca.gov/baydelta/monitoring/lf.asp>.

⁵ US Fish and Wildlife Service. News release. Accessed January 11, 2010. http://www.fws.gov/sacramento/ea/News_Releases/2002%20News%20Releases/SFWO%202002%20News%20Releases/Sac_Splittail_Correction.htm.

⁶ National Marine Fisheries Service. 2007. *Federal Recovery Outline for the Distinct Population Segment of Central California Coast Steelhead*. Southwest Region Office. May 2007. http://swr.nmfs.noaa.gov/recovery/FINAL_Steelhead_061507.pdf

⁷ US Fish and Wildlife Service. *Tidewater Goby General Information*. Accessed January 11, 2010. <http://www.fws.gov/arcata/es/fish/Goby/goby.html>.

Species	Status	Habitat Remarks
California red-legged frog <i>(Rana aurora draytonii)</i> 	Federal Threatened	Aquatic habitats, including pools within streams, ponds, marshes and lagoons. Dense, shrubby or emergent riparian vegetation associated with perennial and intermittent fresh water bodies that are still or slow moving water. ⁸
California tiger salamander <i>(Ambystoma californiense)</i> 	Federal Threatened	Breed in slow streams or fish-free ephemeral ponds that form during winter. Live in grassland, oak savanna, & edges of mixed woodland & lower elevation coniferous forest. ⁹
California black rail <i>(Laterallus jamaicensis coturniculus)</i>	State Threatened	Reside permanently in San Francisco Estuary. Breeds in salt or freshwater marshes, where the ground is moist but not entirely submerged. ¹⁰
California clapper rail (<i>Rallus longirostris obsoletus</i>)	Federal Endangered, State Endangered	Marshes and tidal sloughs; forages on mudflats or very shallow water where taller plants provide protection at high tide.
Western snowy plover <i>(Charadrius alexandrinus nivosus)</i> 	Federal Threatened	Nest along tidal waters and estuaries. Breed on coastal beaches above the high tide line, sand spits, dune-backed beaches, sparsely-vegetated dunes, beaches at creek & river mouths, & salt pans at lagoons & estuaries. ¹¹
California least tern (<i>Sterna antillarum browni</i>)	Federal Endangered, State Endangered	Nest on coastal beaches & estuaries near shallow waters where small fish are abundant. ¹²
Salt-marsh harvest mouse <i>(Reithrodontomys raviventris)</i> 	Federal Endangered, State Endangered	Endemic to San Francisco Bay Area; inhabit dense pickleweed stand in tidal salt marshes; also found in salt, brackish, & freshwater marshes, & occupying nontidal uplands up to 150 feet from wetland. ¹³

⁸ U.S. Fish and Wildlife Service. 2002. *Recovery Plan for the California Red-legged Frog (Rana aurora draytonii)*. Region 1, Portland, Oregon. May 28, 2002. http://ecos.fws.gov/docs/recovery_plan/020528.pdf

⁹ *Ambystoma californiense* - California Tiger Salamander. Accessed January 12, 2010. <http://www.californiaherps.com/salamanders/pages/a.californiense.html>

¹⁰ Audubon. Black Rail *Laterallus jamaicensis*. Accessed January 12, 2010. <http://web1.audubon.org/science/species/watchlist/profile.php?speciesCode=blarai>

¹¹ U.S. Fish and Wildlife Service. Western Snowy Plover *Charadrius alexandrinus nivosus*. Accessed January 12, 2010. <http://www.fws.gov/arcata/es/birds/WSP/plover.html>

¹² California Department of Pesticide Regulation and California Department of Fish & Game. California Least Tern (*Sterna antillarum browni*) pamphlet. Accessed January 12, 2010. http://www.cdpr.ca.gov/docs/endspec/espdfs/clt_bio.pdf

¹³ San Francisco State University. The Biogeography of the Salt Marsh Harvest Mouse (*Reithrodontomys raviventris*). Accessed January 12, 2010. http://bss.sfsu.edu/holzman/courses/Spring%2005%20projects/SMH%20mouse/salt_marsh_harvest_mouse%20.htm

4.3 Personal Knowledge and Visual Evidence

Knowledgeable individuals, such as resource agency personnel and active Friends of Creeks members, have seen and learned a significant amount about the beneficial uses of the Region's water bodies. These individuals provided information on beneficial uses such as groundwater recharge (GWR), recreational fishing (COMM), cold water habitat (COLD), fish migration (MIGR), support of rare species (RARE), spawning habitat (SPWN), and recreation (REC-1 and REC-2). The following organizations provided information on beneficial uses of the region's surface waters:

- Alameda County Public Works Agency
- Alameda Creek Watershed Council
- California Department of Fish and Game
- Contra Costa Water District
- Guadalupe-Coyote Resource Conservation District
- Marin County Department of Public Works
- Marin County Resource Conservation District
- Napa County Resource Conservation District
- National Marine Fisheries Service within the National Oceanic & Atmospheric Agency
- National Park Service, particularly personnel from the Point Reyes National Seashore
- San Francisco Public Utilities Commission
- Alameda, Santa Clara Valley and San Mateo County stormwater programs
- Santa Clara Valley Water District
- Sonoma Ecology Center
- Zone 7 of the Alameda County Flood Control and Water Conservation District

The following stakeholder groups provided information on beneficial uses:

- Friends of Corte Madera Creek
- Friends of Los Alamitos Watershed
- Friends of Sausal Creek
- Friends of Springtown Preserve
- Mill Valley StreamKeepers
- Ross Creek Neighbors
- Salmon Protection and Watershed Network
- Save San Francisco Bay
- Salmon Protection and Watershed Network (SPAWN)
- Urban Creeks Council

4.4 State Drinking Water Policy

In November 1986, the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) was approved by the California voters. Proposition 65 prohibits the discharge of toxic substances into "sources of drinking water." The State Water Board has defined the term "sources of drinking water" in Resolution No. 88-63, Sources of Drinking Water Policy, which the San Francisco Bay Water Board adopted in Resolution No. 89-39. This policy specifies that,

except under specifically defined conditions, all surface and ground waters of the State should be designated as suitable, or potentially suitable, for municipal or domestic water supply.

Under this policy the Water Board has both the discretion through the basin planning process to retain previously designated beneficial uses and the authority to identify those waters in the Region that should be exempted from the MUN designation. In accordance with the Sources of Drinking Water Policy, this amendment designates specific inland surface water bodies as having an existing MUN beneficial use.

4.5 Other Guidelines

In addition to the approach described above, Water Board staff employed the following guidelines in designating beneficial uses:

- Under the “tributary rule,” the beneficial uses of any specifically identified water body generally apply to all its tributaries (Basin Plan, Section 2.2.1).
- Where a beneficial use is known to exist in a portion of a water body, the use is designated to the entire water body. In some cases, beneficial uses may not exist across the entire water body. For example, spawning habitat may be present (or have been present any time on/after November 28, 1975) only in certain reaches of a stream. Resource constraints do not allow us to make reach-specific determinations at this time.
- Beneficial uses of streams that have intermittent flows, as is typical of many streams in the region, are designated as “existing.”
- Designating a beneficial use does not assign permission or a right to use the water body for a related purpose. For example, designating REC-1 or REC-2 does not mean that the water body must be open for public recreation; it simply means that the water quality must meet the water quality objectives that protect these uses.
- Beneficial use designations for any given water body do not rule out the possibility that other beneficial uses exist or have the potential to exist.

Attachment A contains documentation sheets for each water body for which beneficial uses are proposed; these documentation sheets explain the bases for proposing each beneficial use.

4.6 Summary of Beneficial Use Criteria

For each beneficial use applicable to surface waters in the San Francisco Bay Region, Table 2 summarizes the state-wide definition and describes the information used to determine where and/or whether the beneficial use exists.

Table 2. Definitions and Applicability of Beneficial Uses

Beneficial Use	Definition	Applicability ¹⁴ / Info to support the Beneficial Use
AGR	Use for farming, horticulture, ranching	Designated where agricultural activities use surface water and agriculture is a predominant land use along the water body.
MUN	Use for community or individual drinking water	Although broadly applicable, MUN is specified primarily on reservoirs, where the water body is used as a drinking water supply or is used to store imported drinking water sources ¹⁵ .
FRSH	Use for natural or artificial maintenance of surface water quality or quantity	Designated where fresh water flows are needed to balance salinity or maintain flows, e.g., to marshes and managed ponds and designated where fresh water flows to a reservoir.
GWR	Use for natural or artificial recharge of groundwater	Designated where surface water is hydrologically connected to a regionally important groundwater basin used for drinking water supply.
IND	Use for industrial activities that <i>don't</i> depend on water quality	Designated in estuary and coastal waters, particularly where industrial use exists.
PROC	Use for industrial activities that <i>depend</i> on water quality	Designated where inland streams are used for industrial process water.
COMM	Commercial or recreational collection of fish, shellfish, other organisms for consumption or bait end uses	Designated where commercial or recreational fishing occurs, including water bodies for which the California Department of Fish & Game issues fishing licenses.
SHELL	Use that support habitats suitable for collection of crustaceans and filter-feeding shellfish (clams, oysters, bivalves, mussels)	The State Board is in the process of evaluating beneficial uses associated with shellfish harvesting, including COMM and SHELL. Therefore SHELL is not being designated to water bodies at this time, pending completion of the statewide policy effort.
COLD	Uses that support cold water ecosystems, including aquatic habitats, vegetation, fish, or wildlife	Designated where indicators of cold freshwater habitat are present, such as the presence of steelhead trout, salmon, or other cold water species. Note that both cold and warm water habitat may be present in a given water body.
EST	Uses that support estuarine ecosystems, including estuarine habitats, vegetation, fish, shellfish, wildlife, organisms	Designated in estuarine water bodies, such as Lower San Francisco Bay, its embayments and tidally-influenced river reaches.
MAR	Uses that support marine ecosystems, including marine habitats, vegetation such as kelp, fish, shellfish, or wildlife	Designated in ocean waters where shorebirds, waterfowl, kelp beds, marine mammals, fish, shellfish, intertidal zones, and/or marshes are found.

¹⁴ Beneficial uses are designated where the use exists *or has existed at any time* since November 28, 1975.

¹⁵ See discussion of State Water Board Resolution No. 88-63 and Water Board Resolution No. 89-39 in Section 4.2.4 of this report.

Beneficial Use	Definition	Applicability ¹⁴ / Info to support the Beneficial Use
MIGR	Uses that support habitats for migration, acclimatization between fresh and salt water, protection of aquatic organisms that are temporary inhabitants of waters	Designated for ocean, estuarine, and inland surface waters where the migration of steelhead trout, salmon, or other migratory species occurs.
RARE	Uses that support habitats of plant or animal species established under state and/or federal law as rare, threatened, or endangered	Designated where the water body or its riparian area supports habitat for rare, threatened, or endangered species.
SPWN	Uses that support high quality aquatic habitats suitable for reproduction and early development of fish	Designated for waters where conditions supportive of fish or shellfish spawning, such as substrate quality, exist. This use is not dependent on the presence of anadromous species.
WARM	Uses that support warm water ecosystems including aquatic habitats, vegetation, fish, or wildlife, including invertebrates	Designated in inland waters where aquatic life (fish, frogs, crayfish, and insects) is present. This is a presumptive use under CWA section 101(a)(2), thus documentation is not required and WARM is designated for nearly all water bodies. Where data indicate only cold water (not warm) habitat exists, then only COLD is designated.
WILD	Uses that support wildlife habitats including vegetation and prey species, such as waterfowl	Designated in waters where wildlife is present. This is a presumptive use under CWA section 101(a)(2), thus documentation is not required and WILD is designated for all water bodies.
ASBS	Areas designated as having special biological significance by the State Water Board	The State has designated Bird Rock, Point Reyes Headland Reserve & Extension, Double Pt, Duxbury Reef Reserve & Ext., Farallon Islands, and Fitzgerald Marine Reserve as ASBSs.
REC-1	Uses for recreational activities involving body contact with water where ingestion is reasonably possible, including swimming, wading, water skiing, skin diving, surfing, whitewater rafting, fishing	Designated where: <ul style="list-style-type: none"> • Public access to beaches, streams, lakes or reservoirs exists; • Parks are located along water bodies and water access is not clearly prevented; • Water contact recreation, or the potential for water contact recreation, is known to exist. This is a presumptive use under CWA section 101(a)(2), thus documentation is not required and REC-1 is designated for all water bodies.
REC-2	Uses for recreational activities involving proximity to water, but not normally involving contact with water where ingestion is reasonably possible	Examples of REC-2 uses include picnicking, sun bathing, hiking, beachcombing, camping, boating (not whitewater), and tide pool study. REC-2 is a presumptive use under CWA section 101(a)(2), thus documentation is not required and REC-2 is designated for all water bodies.
NAV	Uses for shipping, travel, other transportation by private, military, or commercial vessels	Designated primarily for coastal and bay waters. The NAV beneficial use is distinct from the CWA term "navigable." For bays and rivers, National Oceanic and Atmospheric Administration nautical charts are used to demonstrate the existence of NAV.

4.7 Beneficial Use Designated in Error to Rodeo Creek

A previous Basin Plan update designated the marine habitat (MAR) beneficial use on the freshwater creek, Rodeo Creek, located in the Marin Coastal Basin. At the same time, Rodeo Lagoon, a tidal, saltwater embayment, was not designated the MAR beneficial use. This incorrect designation is most probably the result of a typographical or data entry error. Table 2-1 corrects the error by removing MAR from Rodeo Creek and designating the MAR beneficial use on Rodeo Lagoon.

4.8 Removal of Mallard Reservoir

Mallard Reservoir in Contra Costa County was included on the list of surface waters in the Basin Plan in 1975. This reservoir was designed and constructed to serve solely as the forebay to the Contra Costa Water District's Bollman Water Treatment Plant. Mallard Reservoir is a man-made bermed containment constructed on dry land and was built before 1972. It does not impound natural drainage, but receives water through a pipeline from Suisun Bay. If the pipeline was shut down, the reservoir would have no water inflow. The U.S. Corps of Engineers has communicated to the Water Board that Mallard Reservoir is considered non-jurisdictional under Section 404 of the Clean Water Act. In light of this information, Mallard Reservoir is proposed to be removed from the Basin Plan.

5. BASIN PLAN CHAPTER TWO REVISIONS

Minor edits of Chapter 2 of the Basin Plan are proposed to support the addition of water bodies and designation of beneficial uses. These changes are intended to clarify the definitions and applicability of the beneficial uses. Proposed Chapter 2 edits do not affect or change any State or regional policy, program, or implementation plan. The types of revisions proposed, with rationale, follow:

- Additions to the introduction to Chapter 2 are intended to provide more information about beneficial uses in general, including how beneficial uses are designated.
- Some revisions correct or update terminology or references to policies that have been revised, such as the California Ocean Plan.
- Minor revisions and additions within the beneficial use descriptions are intended to clarify how the beneficial use applies within the San Francisco Bay Region.
- Within Chapter 2 section 2.2 (Existing and Potential Beneficial Uses), revisions are intended to provide more complete information, consistency in terminology, and clarity in format.
- Within Chapter 2 section 2.2.3 (Wetlands), minor typographical errors in table references are corrected.
- Surface water body maps, shown in Figures 2-3 through 2-9b of the Basin Plan, are updated to include labels for the newly proposed surface water bodies. To achieve adequate resolution and clarity for the seven hydrologic units (basins) in the Region, additional maps are presented.
- Correct an error in the title of Table 2-4 (Examples of Beneficial Uses of Wetland Areas). This is a nunc pro tunc change, in that the phrase "Examples of" was inserted in 2007 to the Basin Plan outside of the basin plan amendment process.

6. ENVIRONMENTAL ANALYSIS

This section presents the regulatory analyses required under the CEQA when the Water Board adopts a Basin Plan amendment under the Water Board's certified regulatory program (California Public Resources Code § 15251 [g]).

The California Public Resources Code, Section 21159.4 requires a State agency to perform an environmental analysis of the reasonably foreseeable methods of compliance, at the time of the adoption of a rule or regulation requiring the installation of pollution control equipment or a performance standard or treatment requirement. In this case, the proposed Basin Plan amendment does not require the installation of pollution control equipment, or compliance with a performance standard or treatment requirement. No implementation plan is proposed, because no actions are required to comply with the amendment, which is non-regulatory. Thus, the amendment would have no environmental or economic impacts.

The Water Board is the Lead Agency for evaluating the environmental impacts of Basin Plan amendments pursuant to CEQA. In compliance with the State Water Board's CEQA implementation guidelines, the Water Board prepared the required environmental documents, which include an Environmental Checklist Form, a written report (this Staff Report) that discloses any potentially significant environmental impacts of the reasonably foreseeable methods of compliance with the Basin Plan amendment, and an initial draft of the Basin Plan amendment. This Staff Report, including the CEQA checklist and these analyses, constitute a substitute environmental document.

As shown in the Environmental Checklist Form (Attachment B), there are no potentially significant environmental impacts from the implementation of this Basin Plan amendment. Therefore, an analysis of alternatives is not needed to lessen or mitigate impacts. The finding of no environmental impacts is based on the fact that this amendment will not result in any physical change, nor will it affect any other plan, regulation, or policy. The amendment merely names water bodies and designates beneficial uses for existing uses as of November 28, 1975. The proposed revisions do not have any direct effect on the environment, because the water bodies and beneficial uses exist and must be protected, whether or not the beneficial uses are specifically listed in the Basin Plan.

The proposed Basin Plan amendment lists the commonly known names of surface water bodies and their beneficial uses in Table 2-1. In addition, the proposed amendment designates beneficial uses to water bodies currently listed in Table 2-1, but with no beneficial uses. Adding these water bodies and designating beneficial uses will simply provide clarity. There are no potentially significant environmental impacts or economic impacts associated with compliance with this revision because the beneficial uses of the water bodies are protected whether or not they are specifically listed in the Basin Plan.

The proposed amendment also makes non-regulatory revisions to Chapter 2 text to improve clarity regarding beneficial use designation. Because this change is solely a clarification of the

Basin Plan, there are no potentially significant environmental impacts or economic impacts associated with compliance with these revisions.

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Staff Report Attachment A

Surface Water Body Beneficial Use Documentation Tables

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CONTENTS*

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** Clicking on the bookmarks icon on the left hand side tool bar will help the reader find individual water bodies.*

Surface water bodies herein are listed in the same order as in Table 2-1 of the Basin Plan, which is geographically. This document does **not** include the water bodies on Table 2-1 for which no additional beneficial uses were proposed in the July 14, 2010 Basin Plan amendment.

The water body type (e.g., slough, intermittent stream, perennial stream) and any general information provided about a water body are intended for general interest only.

MARIN COASTAL BASIN

Drakes Estero

County: Marin

Water body type: Coastal Lagoon

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Previously assigned
SHELL	E	Previously assigned
COLD		
EST		
MAR	E	Previously assigned
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM		
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

MIGR and RARE: East Schooner and Home Ranch Creeks are tributaries to Drakes Estero and have documented steelhead migration. Sources:

- Memorandum from Mary Coopriider, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- National Marine Fisheries Service steelhead distribution database. Available at http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls

East Schooner Creek

County: Marin

Water body type: Intermittent Stream, discharges to Drakes Estero

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL	E	Previously assigned
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. Federal Register, Vol. 71, No. 71, April 13, 2006 National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

MIGR and RARE: Memorandum from Mary Coopridner, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-ij.pdf>. Accessed November 18, 2009.

Home Ranch Creek

County: Marin

Water body type: Intermittent Stream, discharges to Drakes Estero

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003. Federal Register, Vol. 71, No. 71, April 13, 2006. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Limantour Estero

County: Marin

Water body type: Estuary

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Previously assigned
SHELL	E	Previously assigned
COLD		
EST		
MAR	E	Previously assigned
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM		
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

MIGR: Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

General information: Limantour Estero is located within Philip Burton Wilderness and is a proposed Marine Reserve under the Marine Life Protection Act – [36700(a) PRC]. A "state marine reserve," is a non-terrestrial marine or estuarine area that is designated so the managing agency may achieve one or more of the following:

1. protect or restore rare, threatened or endangered native plants, animals or habitats in marine areas;
2. protect or restore outstanding, representative or imperiled marine species, communities, habitats and ecosystems;
3. protect or restore diverse marine gene pools; or
4. contribute to the understanding and management of marine resources and ecosystems by providing the opportunity for scientific research in outstanding, representative or imperiled marine habitats or ecosystems.

Glenbrook Creek

County: Marin

Water body type: Intermittent Stream, discharges to Limantour Estero

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	Federal Register, Vol. 71, No. 71, April 13, 2006.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and MIGR: Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Muddy Hollow Creek

County: Marin

Water body type: Intermittent Stream, discharges to Limantour Estero

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Federal Register, Vol. 71, No. 71, April 13, 2006
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and MIGR: Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

RARE: Species include steelhead and California red-legged frog. Sources:

- National Marine Fisheries Service steelhead distribution database
- Muddy Hollow Creek is within Critical Habit Unit MRN-2 (Point Reyes Peninsula). This Unit consists of federal land west of Highway 1. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Page 19267.

Santa Maria Creek (Marin County)

County: Marin

Water body type: Perennial Stream, discharges to Pacific Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003. Federal Register, Vol. 71, No. 71, April 13, 2006.
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	National Park Service written communication, April 18, 2003. Also, Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, SPWN and WARM: Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Marin Coastal Basin

Coast Creek

County: Marin

Water body type: Perennial Stream, discharges to Pacific Ocean

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL	E	Previously assigned
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	National Park Service email communication, April 29, 2009.
RARE	E	National Park Service email communication, April 29, 2009. California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsomarin.pdf
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

MIGR and RARE: Email from Brannon Ketcham, Hydrologist, Point Reyes National Seashore, National Park Service, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board, RE: PRNS comments on Marin Coastal unit of Basin Plan. April 29, 2009.

Marin Coastal Basin

Alamere Creek

County: Marin

Water body type: Perennial Stream, discharges to Pacific Ocean

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

General information: A natural barrier to fish migration exists at beach interface. Source: Email from Brannon Ketcham, Hydrologist, Point Reyes National Seashore, National Park Service, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board, RE: PRNS comments on Marin Coastal unit of Basin Plan. April 29, 2009.

Wildcat Lake

County: Marin

Water body type: Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General Information: Northernmost of five natural lakes located at the southern end of the Point Reyes Peninsula clustered around the Wildcat Beach area.

Marin Coastal Basin

Crystal Lake

County: Marin

Water body type: Lake

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
NAV		

General Information: One of five natural lakes located at the southern end of the Point Reyes Peninsula clustered around the Wildcat Beach area.

Arroyo Hondo (Marin)

County: Marin

Water body type: Perennial Stream, discharges to Pacific Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Water supply for Bolinas Community PUD
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	National Park Service written communication, April 18, 2003. Also, Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: Sources:

- <http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/02/04/MNV415MGLA.DTL>, “At this time of year, the town usually draws its water from the Arroyo Hondo Creek.”
- Email from Brannon Ketcham, Hydrologist, Point Reyes National Seashore, National Park Service, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board, RE: PRNS comments on Marin Coastal unit of Basin Plan. April 29, 2009.

COLD and WARM: Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

General information: Field surveys confirmed by NMFS determined presence of natural barrier 200 meters inland from beach. *O. mykiss* have been documented, but based on ESA designation, they are not considered steelhead. Also, Arroyo Hondo discharges to northern boundary of Duxburry Reef ASBS. Source: Email from Brannon Ketcham, Hydrologist, Point Reyes National Seashore, National Park Service, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board, RE: PRNS comments on Marin Coastal unit of Basin Plan. April 29, 2009.

Bass Lake

County: Marin

Water body type: Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Used for recreational fishing
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: One of five natural lakes located at the southern end of the Point Reyes Peninsula clustered around the Wildcat Beach area. This lake is accessible only by hiking trail. Swimming and fishing are documented uses. For example, see <http://www.yelp.com/biz/bass-lake-bolinas>, accessed December 3, 2009.

Pelican Lake

County: Marin

Water body type: Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information:

- Pelican Lake drains to Double Point ASBS. Source: Email from Brannon Ketcham, Hydrologist, Point Reyes National Seashore, National Park Service, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board, RE: PRNS comments on Marin Coastal unit of Basin Plan. April 29, 2009.
- Pelican Lake is a tiny body of water just barely separated from the ocean and located about halfway between Bolinas and Pt. Reyes Station. It's hemmed in on all sides by surrounding hills, a good hundred feet above the level of the Pacific Ocean and surrounded by pine trees and heavy vegetation in a wilderness watershed area accessible only to hikers. Source: http://www.allmarinhomes.com/content.fsp?name=marin_lakes. Accessed December 2, 2009.

Bolinas Lagoon

County: Marin

Water body type: Coastal Lagoon

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Previously assigned
SHELL	E	Previously assigned
COLD		
EST		
MAR	E	Previously assigned
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM		
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV	E	Significant commercial fishing fleet traffic

General information: Bolinas Lagoon lies within the Gulf of the Farallones National Marine Sanctuary, 15 miles northwest of San Francisco. Recognized by the [Ramsar Convention](#) as a Wetland of International Importance, the lagoon is located along the Pacific Flyway, making it an ideal staging ground and stopover site for migratory birds.

This 1,100 acre tidal estuary provides critical habitat for shorebirds and waterfowl, marine mammals, fish and invertebrates. The Lagoon also offers fishing, boating, bird watching and other recreational opportunities for thousands of area residents and visitors. Source: http://www.farallones.org/e_newsletter/2008-05/Bolinas.htm. Accessed November 18, 2009.

Pine Gulch Creek

County: Marin

Water body type: Perennial Stream, flows to Bolinas Lagoon

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsoufmarin.pdf
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
REC-2	E	Previously assigned
NAV		

RARE: Species include Coho salmon and steelhead trout. Sources:

- Memorandum from Mary Coopriider, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsoufmarin.pdf

Copper Mine Gulch Creek

County: Marin

Water body type: Intermittent Stream, tributary to Pine Gulch Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Ketcham B.J., and G.G. Brown
EST		
MAR		
MIGR	E	Ketcham B.J., and G.G. Brown
RARE	E	Ketcham B.J., and G.G. Brown
SPWN	E	Ketcham B.J., and G.G. Brown
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Ketcham B.J., and G.G. Brown. 2003. Coho Salmon (*Oncorhynchus kisutch*) in Pine Gulch Creek, Marin County, CA. 2002 Monitoring Report. Coho Salmon and Steelhead Trout Restoration Program. PORE-NR-WR-03/01. 18pp. plus appendices.

Wilkins Gulch Creek

County: Marin

Water body type: Intermittent Stream, flows to Bolinas Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Pike County Gulch Creek

County: Marin

Water body type: Intermittent Stream, flows to Bolinas Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Morses Gulch Creek

County: Marin

Water body type: Intermittent Stream, flows to Bolinas Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	National Park Service written communication, April 18, 2003. Also, Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, SPWN and WILD: Memorandum from Mary Coopridner, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

McKinnan Gulch Creek

County: Marin

Water body type: Intermittent Stream, flows to Bolinas Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	National Park Service written communication, April 18, 2003. Also, Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Memorandum from Mary Coopridner, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Stinson Gulch Creek

County: Marin

Water body type: Intermittent Stream, flows to Bolinas Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Stinson Beach County Water District
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: The Stinson Beach water supply is provided by two types of sources; surface water and ground water. Surface water is supplied by the Fitzhenry, Black Rock, Stinson Gulch and Webb creeks.
<http://stinson-beach-cwd.dst.ca.us/quality.html>. Accessed November 18, 2009.

COLD, MIGR, RARE and SPWN: Memorandum from Mary Coopridner, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Easkoot Creek

County: Marin

Water body type: Intermittent Stream, discharges to Bolinas Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Memorandum from Mary Coopriider, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Webb Creek

County: Marin

Water body type: Perennial Stream, flows to Pacific Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Stinson Beach County Water District
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE	E	California Department of Fish and Game
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: The Stinson Beach water supply is provided by two types of sources; surface water and ground water. Surface water is supplied by the Fitzhenry, Black Rock, Stinson Gulch and Webb creeks. Source: <http://stinson-beach-cwd.dst.ca.us/quality.html>. Accessed November 18, 2009.

RARE: Species include steelhead and possibly coho salmon. Source: Map by Bill Cox, California Department of Fish and Game and John O'Conner, SPAWN and Marin County Department of Public Works. Available at http://gisprod1.co.marin.ca.us/CWPMaps/Natural%20Systems%20%20Maps/Map_2-04_Steelhead_Coho.pdf. Accessed August 5, 2009.

General information: Webb Creek originates in Tamalpais State Park.

Lone Tree Creek

County: Marin

Water body type: Intermittent Stream, discharges to Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Lone Tree Creek originates in Tamalpais State Park.

Redwood Creek (Marin)

County: Marin

Water body type: Perennial Stream, discharges to Pacific Ocean

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL	E	Previously assigned
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsomarin.pdf
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Species include Coho salmon and steelhead trout. Sources:

- Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsomarin.pdf

Green Gulch Creek

County: Marin

Water body type: Intermittent Stream, tributary to Redwood Creek (Marin County)

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003.
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	National Park Service written communication, April 18, 2003. Also, Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, SPWN and WARM: Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Tennessee Valley Creek

County: Marin

Water body type: Intermittent Stream, discharges to Pacific Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Multiple surveys were conducted; no salmonids documented. See: Fong, D. 2005. California freshwater shrimp and fish surveys along Tennessee, Rodeo, and Gerbode Creeks, Marin Co. for the Marin Headlands-Fort Baker Transportation Plan. Unpublished report prepared for the Golden Gate National Recreation Area. 26 pp. Contact National Park Service for copy.

Rodeo Lagoon

County: Marin

Water body type: Coastal Lagoon

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG: http://www.dfg.ca.gov/fishinginthecity/sf/north.html
SHELL		
COLD	E	Previously assigned
EST		
MAR	E	Previously assigned to Rodeo Creek in error, and intended to be assigned to this marine water body. Also previous assigned in Basin Plan Table 2-4.
MIGR		
RARE	E	National Park Service written communication, April 18, 2003.
SPWN		
WARM		
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: Trout fishing in Marin County is available primarily in reservoirs stocked by the Department with catchable trout, including **Upper Rodeo Lagoon**: 4 acres. This freshwater lagoon, located on the Fort Cronkite Military Reservation near Sausalito, is open to the public. **Lower Rodeo Lagoon**: This saltwater lagoon is also located on Fort Cronkite, across the road from the Upper Lagoon. Winter storms periodically break open the sand bar at the mouth and allow several species of ocean fish to enter. Species often found in this lagoon include striped bass, starry flounder, surf perch, and smelt. Source: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

RARE: Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Marin Coastal Basin

Rodeo Creek

County: Marin

Water body type: Perennial Stream, discharges to Rodeo Lagoon

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR	E	Previously assigned. The assignment of MAR to Rodeo Creek, a freshwater creek, was an error. It is likely that MAR was meant to be assigned to Rodeo Lagoon, but assigned to Rodeo Creek by mistake.
MIGR		
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

Tomales Bay

County: Marin

Water body type: Enclosed bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Previously assigned
SHELL	E	Previously assigned
COLD		
EST		
MAR	E	Previously assigned
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM		
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV	E	NOAA navigation chart 18643, Edition 17, April 1, 2003.

NAV: <http://www.charts.noaa.gov/OnLineViewer/18643.shtml>

Millerton Gulch

County: Marin

Water body type: Perennial Stream, discharges to Tomales Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Grand Canyon Creek

County: Marin

Water body type: Intermittent Stream, discharges to Tomales Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Tomasini Creek

County: Marin

Water body type: Intermittent Stream, discharges to Tomales Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Giacomini Wetland Restoration Project EIS/EIR
EST		
MAR		
MIGR	E	Giacomini Wetland Restoration Project EIS/EIR
RARE	E	Giacomini Wetland Restoration Project EIS/EIR
SPWN	E	Giacomini Wetland Restoration Project EIS/EIR
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive
REC-1	E	Clean Water Act 101(a)(2) presumptive use. Flows through a National Park/Recreation Area, where access is not physically restricted.
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Special status species include Southwestern river otter, California red-legged frog, Northwestern pond turtle, Steelhead salmon, Coho salmon, Chinook salmon, Tidewater goby, California black rail, California brown pelican, California clapper rail, Green-backed heron, California black rail.

COLD, EST, MIGR, RARE, and SPWN: Point Reyes National Seashore. 2007. Final Giacomini Wetland Restoration Project EIS/EIR. Available at http://www.nps.gov/pore/parkmgmt/upload/planning_giacomini_wrp_eiseir_draft_2006_ch3.pdf. Pg. 258.

Walker Creek

County: Marin

Water body type: Perennial Stream, discharges to Tomales Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: Trout fishing in Marin County is available in ... **Walker Creek:** Both steelhead and salmon are found in this stream. There is public access along Highway One south of the town of Tomales. Source: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

RARE: Species include Coho salmon, steelhead, California freshwater shrimp, and California red-legged frog. Sources:

- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf
- CA Freshwater Shrimp, USFWS, 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, US Fish and Wildlife Service, Region 1, Portland, Oregon. 1998.
- RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Chileno Creek

County: Marin

Water body type: Intermittent Stream, tributary to Walker Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Federal Register, Vol. 71, No. 71, April 13, 2006. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006.
Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Laguna Lake

County: Marin / Sonoma border

Water body type: Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

REC-1: Note that public use may be limited. “Sonoma County: Boating permitted at Ralphine Lake, Lake Sonoma, Spring Lake. Public banned at Laguna Lake.” See <http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/04/09/SP7F16UHLS.DTL&type=printable>. Accessed April 20, 2009.

General Information: Privately owned Laguna Lake, at the headwaters of Chileno Creek, is a large (about 200 acres) shallow water body. Source: Surface Water Ambient Monitoring Program (Swamp), Final Workplan 2001 –2002 San Francisco Bay Regional Water Quality Control Board, August 2001 (Revised August 2002). Available at http://www.swrcb.ca.gov/rwqcb2/docs/swamp_wp_01-02.doc.

Frink Canyon Creek

County: Marin

Water body type: Intermittent Stream, tributary to Walker Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Federal Register, Vol. 71, No. 71, April 13, 2006. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006.
Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Verde Canyon Creek

County: Marin

Water body type: Intermittent Stream, tributary to Walker Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Federal Register, Vol. 71, No. 71, April 13, 2006.. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006.
Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Salmon Creek (Marin County)

County: Marin

Water body type: Perennial Stream, tributary to Walker Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf Federal Register, Vol. 71, No. 71, April 13, 2006
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include steelhead trout and California red-legged frog. Sources:

- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf
- Salmon Creek is within Critical Habit Unit MRN-1 (Salmon Creek) for California red-legged frog. This Unit is located in north-central Marin County, east of Highway 1 and north of Point Reyes Petaluma Road. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Page 19267.

Soulejule Reservoir

County: Marin

Water body type: Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Soulejule Reservoir is a Marin Municipal Water District reservoir.

<http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 30, 2009.

REC-1: Public access is limited by the Marin Municipal Water District.

Arroyo Sausal

County: Marin

Water body type: Intermittent Stream, tributary to Walker Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Soulejule Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE	E	Federal Register, Vol. 71, No. 71, April 13, 2006.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include red-legged frog. Source: Federal Register, Vol. 71, No. 71, April 13, 2006.
 Supporting source: Map of California red-legged frog habitat in Marin County, California, available at <http://www.epa.gov/espp/litstatus/redleg-frog/marin-jj.pdf>. Accessed November 18, 2009.

Lagunitas Creek

County: Marin

Water body type: Perennial Stream, discharges to Tomales Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH	E	Flows to freshwater reservoirs
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN, FRSH, & RARE: Lagunitas Creek begins on Mt. Tam, and the creek and its tributaries feed into MMWD's reservoirs. Downstream of the reservoirs, the creek is a spawning and rearing ground for coho salmon and steelhead trout. The creek is also habitat for endangered California freshwater shrimp. Lagunitas Creek supports one of the best populations of coho salmon, and probably the best population of freshwater shrimp, in the state. Source:

<http://www.marinwater.org/controller?action=menuclick&id=442>. Accessed April 30, 2009.

RARE: Species include California Freshwater Shrimp. Source: USFWS, 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, US Fish and Wildlife Service, Region 1, Portland, Oregon. 1998.

Haggerty Gulch Creek

County: Marin

Water body type: Perennial Stream, tributary to Lagunitas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to freshwater reservoirs
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003. California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH & RARE: Lagunitas Creek ... and its tributaries feed into MMWD's reservoirs. Downstream of the reservoirs, the creek is a spawning and rearing ground for coho salmon and steelhead trout. The creek is also habitat for endangered California freshwater shrimp. Lagunitas Creek supports one of the best populations of coho salmon, and probably the best population of freshwater shrimp, in the state. Source: <http://www.marinwater.org/controller?action=menuclick&id=442>. Accessed April 30, 2009.

RARE: Species include steelhead trout. Sources:

- Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf.

Bear Valley Creek

County: Marin

Water body type: Perennial Stream, tributary to Lagunitas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to freshwater reservoirs
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003. California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsomarin.pdf
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH & RARE: Lagunitas Creek ... and its tributaries feed into MMWD's reservoirs. Downstream of the reservoirs, the creek is a spawning and rearing ground for coho salmon and steelhead trout. The creek is also habitat for endangered California freshwater shrimp. Lagunitas Creek supports one of the best populations of Coho salmon, and probably the best population of freshwater shrimp, in the state. Source: <http://www.marinwater.org/controller?action=menuclick&id=442>. Accessed April 30, 2009.

RARE: Species include steelhead trout. Sources:

- Memorandum from Mary Coopriker, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsomarin.pdf.

Olema Creek

County: Marin

Water body type: Perennial Stream, tributary to Lagunitas Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to freshwater reservoirs
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Park Service written communication, April 18, 2003. California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf US Fish & Wildlife Service, CA Freshwater Shrimp
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

FRSH, RARE & SPWN: Lagunitas Creek ... and its tributaries feed into MMWD's reservoirs. Downstream of the reservoirs, the creek is a spawning and rearing ground for coho salmon and steelhead trout. The creek is also habitat for endangered California freshwater shrimp. Lagunitas Creek supports one of the best populations of Coho salmon, and probably the best population of freshwater shrimp, in the state. Source: <http://www.marinwater.org/controller?action=menuclick&id=442>. Accessed April 30, 2009.

RARE: Species include coho salmon, steelhead trout, and California freshwater shrimp. Sources:

- Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf.
- CA Freshwater Shrimp, USFWS, 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, US Fish and Wildlife Service, Region 1, Portland, Oregon. 1998.

Nicasio Creek

County: Marin

Water body type: Perennial Stream, flows through Nicasio Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE		
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

FRSH: Nicasio Creek flows to Nicasio Reservoir. Source: Marin Municipal Water District <http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

Nicasio Reservoir

County: Marin

Water body type: Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	P	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Nicasio Reservoir is a Marin Municipal Water District reservoir. Source: <http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: Trout fishing in Marin County is available primarily in reservoirs stocked by the Department with catchable trout, including **Nicasio Lake**: 825 acres. Nicasio Lake is located about eleven miles west of Petaluma on the Petaluma-Pt. Reyes Road. There is easy access for shore anglers off both Petaluma-Pt. Reyes Road and Nicasio Road. The lake provides good fishing for crappie and some largemouth bass. No boats are permitted. <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. April 20, 2009.

REC-1: Public access is limited by the Marin Municipal Water District.

Halleck Creek

County: Marin

Water body type: Perennial Stream, flows to Nicasio Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to freshwater reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Devils Gulch Creek

County: Marin

Water body type: Perennial Stream, tributary to Lagunitas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsoufmarin.pdf
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include Coho salmon and steelhead trout. Source: Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streamsoufmarin.pdf.

San Geronimo Creek

County: Marin

Water body type: Perennial Stream, tributary to Lagunitas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls California Department of Fish & Game www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include coho salmon and steelhead trout. Source: Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf.

Woodacre Creek

County: Marin

Water body type: Perennial Stream, tributary to San Geronimo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Salmon Protection and Watershed Network (SPAWN)
EST		
MAR		
MIGR	E	Salmon Protection and Watershed Network (SPAWN)
RARE	E	Salmon Protection and Watershed Network (SPAWN)
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Species may include coho salmon and steelhead trout. Source: Email from Chris Pincetich, Ph.D., Watershed Biologist, Salmon Protection and Watershed Network (SPAWN), to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board, RE: Additions to Table 2-1. June 1, 2009.

Kent Lake

County: Marin

Water body type: Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Kent Lake is a Marin Municipal Water District reservoir. Source: <http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: Trout fishing in Marin County is available primarily in reservoirs stocked by the Department with catchable trout, including **Kent Lake**: 460 acres. Kent Lake is located about two miles west of the town of Lagunitas along Sir Francis Drake highway. It is stocked with fingerling trout and provides fair-to-good fly fishing. No boats are permitted. Source: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

REC-1: Public access is limited by the Marin Municipal Water District.

Big Carson Creek

County: Marin

Water body type: Perennial Stream, flows to Kent Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows into freshwater lake
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM		Cold water habitat only, likely no warm water assemblages, based on relationship to other water bodies in the watershed
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Alpine Lake

County: Marin

Water body type: Reservoir on Lagunitas Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Alpine Lake is a Marin Municipal Water District reservoir. Source: <http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: Trout fishing in Marin County is available primarily in reservoirs/waterbodies stocked by the Department of Fish & Game with catchable trout, including **Alpine Lake**: 224 acres. This lake is located about five miles west of Fairfax off Bolinas Road. It is stocked with fingerling trout and provides fair-to-good fly fishing. No boats are permitted. <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

REC-1: Public access is limited by the Marin Municipal Water District.

Cataract Creek

County: Marin

Water body type: Perennial Stream, flows to Alpine Lake and Lagunitas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to a freshwater lake
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM		Cold water habitat only, likely no warm water assemblages, based on relationship to other water bodies in the watershed
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Bon Tempe Lake

County: Marin

Water body type: Reservoir on Lagunitas Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Bon Tempe Lake is a Marin Municipal Water District reservoir. Source: <http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: Trout fishing in Marin County is available primarily in reservoirs/waterbodies stocked by the Department of Fish & Game with catchable trout. **Bon Tempe Lake**: 140 acres. This lake is located about three miles west of Fairfax off Bolinas Road. It is stocked with catchable trout during the winter and spring. No boats are permitted. Source: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

REC-1: Public access is limited by the Marin Municipal Water District.

Lake Lagunitas

County: Marin

Water body type: Reservoir on Lagunitas Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Lake Lagunitas is a Marin Municipal Water District reservoir. Source: <http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: Trout fishing in Marin County is available primarily in reservoirs/waterbodies stocked by the Department of Fish & Game with catchable trout, including **Lagunitas Lake**: 22 acres. Located about 1/3 mile upstream from Bon Tempe Lake. The lake is stocked with catchable trout in fall, winter, and spring. It is managed as quality trout fishery with special regulations on bag and size limits. No boats are permitted. Source: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

REC-1: Public access is limited by the Marin Municipal Water District.

SAN MATEO COASTAL BASIN

Pacific Ocean

County: San Mateo and San Francisco

Water body type: Ocean

Correcting beneficial use(s) of a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND	E	Previously assigned
PROC		
COMM	E	Previously assigned
SHELL	E	Previously assigned
COLD		
EST		
MAR	E	Previously assigned
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM		
WILD	E	Previously assigned
REC-1	E	Previously assigned. REC-1 applies to Pacific Ocean waters up to 30 feet deep and within 1000 feet of shore.
REC-2	E	Previously assigned
NAV	E	Previously assigned

Lake Merced

County: San Francisco

Water body type: Lake

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	P	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

Milagra Creek

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean at Milagra Valley, north of Pacifica

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MIGR and RARE: Memorandum from Mary Coopridier, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Calera Creek (San Mateo County)

County: San Mateo

Water body type: Intermittent Stream, discharges to Pacific Ocean in Pacifica

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Water Board staff knowledge
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Water Board staff has knowledge of the presence of red-legged frog along upper reaches of Calera Creek.

Receives an NPDES-permitted discharge: NPDES Permit No. CA0038776– Pacifica Water Recycling Plant, discharges to Calera Creek approximately 0.5 miles upstream from its confluence with the Pacific Ocean, and through a restored wetland. At its lower reaches, Calera Creek is tidal influenced, and does not have the MUN beneficial use.

San Pedro Creek

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean at Pacifica State Beach

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Public access documented, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1: *Unified Stream Assessment in Six Watersheds in San Mateo County*, Prepared for the San Mateo Countywide Water Pollution Prevention Program by EOA, Inc., August 2007, pages 45-46.

General information: See Basin Plan Table 2-4 for information on wetland areas in/along lower San Pedro Creek.

San Vicente Creek (previously spelled incorrectly, as Vincente)

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean north of Half Moon Bay
Airport

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

Arroyo de en Medio

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean at Half Moon Bay State Beach

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Pilarcitos Creek

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean at Half Moon Bay State Beach

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use for inland surface water body. Also, public access exists in Half Moon Bay and Francis Beach.
REC-2	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use for inland surface water body. Also, public access exists in Half Moon Bay and Francis Beach
NAV		

RARE: Species include steelhead and California red-legged frog. Pilarcitos Creek is within the Critical Habit Unit SNM-1A (Cahill Ridge) for California red-legged frog. Sources:

- Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA, pg. 16. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.
- Federal Register, Vol. 71, No. 71, April 23, 2006. Page 19268.

General information: Pilarcitos Creek consists of about 13 stream miles and drains a watershed of about 30 square miles. Stone Dam, constructed in the 1880s, is located at about stream mile 8.5, while the dam forming Pilarcitos Reservoir, constructed in 1861, is located approximately 11 miles from the creek mouth.

Arroyo Leon Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pilarcitos Creek on the eastern side of the city of Half Moon Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold water habitat, based on information contained in Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 17
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Burleigh State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Burleigh State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Mills Creek (San Mateo County)

County: San Mateo

Water body type: Perennial Stream, tributary to Arroyo Leon in Higgins Canyon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold water habitat, based on information contained in Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 18
EST		
MAR		
MIGR		
RARE	E	Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 18
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Burleigh State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Burleigh State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Apanolio Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pilarcitos Creek near the entrance to Diggs Canyon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold water habitat, based on information contained in Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 18
EST		
MAR		
MIGR		
RARE	E	Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 18
SPWN	E	Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 18
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Corinda Los Trancos Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pilarcitos Creek at about stream mile 3

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold water habitat, based on information contained in Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 19.
EST		
MAR		
MIGR		
RARE	E	Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 19.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Burleigh State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Burleigh State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Receives an NPDES-permitted discharge: NPDES No. CA0029947.

Tunitas Creek

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean at Tunitas Beach

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Tunitas Beach.
REC-2	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Tunitas Beach.
NAV		

RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA, pg. 16. Available at:

http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Clear Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to San Gregorio Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 24
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD but not RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

El Corte de Madera Creek

County: San Mateo

Water body type: Perennial Stream, tributary to San Gregorio Creek about 1.5 miles upstream from the Clear Creek confluence

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	P	Previously assigned
RARE	E	Previously assigned
SPWN	P	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Skeggs Point Wildland Preserve.
REC-2	E	Previously assigned
NAV		

RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA, pg. 24. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Bogess Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to San Gregorio Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 25
EST		
MAR		
MIGR	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 25
RARE	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 25
SPWN	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 25
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Russian Ridge Open Space Preserve, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Russian Ridge Open Space Preserve, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Harrington Creek

County: San Mateo

Water body type: Perennial Stream, discharges to San Gregorio Creek west of the town of Redwood Terrace

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
EST		
MAR		
MIGR	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
RARE	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
SPWN	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

La Honda Creek

County: San Mateo

Water body type: Perennial Stream, tributary to San Gregorio Creek at the town of La Honda

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008. http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 26
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Woodruff Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to La Honda Creek about 0.6 miles north of the Langley Creek confluence

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 27.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD but not RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Woodhams Creek

County: San Mateo

Water body type: Perennial Stream, tributary to La Honda Creek north of the town of La Honda

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, pg. 27
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD but not RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Mindego Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Alpine, then San Gregorio Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 28
EST		
MAR		
MIGR		
RARE	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 28
SPWN	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 28
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE, and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Alpine Creek

County: San Mateo

Water body type: Perennial Stream, tributary to San Gregorio Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Pomponio Creek

County: San Mateo

Water body type: Perennial Stream, discharges to the Pacific Ocean at Pomponio State Beach

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

Pomponio Reservoir

County: San Mateo

Water body type: Reservoir on Pomponio Creek

BU	Exist?	Information Source
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHEL		
COLD	E	Cold freshwater habitat on Pomponio Creek
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
ASBS		
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Pomponio Reservoir is on private property, per San Mateo County personnel.
 Source: Email to Janet O'Hara, SFBRWQCB, from Jon Konnan, EOA, Inc. dated 12/14/09.

Honsinger Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to Pescadero Creek east of the town of Pescadero

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 32
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 32
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

McCormick Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to Pescadero Creek southeast of Mount Ellen

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 33
EST		
MAR		
MIGR	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 33
RARE	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 33
SPWN	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 33
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Hoffman Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to Pescadero Creek west of Oakland Camp

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 33
EST		
MAR		
MIGR		
RARE	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 33
SPWN		
WARM		Cold water habitat only. No warm water assemblages.
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Jones Gulch Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Tarwater Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek approximately two miles downstream from the park headquarters

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Pescadero Creek County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Peters Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek at Park headquarters

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34.
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34.
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Portola State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Portola State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE, and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Lambert Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Peters Creek approximately 1.7 miles upstream from the Bear Creek confluence

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
EST		
MAR		
MIGR		
RARE	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
SPWN	E	Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 34
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Skyline Ridge Open Space Preserve, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Skyline Ridge Open Space Preserve, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE, and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Fall Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to Pescadero Creek south of Park headquarters

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Pescadero County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Pescadero County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf. No documentation of rare species on or after November 28, 1975.

Slate Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Portola State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Portola State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Oil Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek approximately 1.1 miles upstream from the Slate Creek confluence

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 35
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, and SPWN: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Little Boulder Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, pg. 36
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Waterman Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Pescadero Creek approximately 0.7 miles upstream from the Little Boulder Creek confluence

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Butano Creek

County: San Mateo

Water body type: Perennial Stream, discharges to Pacific Ocean at Pescadero State Beach

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 30
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Becker, G.S. and I.J. Reining. 2008, http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf pg. 30
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. Available at:
http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

Little Butano Creek

County: San Mateo

Water body type: Perennial Stream, tributary to Butano Creek at about stream mile 5.3

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Butano State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Butano State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

General information: A 2004 Pescadero Creek watershed assessment found the creek to have “optimal” aquatic habitat and placed priority on conserving and improving habitat in this tributary. Source: Becker, G.S. and I.J. Reining. 2008. Steelhead/rainbow trout (*Oncorhynchus mykiss*) resources south of the Golden Gate, California. Cartography by D.A. Asbury. Center for Ecosystem Management and Restoration. Oakland, CA. pg. 31. Available at: http://www.cemar.org/SSRP/pdfs/SSRP_SanMateo.pdf.

CENTRAL BASIN

Golden Gate Channel

County: San Francisco

Water body type: Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and/or recreational fishing uses exist. See also National Park Service written communication, April 18, 2003.
SHELL		
COLD		
EST		
MAR	E	Marine ecosystem
MIGR	E	Migratory route for steelhead and coho. See also National Park Service written communication, April 18, 2003.
RARE	E	Species include, but are not limited to, steelhead and coho. See also National Park Service written communication, April 18, 2003.
SPWN	E	National Park Service written communication, April 18, 2003.
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

COMM, MIGR, RARE, and SPWN: Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

Crissy Field Lagoon

County: San Francisco

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Golden Gate Park Lakes

County: San Francisco

Water body type: Lakes

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1		
REC-2	E	Previously assigned
NAV		

General information: A series of lakes, including man-made lakes, in Golden Gate Park include North, Middle, South, Spreckles, Mallard, Lloyd, Elk Glen, and Stow Lakes. Source: http://www.parks.sfgov.org/wcm_recpark/GGP/GGPMMap.pdf. Accessed January 14, 2010.

REC-1 has not been a beneficial use since these lakes were listed in the Basin Plan in 1975, on the basis that the water quality did not support the use, and REC-1 was not physically occurring.

Lobos Creek

County: San Francisco

Water body type: Perennial Stream, discharges to Ocean

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	The Presidio Trust
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: Lobos Creek is the primary water supply for Presidio Park. Source: Presidio Water Recycling Project Environmental Assessment, Pg. 3.3-1 Available at http://library.presidio.gov/archive/documents/water_recycling/3-3_WaterRes.pdf.

Also, National Park Service, Presidio of San Francisco web site at <http://www.nps.gov/prsf/planyourvisit/lobos-creek-valley.htm>: “Containing the last free-flowing stream in San Francisco, Lobos Creek Valley provides important native plant and wildlife habitat in an otherwise urban area. The creek has long been a source of water for the Presidio, and a flume from the creek to San Francisco provided water to the town in its early days.”

SPWN: Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Mountain Lake

County: San Francisco

Water body type: Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information:

- The campsite of the Anza settlement party in 1776, Mountain Lake became a source of fresh water for San Francisco during the early years. Much of the lake's shoreline was buried in the 1930s to provide a freeway approach to the Golden Gate Bridge. Source: <http://www.nps.gov/prsf/planyourvisit/mountain-lake.htm>. Accessed December 7, 2009.
- Mountain Lake is 14.2 acres, of which 13.1 acres are within the Presidio National Park and administered by the Presidio Trust. Mountain Lake has become a living classroom for researchers at the California Academy of Sciences who are using it for students from middle school through college who serve as "science citizens." They are collecting data on habitat patterns among the birds, reptiles, amphibians and zoo-plankton that thrive in the lake. Source: <http://www.sfnpc.org/mountainlakeparkhistory>. Accessed December 7, 2009.

Central Basin

San Rafael Creek

County: Marin

Water body type: Perennial Stream, formed by the union of San Anselmo & Sleepy Hollow Creeks

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV	E	Previously assigned

General information: See Basin Plan Table 2-4 for information on wetland areas in/along lower San Rafael Creek.

Corte Madera Creek

County: Marin

Water body type: Perennial Stream, formed by the union of San Anselmo & Sleepy Hollow Creeks

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing confirmed by Friends of Corte Madera Creek
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Edited from Potential to Existing use because existence of spawning habitat is confirmed in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 165.
RARE	E	Previously assigned
SPWN	E	Edited from Potential to Existing use because existence of spawning habitat is confirmed by the National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV	E	NOAA navigation chart 18653, 10 th Edition, July 2005 http://www.charts.noaa.gov/OnLineViewer/18653.shtml

COMM: Recreational fishing for bass and other fish is common, particularly under Hwy 101. Confirmed by Friends of Corte Madera Creek. August 26, 2009 email and phone contacts with Water Board staff.

RARE and MIGR:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Rich, Alice D. Fishery Resources Conditions of the Corte Madera Creek Watershed. 2000. Prepared for: Friends of Corte Madera Creek Watershed, November 10, 2000.

Central Basin

RARE only:

- RMC, 2003. North Bay Watershed Stewardship Plan, October 2003, Appendix A.4. *Species in lower reaches include Salt marsh harvest mouse, California clapper rail, California black rail, Salt marsh yellowthroat, Western pond turtle, Chinook salmon, Steelhead, and Coho salmon.*
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf

General information:

- The channel is called Corte Madera Creek from the Ross Creek confluence to San Francisco Bay Estuary, and for a mile of its length it is encased by a concrete-lined channel. It drains into a tidal salt marsh at Kentfield, and then into San Francisco Bay near Corte Madera. Larkspur Creek and Tamalpais Creek are the only major tributaries to Corte Madera Creek that enter downstream from the concrete channel. Source: <http://www.friendsofcortemaderacreek.org/ws/watershed.html>. Accessed January 4, 2010.
- See Basin Plan Table 2-4 for information on wetland areas in/along lower Corte Madera Creek.

Richmond Inner Harbor

County: Contra Costa

Water body type: Embayment of San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing within San Francisco Estuary
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18653, 67 th Edition, Dec. 1, 2009

NAV: <http://www.charts.noaa.gov/OnLineViewer/18649.shtml>

Larkspur Creek

County: Marin

Water body type: Perennial Stream, tributary to Corte Madera Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 166.
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 166.
SPWN	E	Friends of Corte Madera Creek
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

SPWN: Native anadromous fish spawn in this creek. Source: Email and follow-up telephone call from Sandra Guldman, Friends of Corte Madera Creek, to Jan O'Hara, San Francisco Bay Regional Water Quality Control Board. August 26, 2009.

Tamalpais Creek

County: Marin

Water body type: Perennial Stream, tributary to Corte Madera Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 166
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Central Basin

Ross Creek (Marin County)

County: Marin

Water body type: Intermittent Stream, tributary to Corte Madera Creek, formed by confluence of Phoenix and Bill Williams Creeks

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 167
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. California Department of Fish & Game's krisweb
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf

Phoenix Lake

County: Marin

Water body type: Reservoir on Ross Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	Friends of Corte Madera Creek Report
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Phoenix Lake is a Marin Municipal Water District reservoir.
<http://www.marinwater.org/controller?action=menuclick&id=223>. Accessed April 30, 2009.

COMM: Trout fishing in Marin County is available primarily in reservoirs/waterbodies stocked by the Department of Fish & Game with catchable trout, including **Phoenix Lake**: 23 acres. Located in the town of Ross about one and one-half miles off Sir Francis Drake highway at the end of Lagunitas Drive. Phoenix Lake is stocked with catchable trout during the winter and spring. No boats are permitted.
<http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 30, 2009.

RARE: Northwestern pond turtles are found in Phoenix Lake. Source: Fish and Wildlife in the Corte Madera Creek Watershed, Prepared by Friends of Corte Madera Watershed, May 2004, pg. 4. Available at <http://www.friendsofcortemaderacreek.org/ws/FishWildlife.pdf>.

REC-1: Public access is limited by the Marin Municipal Water District.

Phoenix Creek

County: Marin

Water body type: Perennial Stream, tributary to Ross Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to freshwater reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Bill Williams Creek

County: Marin

Water body type: Perennial Stream, tributary to Ross Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to freshwater reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN	E	Friends of Corte Madera Creek observations
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

SPWN: Native anadromous fish spawn in this creek. Source: Email from Sandra Guldman, Friends of Corte Madera Creek, to Jan O'Hara, San Francisco Bay Regional Water Quality Control Board. August 26, 2009.

Sleepy Hollow Creek

County: Marin

Water body type: Perennial Stream, joins with San Anselmo Creek to form Corte Madera Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 167-8.
EST		
MAR		
MIGR	E	Friends of Corte Madera Creek observations
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 167-8. California Department of Fish & Game Krisweb
SPWN	E	Friends of Corte Madera Creek
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf

MIGR and SPWN: Native anadromous fish migrate through and spawn in this creek. Source: Email from Sandra Guldman, Friends of Corte Madera Creek, to Jan O'Hara, San Francisco Bay Regional Water Quality Control Board. August 26, 2009.

San Anselmo Creek

County: Marin

Water body type: Perennial Stream, joins Sleepy Hollow Creek to form Corte Madera Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 168.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 168.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 168.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 168.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Fairfax Creek

County: Marin

Water body type: Perennial Stream, tributary to San Anselmo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg 168.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Friends of Corte Madera Creek observations
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD reference: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

SPWN: Native anadromous fish spawn in this creek. Source: Email from Sandra Guldman, Friends of Corte Madera Creek, to Jan O'Hara, San Francisco Bay Regional Water Quality Control Board. August 26, 2009.

Cascade Creek

County: Marin

Water body type: Perennial Stream, uppermost headwater tributary to San Anselmo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg 163.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. California Department of Fish & Game Krisweb
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM		Cold water habitat only. No warm water assemblages.
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Cascade Canyon Open Space Preserve, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Cascade Canyon Open Space Preserve, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf

COLD water habitat only (no warm water habitat). Source: Email from Sandra Guldman, Friends of Corte Madera Creek, to Jan O'Hara, San Francisco Bay Regional Water Quality Control Board. August 26, 2009.

Arroyo Corte Madera del Presidio

County: Marin

Water body type: Perennial Stream, drains east side of Mount Tamalpais, flows to Richardson Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL	E	Previously assigned
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg 161.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 161. California Department of Fish & Game Krisweb
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

MIGR and RARE:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf
- Species include Chinook salmon, Steelhead, and Coho salmon. Source: RMC, 2003. North Bay Watershed Stewardship Plan, October 2003, Appendix A.4, pg. 1.

Central Basin

Warner Creek (Marin County, Mill Valley)

County: Marin

Water body type: Perennial Stream, tributary to Arroyo Corte Madera del Presidio

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg 162.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Old Mill Creek

County: Marin

Water body type: Perennial Stream, tributary to Arroyo Corte Madera del Presidio

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg 163.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. California Department of Fish & Game's krisweb
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

MIGR, RARE and SPWN:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Cox, B. Major Streams in Marin County, May 6, 2003. Available at www.krisweb.com/biblio/marinsonoma_cdfg_cox_2000_streams_of_marin.pdf

Central Basin

Willow Reed Creek (also called Widow Creek and Reed Creek)

County: Marin

Water body type: Perennial Stream, tributary to Arroyo Corte Madera del Presidio

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg 162.
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 162.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 162.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Central Basin

Coyote Creek (Marin County)

County: Marin

Water body type: Intermittent Stream, discharges to Richardson Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Public access in Mill Valley, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

Nyhan Creek

County: Marin

Water body type: Intermittent Stream, tributary to Coyote Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Lake Temescal

County: Alameda

Water body type: Reservoir on Temescal Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

General information: Lake Temescal was built as a water supply reservoir for Oakland in the 1860s, but was not used for long. It is now one of Oakland's favorite swimming areas. Source: Attributed to East Bay Municipal Utility District, found on <http://www.firehydrant.org/info/ebchina.html>. Accessed December 7, 2009.

Central Basin

Temescal Creek

County: Alameda

Water body type: Intermittent Stream, discharges to San Francisco Estuary at Emeryville

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg 46.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Lake Temescal Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Lake Temescal Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Central Basin

Claremont Creek

County: Alameda

Water body type: Intermittent Stream

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Claremont Canyon Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Claremont Canyon Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Strawberry Creek

County: Alameda

Water body type: Intermittent Stream, discharges to the San Francisco Estuary near the Berkeley Marina

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at UC Campus and public parks, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at UC Campus and public parks, also Clean Water Act 101(a)(2) presumptive use
NAV		

For general information, see <http://strawberrycreek.berkeley.edu/naturalhistory/biology.html> and University of California, Berkeley, Strawberry Creek, Biological Resources, Flora & Fauna, Status Report. 2008. Available at <http://strawberrycreek.berkeley.edu/creekmgmt/documents/SCMP2008BiologicalResourcesStatus.pdf>

Codornices Creek

County: Alameda

Water body type: Intermittent Stream, discharges to the San Francisco Estuary at the border of Albany and Berkeley

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg 45
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA. “Although many [*Oncorhynchus mykiss*] are resident, anecdotal accounts suggest small numbers of anadromous spawners may sporadically enter the stream.” Pg. 45.

Further information on the restoration project on Codornices Creek or its watershed stewardship group, Friends of Five Creeks, see <http://www.fivecreeks.org/restoration.html> or http://www.urban creeks.org/Current_Projects.html#CCWRAP.

Central Basin

Village Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to Codornices Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Capistrano Creek

County: Contra Costa

Water body type: Intermittent Stream, likely flows to a culvert that has replaced historic Marin Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Central Basin

Cerrito Creek

County: On border of Alameda and Contra Costa Counties

Water body type: Intermittent Stream, discharges to the San Francisco Estuary at the north side of Albany Hill

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Further information on the restoration project on Cerrito Creek or its watershed stewardship group, Friends of Five Creeks, see <http://www.fivecreeks.org/restoration.html>.

Central Basin

Baxter Creek

County: Contra Costa

Water body type: Intermittent Stream, discharges to the San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

For information on Baxter Creek restoration projects and its watershed stewardship group, see <http://www.creativedifferences.com/baxtercreek/index.html>

SOUTH BAY BASIN

South Bay Basin

Mission Creek (San Francisco)

County: San Francisco

Water body type: Tidal Slough on San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and recreational fishing in San Francisco Estuary and connected sloughs and embayments
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

South Bay Basin

Central Basin (San Francisco County)

County: San Francisco

Water body type: Estuary on San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and recreational fishing in San Francisco Estuary and connected sloughs and embayments
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

Islais Creek, tidal

County: San Francisco

Water body type: Tidal Slough on San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and recreational fishing in San Francisco Estuary and connected sloughs and embayments
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

India Basin

County: San Francisco

Water body type: Tidal Slough, south of Islais Creek on San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and recreational fishing in San Francisco Estuary and connected sloughs and embayments
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

South Bay Basin

South Basin (San Francisco County)

County: San Francisco

Water body type: Estuary, south of India Basin on San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and recreational fishing in San Francisco Estuary and connected sloughs and embayments
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

Yosemite Creek

County: San Francisco

Water body type: Tidal Slough, discharges to South Basin on San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commercial and recreational fishing in San Francisco Estuary and connected sloughs and embayments
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Brisbane Lagoon

County: San Mateo

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Guadalupe Canyon Creek

County: San Mateo

Water body type: Intermittent Stream, drains San Bruno Mountains

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at San Bruno Mountain State & County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at San Bruno Mountain State & County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Colma Creek

County: San Mateo

Water body type: Perennial Stream, drains to San Francisco Estuary at San Bruno Canal in South San Francisco

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

San Bruno Creek

County: San Mateo

Water body type: Intermittent Stream, drains urban area north of San Andreas Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Mills Creek (San Mateo County)

County: San Mateo

Water body type: Intermittent Stream, drains to San Francisco Estuary at Burlingame Shorebird Sanctuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Easton Creek

County: San Mateo

Water body type: Intermittent Stream, drains developed areas north of Hillsborough and west of Burlingame, drains to San Francisco Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Enters a below-grade culvert in vicinity of El Camino Real.

Burlingame Lagoons

County: San Mateo

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Anza Lagoon

County: San Mateo

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Sanchez Creek

County: San Mateo

Water body type: Intermittent Stream, drains to San Francisco Estuary west of Coyote Point
County Park

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Cherry Canyon Creek

County: San Mateo

Water body type: Intermittent Stream in Hillsborough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

San Mateo Creek

County: San Mateo

Water body type: Perennial Stream, drains to San Francisco Estuary near Seal Point Shoreline Park

Adding beneficial uses to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Edited from Potential to Existing use because evidence of cold freshwater habitat is indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 148.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 148.
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Gateway Park & Arroyo Park.
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Gateway Park & Arroyo Park.
NAV		

FRSH: Upper and Lower Crystal Springs Reservoirs are located on San Mateo Creek.

COLD and MIGR: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Species include San Francisco garter snake, California red-legged frog, and western pond turtle in the upper reaches. Source: San Francisco Bay Regional Water Quality Control Board, 2002. Source: Surface Water Ambient Monitoring Program (SWAMP) Final Workplan 2002-2003, June 2002. Available at http://www.swrcb.ca.gov/rwqcb2/docs/swamp_wp_02-03.pdf.

Polhemus Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to San Mateo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 149.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Lower Crystal Springs Reservoir

County: San Mateo

Water body type: Reservoir on San Mateo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1: Public access to Lower Crystal Springs Reservoir is limited by the San Francisco Public Utilities Commission.

Upper Crystal Springs Reservoir

County: San Mateo

Water body type: Reservoir on San Mateo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1: Public access to Lower Crystal Springs Reservoir is limited by the San Francisco Public Utilities Commission.

San Andreas Creek

County: San Mateo

Water body type: Intermittent Stream, tributary to San Mateo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to San Andreas Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Marina Lagoon

County: San Mateo

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Seal Slough

County: San Mateo

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	T.E. Harvey, et al.
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California clapper rail. Source: T.E. Harvey, H.S. Shellhammer, C.M.Hogan, K.Wilson, G.W.Ball, V. Pfeifle et al., *Section 7 endangered species biological assessment for the proposed East Third Avenue widening project, city of San Mateo, San Mateo County*, prepared by Earth Metrics Inc. for [Caltrans](#) and the city of San Mateo, California (1980). See also, Wetland Tracker at <http://www.wetlandtracker.org/tracker/>.

General information: Seal Slough is a narrow winding tidal channel through a tidal marsh in San Mateo and Foster City. This slough has been the object of a wetland restoration project to enhance habitat value. Dredging has been carried out in Seal Slough since at least 1954. When the original wastewater treatment plant for the city of San Mateo was constructed in 1935, its discharge was directed to Seal Slough. The marshy area through which Seal Slough meanders is a productive brackish wetland whose dominant flora is cordgrass. There are a number of significant wildlife features associated with Seal Slough, including use by the endangered California Clapper Rail. A tide gate near the mouth of Seal Slough regulates tidal influx from San Francisco Bay to the Marina Lagoon. Source: http://en.wikipedia.org/wiki/Seal_Slough. Accessed April 20, 2009.

Leslie Creek

County: San Mateo

Water body type: Intermittent Stream, discharges to Seal Slough in Foster City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Borel Creek (also called the 19th Avenue Channel)

County: San Mateo

Water body type: Intermittent Stream, discharges to Seal Slough in Foster City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

O'Neill Slough

County: San Mateo

Water body type: Estuarine Lagoon in Foster City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Foster City Lagoon (also called Central Lake)

County: San Mateo

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Belmont Slough (also called Belmont Channel)

County: San Mateo

Water body type: Tidal Slough between Foster City and Redwood City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Previously assigned (Basin Plan Table 2-4)
MAR		
MIGR		
RARE	E	Previously assigned (Basin Plan Table 2-4)
SPWN	E	Previously assigned (Basin Plan Table 2-4)
WARM		
WILD	E	Previously assigned (Basin Plan Table 2-4)
REC-1	E	Previously assigned (Basin Plan Table 2-4)
REC-2	E	Previously assigned (Basin Plan Table 2-4)
NAV		

General information: To the southeast of Foster City is the mostly-natural Belmont Slough, which empties into the Bay. The Bay tides dramatically affect the level and appearance of the slough. ... The outer edges of the city along Belmont Slough and San Francisco Bay are protected undeveloped marshland with public access. This is where the Bay Trail runs. Source:

<http://baytrail.abag.ca.gov/vtour/map2/access/BTFoster/BTFoster.htm>. Accessed April 20, 2009.

Belmont Creek

County: San Mateo

Water body type: Perennial Stream, discharges to Belmont Slough near Foster City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Twin Pines Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Twin Pines Park , also Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Laurel Creek (San Mateo County)

County: San Mateo

Water body type: Intermittent Stream, discharges to Belmont Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Laurel Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Laurel Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Bay Slough (San Mateo County)

County: San Mateo

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Steinberger Slough

County: San Mateo

Water body type: Tidal Slough in Redwood City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Bair Island Wetlands

County: San Mateo

Water body type: Salt Marsh Wetlands

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Previously assigned (Basin Plan Table 2-4)
MAR		
MIGR		
RARE	E	Previously assigned (Basin Plan Table 2-4)
SPWN		
WARM		
WILD	E	Previously assigned (Basin Plan Table 2-4)
REC-1	E	Previously assigned (Basin Plan Table 2-4)
REC-2	E	Previously assigned (Basin Plan Table 2-4)
NAV		

RARE: Bair Island is located within the Don Edwards San Francisco Bay National Wildlife Refuge; species in this Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include:

<http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>,

<http://www.fws.gov/DESFBA/>. Accessed December 16, 2009.

General information:

- Bair Island actually consists of three islands (Inner, Middle, and Outer Bair) of unique wetland habitat that is home to many species of nesting birds, including American avocets and black-necked stilts, marine organisms like the native oyster, and marine mammals such as harbor seals. Source: <http://www.estuaries.org/?id=137>. Accessed September 17, 2009.
- The outer island is separated from the middle island by meandering Corkscrew Slough. Whereas dikes and siphons keep the two inner islands high and dry, parts of the outer island flood with the tides while others stay dry, providing varied habitats for harbor seals, herons, egrets, hawks and the bay's clapper rail. Source: <http://www.metroactive.com/papers/metro/10.17.96/cover/bair-island-9642.html>. Accessed September 17, 2009.

Corkscrew Slough

County: San Mateo

Water body type: Tidal Slough in Bair Island Wetlands

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

South Bay Basin

Smith Slough (San Mateo County)

County: San Mateo

Water body type: Tidal Slough in Bair Island Wetlands

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Pulgas Creek

County: San Mateo

Water body type: Intermittent Stream, drains into Smith Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Cordilleras Creek

County: San Mateo

Water body type: Intermittent Stream, drains to Smith Slough at San Carlos Airport

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Redwood Slough (San Mateo County)

County: San Mateo

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

South Bay Basin

Redwood Creek (San Mateo County)

County: San Mateo

Water body type: Perennial Stream, drains to Redwood Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Arroyo Ojo de Agua (also called Arroyo Ojo)

County: San Mateo

Water body type: Intermittent Stream, tributary of Redwood Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Stuhlsaft Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Stuhlsaft Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Westpoint Slough

County: San Mateo

Water body type: Tidal Slough in Redwood City

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Atherton Creek

County: San Mateo

Water body type: Intermittent Stream

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Ravenswood Slough

County: San Mateo

Water body type: Tidal Slough at foot of Dumbarton Bridge in Menlo Park

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Oakland Inner Harbor

County: Alameda

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18650, 55 th Edition, Dec. 2007

NAV: <http://www.charts.noaa.gov/OnLineViewer/18650.shtml>

South Bay Basin

Merritt Channel

County: Alameda

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Has supported recreational fishing on/after November 28, 1975
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Lake Merritt

County: Alameda

Water body type: Lake

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Has supported recreational fishing on/after November 28, 1975
SHELL	E	Previously assigned
COLD		
EST	E	Previously assigned
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Lake Merritt is a unique fresh and salt-water lake, the largest such lake in the U.S. located within an urban area. With a circumference of 3.4 miles and covering 155 acres of land, Lake Merritt is home to wildlife, formal gardens, and a children's amusement park, all of which draw scores of walkers, joggers, bikers, rowers, sailors, and windsurfers. An important habitat for migratory birds, Lake Merritt was declared a National Wildlife Refuge in 1869, making it the first such refuge in North America. Source: <http://www.discoveramerica.com/ca/california/lake-merritt-lakeside-park.html>. Accessed April 20, 2009.

Glen Echo Creek

County: Alameda

Water body type: Intermittent Stream, headwaters are upstream of Blair Park in Oakland hills, drains to Lake Merritt

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Oak Glen Park and Glen Echo Creek Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Oak Glen Park and Glen Echo Creek Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Sausal Creek (Alameda County)

County: Alameda

Water body type: Perennial Stream, drains to Oakland Inner Harbor near the Fruitvale Avenue Bridge

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 47. Friends of Sausal Creek
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 47.
SPWN	E	Friends of Sausal Creek
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Dimond Park & Joaquin Miller Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Dimond Park & Joaquin Miller Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

COLD and SPWN: Letter from Kimra D. McAfee, Executive Director, Friends of Sausal Creek, to Jan O'Hara, San Francisco Bay Regional Water Quality Control Board, Re: Addition of Unnamed Water Body and Beneficial Uses to Table 2-1. April 29, 2009. Email from Kimra McAfee to Janet O'Hara dated 4/20/09 confirmed that resident rainbow trout spawn in Sausal Creek.

South Bay Basin

Peralta Creek

County: Alameda

Water body type: Intermittent Stream, drains to Oakland Inner Harbor

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Courtland Creek Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Courtland Creek Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Lion Creek

County: Alameda

Water body type: Intermittent Stream, discharges to Oakland Inner Harbor

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 49.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Leona Heights Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Leona Heights Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Rifle Range Creek

County: Alameda

Water body type: Perennial Stream, tributary to Arroyo Viejo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Arroyo Viejo

County: Alameda

Water body type: Perennial Stream, drains to Oakland Inner Harbor near San Leandro Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 50.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Knowland Park & Leona Canyon Preserve, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Knowland Park & Leona Canyon Preserve, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

San Leandro Bay

County: Alameda

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Has supported recreational fishing on/after November 28, 1975
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Hydrologic connection to Estuary
RARE	E	Hydrologic connection to Estuary
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	Water Board staff knowledge

COMM: Recreational fishing occurs in San Leandro Bay at Martin Luther King Jr. Regional Shoreline Park and Garretson Point. Source: <http://www.ebparks.org/parks/mlk>. Accessed December 14, 2009.

MIGR and RARE: Species include least tern, clapper rail and salt marsh harvest mouse. Sources include http://museumca.org/global/education/explorations2003/arrowhead_marsh.html and http://www.portofoakland.com/communit/public_40.asp. Accessed December 14, 2009.

NAV: Commercial shipping uses exist in San Leandro Bay.

Lower San Leandro Creek

County: Alameda

Water body type: Perennial Stream, drains to southern end of Oakland Inner Harbor

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Previously assigned.
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Edited from Potential to Existing use based on evidence in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 50-53.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 50-53.
SPWN	E	Edited from Potential to Existing use based on evidence in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 50-53.
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Multiple public access points.
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use. Multiple public access points.
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Note: **Upper** San Leandro Creek flows into Lake Chabot.

Grass Valley Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Lake Chabot, then San Leandro Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Drains to Lake Chabot
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 53.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Chabot Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Chabot Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

South Bay Basin

Lake Chabot (Alameda County)

County: Alameda

Water body type: Reservoir on San Leandro Creek

Adding one beneficial use to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

REC-1: EBMUD restricts access to this water body.

Upper San Leandro Reservoir

County: Alameda

Water body type: Reservoir on Upper San Leandro Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	East Bay Municipal Utility District
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned as "L"
REC-2	P	Previously assigned.
NAV		

RARE: "EBMUD's Upper San Leandro Reservoir contains a unique population of rainbow steelhead trout, *Oncorhynchus mykiss irideus*. The original species description for rainbow trout was based on a specimen captured in Redwood Creek. The construction of Chabot Dam in 1875 and subsequent construction of Upper San Leandro (USL) Dam in 1926 effectively created a landlocked population of steelhead trout. As a result of the exclusion of any hatchery stocking programs, the USL steelhead trout population has maintained its genetic integrity and is genetically similar to the native coastal California steelhead. Strict watershed access requirements under EBMUD management have helped preserve the uniqueness of the trout population in the reservoir." Source:

http://www.ebmud.com/water & environment/environmental_protection/east_bay/fisheries/native_rainbow_trout/. Accessed July 29, 2009.

REC-1: EBMUD restricts access to this watershed.

Kaiser Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, tributary to Upper San Leandro Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Drains to Upper San Leandro Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 53-54.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 53-54.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Buckhorn Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, tributary to Upper San Leandro Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Drains to Upper San Leandro Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 54.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. pg. 54.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

South Bay Basin

Redwood Creek (Alameda County)

County: Alameda and Contra Costa Counties

Water body type: Perennial Stream, tributary to Upper San Leandro Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Drains to Upper San Leandro Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 55-58.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 55-58.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Redwood Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Redwood Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Moraga Creek

County: Contra Costa

Water body type: Perennial Stream, tributary to Upper San Leandro Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Drains to Upper San Leandro Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 58-59.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 58-59.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

South Bay Basin

Estudillo Canal (also called Zone 2 Line A)

County: Alameda

Water body type: Intermittent Stream, engineered Flood Control Channel along much of its length, discharges south of San Leandro Marina

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use; applicable to headwaters
REC-2	E	Clean Water Act 101(a)(2) presumptive use; applicable to headwaters
NAV		

General information: The headwaters, in the vicinity of Mt. Calvary Cemetery, is still a natural stream. In flood control channel reaches, recreational uses are limited. Source: Oakland Museum map for Hayward and San Leandro, available at <http://www.museumca.org/creeks/MapHay.html>.

South Bay Basin

Don Castro Reservoir (also called San Lorenzo Creek Reservoir)

County: Alameda

Water body type: Reservoir on San Lorenzo Creek, immediately downstream of the Palomares Creek confluence

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

General information: Don Castro Dam was built in the early 1960s. This reservoir is maintained by Alameda County Public Works for flood control and is closed to boating and swimming. Fishing is available year round and hikers along the shore will discover a surprising wilderness in miniature, where turtles and frogs splash in the water, ducks rest in the reeds and raccoons and deer come down to drink at sunset. The adjacent lagoon is supplied with water from EBMUD, and a large shallow area is roped off for children. Sources: http://www.ebparks.org/parks/don_castro and <http://www.acgov.org/pwa/ACFCD%20Website%20Upgrade%20Feb2008/acfcd/zone2.html>. Accessed September 8, 2009.

Castro Valley Creek

County: Alameda

Water body type: Intermittent Stream, tributary to San Lorenzo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 62, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	East Bay Regional Park District
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Castro Creek supports California red-legged frog populations in Sobrante Ridge Regional Preserve. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA. Available at http://www.ebparks.com/files/stew_Amphibian_Final_Report_2007.pdf.

Crow Creek

County: Alameda

Water body type: Perennial Stream, tributary to San Lorenzo Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 62-63. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Cull Creek

County: Alameda

Water body type: Perennial Stream, tributary to Crow Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 63. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Cull Canyon Reservoir

County: Alameda

Water body type: Reservoir on Cull Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	East Bay Regional Park District
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: The reservoir itself contains bass, catfish, and sunfish. The 360-acre park is a fine place to cool off on a hot summer day, fish, or just relax in the outdoors any time of year. Source: http://www.ebparks.org/parks/cull_canyon. Accessed December 14, 2009.

Bolinas Creek

County: Alameda

Water body type: Perennial Stream, tributary to Crow Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Norris Creek

County: Alameda

Water body type: Perennial Stream, tributary to Crow Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Eden Canyon Creek (also called Eden Creek)

County: Alameda

Water body type: Perennial Stream, tributary to San Lorenzo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 64.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

South Bay Basin

Hollis Creek

County: Alameda

Water body type: Intermittent Stream, tributary to San Lorenzo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	Friends of San Lorenzo Creek
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include red-legged frog and possibly Alameda whipsnake. Source http://friendsofsanlorenzocreek.org/slz_cks.htm. Accessed on July 29, 2009.

South Bay Basin

Sulphur Creek (west Alameda County)

County: Alameda

Water body type: Intermittent Stream, discharges to San Francisco Estuary in Hayward

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information:

- Sulphur Creek originates near Lone Tree Cemetery as natural stream, flows via pipe to San Lorenzo Creek, then at lower elevation Sulphur Creek flows in its own channel again before discharging to SF Estuary.
- A different Sulphur Creek, near Mt. Hamilton, is tributary to Smith Creek/Arroyo Hondo/Alameda Creek

Mount Eden Creek

County: Alameda

Water body type: Tidal Slough south of the San Mateo Bridge

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Old Alameda Creek

County: Alameda

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Ward Creek

County: Alameda

Water body type: Intermittent Stream, drains to Old Alameda Creek in Hayward

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Wally Wickander Trail, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Wally Wickander Trail, also Clean Water Act 101(a)(2) presumptive use
NAV		

Zeile Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Ward Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Garin Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Garin Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Coyote Hills Slough

County: Alameda

Water body type: Tidal Slough, receiving water for Alameda Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Previously assigned (Basin Plan Table 2-4)
MAR		
MIGR	E	Migration to/from San Francisco Estuary and Alameda Creek
RARE	E	Previously assigned (Basin Plan Table 2-4)
SPWN	E	Previously assigned (Basin Plan Table 2-4)
WARM		
WILD	E	Previously assigned (Basin Plan Table 2-4)
REC-1	E	Previously assigned (Basin Plan Table 2-4)
REC-2	E	Previously assigned (Basin Plan Table 2-4)
NAV		

Alameda Creek Quarry Ponds

County: Alameda

Water body type: Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	East Bay Regional Park District
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Previously assigned
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: Recreational fishing is aided by a barrier-free fishing pier constructed by East Bay Regional Park District at Quarry Lakes Regional Recreation Area. Source:

<http://www.ebparks.org/news/archive/2006QuarryLakes>. Accessed on July 29, 2009.

General information: The Alameda County Water District diverts water impounded behind three rubber dams in the Alameda Creek flood control channel to groundwater recharge ponds in the Quarry Lakes Regional Recreation Area in Fremont. This water percolates into aquifers and supplies up to 50% of the water used in Fremont, Newark, and Union City.

Alameda Creek

County: Alameda

Water body type: Perennial Stream

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 65-69. Federal Register, Vol. 70, No. 162. August 23, 2005. East Bay Regional Park District
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE:

- East Bay Regional Park District sampling found *O. mykiss* with steelhead characteristics in 1995. Adult steelhead have been reported in lower Alameda Creek since 1997. Steelhead are found in flood control channel section of Alameda Creek. Source: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Alameda Creek is within Critical Habitat Unit 3 (Alameda Creek Unit) for California tiger salamander. Unit 3 generally is located north of Calaveras Reservoir, east of Sugar Butte, west of Fremont, and south of Livermore. Source: Federal Register, Vol. 70, No. 162. August 23, 2005. Page 49,400.
- Alameda Creek supports breeding red-legged frog populations in the Sunol Regional Wilderness. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA.

Receives discharges from NPDES Permittees: Kobe Precision, Bottling Group, Morton Salt and NPDES General Permittees for Groundwater Dewatering Discharges: WDID #'s 2019157001, 2019157007, 2019157008.

South Bay Basin

Crandall Creek (also called Zone 5 Line K)

County: Alameda

Water body type: Intermittent Stream, tributary to Alameda Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Bay Basin

Dry Creek (Alameda County)

County: Alameda

Water body type: Intermittent Stream, tributary to Alameda Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	East Bay Regional Park District
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Garin Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Garin Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Dry Creek supports California red-legged frog populations in Dry Creek and Garin Regional Parks. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA. Available at http://www.ebparks.com/files/stew_Amphibian_Final_Report_2007.pdf.

South Bay Basin

Stonybrook Creek (also called Stonybrook Canyon Creek)

County: Alameda

Water body type: Intermittent Stream, tributary to Alameda Creek at Niles Canyon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 69.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Sinbad Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Alameda Creek in Sunol

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 70. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls East Bay Regional Park District
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive
REC-1	E	Public access at Pleasanton Ridge Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Pleasanton Ridge Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Species include steelhead and California red-legged frog. Sources:

- National Marine Fisheries Service steelhead distribution database
- Sinbad Creek supports California red-legged frog in Pleasanton Ridge Regional Park. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park

South Bay Basin

District, Oakland, CA. Available at
http://www.ebparks.com/files/stew_Amphibian_Final_Report_2007.pdf.

South Bay Basin

San Antonio Creek (Alameda County)

County: Alameda

Water body type: Intermittent Stream, tributary to Alameda Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to San Antonio Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 74, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	San Francisco Public Utilities Commission Federal Register, Vol. 71, No. 71, April 13, 2006.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls San Francisco Public Utilities Commission
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MIGR and SPWN: Migration is a beneficial use on the lower reaches of San Antonio Creek only. Spawn is an existing use. Source: Email from Carla Schultheis, Watershed and Environmental Improvement Program Coordinator, Natural Resources and Lands Management Division, Water Enterprise, San Francisco Public Utilities Commission (SFPUC) to Janet O'Hara, Water Resources Control Engineer, San Francisco Regional Water Quality Control Board. August 11, 2009.

RARE: Species include California red-legged frog. Sources:

- Email from Carla Schultheis, Watershed and Environmental Improvement Program Coordinator, Natural Resources and Lands Management Division, Water Enterprise, San Francisco Public Utilities Commission to Janet O'Hara, Water Resources Control Engineer, San Francisco Regional Water Quality Control Board. August 11, 2009.
- Federal Register, Vol. 71, No. 71, April 13, 2006.

Receives discharge from an NPDES Permittee: EBMUD Wet Weather Facility

South Bay Basin

REC-1: Public access to the entire San Antonio Creek watershed is limited by the San Francisco Public Utilities Commission.

San Antonio Reservoir

County: Alameda

Water body type: Reservoir on San Antonio Creek upstream of its confluence with Alameda Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned. Operated by San Francisco Public Utilities Commission
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	San Francisco Planning Department
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned as "L"
REC-2	E	Previously assigned
NAV		

RARE: Species include Alameda whipsnake, the California tiger salamander, and the California red-legged frog. Source: San Francisco Planning Department, Draft Environmental Impact Report, Sunol Valley Water Treatment Plant Expansion and Treated Water Reservoir. June 2009. Pages 1-12 through 1-15, 42.

REC-1: San Francisco Public Utilities Commission limits public access to this reservoir.

South Bay Basin

Indian Creek (Alameda County)

County: Alameda

Water body type: Intermittent Stream, flows to San Antonio Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to San Antonio Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 74, and San Francisco Public Utilities Commission
EST		
MAR		
MIGR		
RARE	E	San Francisco Public Utilities Commission East Bay Regional Park District
SPWN	E	San Francisco Public Utilities Commission
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

COLD and RARE and SPWN: Species include California red-legged frog. Sources:

- Email from Carla Schultheis, Watershed and Environmental Improvement Program Coordinator, Natural Resources and Lands Management Division, Water Enterprise, San Francisco Public Utilities Commission to Janet O’Hara, Water Resources Control Engineer, San Francisco Regional Water Quality Control Board. August 11, 2009. SFPUC comment letter to Janet O’Hara, RWQCB, April 12, 2010, Attachment 1.
- Indian Creek supports California red-legged frog in Ohlone Regional Wilderness. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA.

REC-1: San Francisco Public Utilities Commission limits public access to the entire Indian Creek watershed.

La Costa Creek

County: Alameda

Water body type: Perennial Stream, flows to San Antonio Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Drains to San Antonio Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 75, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	San Francisco Public Utilities Commission
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 75.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Ohlone Regional Wilderness, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Ohlone Regional Wilderness, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Species are apparently resident trout, because construction of San Antonio Reservoir in the mid-1960s isolated *O. mykiss* in this system from anadromous steelhead. Source: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: San Francisco Public Utilities Commission comment letter to Janet O'Hara, RWQCB, April 12, 2010, Attachment 1. California red-legged frogs have been observed here.

Arroyo de la Laguna

County: Alameda

Water body type: Perennial Stream, drains to Alameda Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Edited from Potential to Existing use based on evidence of cold freshwater habitat, as indicated in the National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Previously assigned
RARE		
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COLD may not be suitable for Arroyo de la Laguna in areas above Castlewood. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Vallecitos Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Arroyo de la Laguna

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Sycamore Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Arroyo de la Laguna

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Happy Valley Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Arroyo de la Laguna

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Arroyo del Valle (also called Arroyo Valle)

County: Alameda

Water body type: Perennial Stream, tributary to Arroyo de la Laguna

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	P	Previously assigned
RARE	E	City of Pleasanton Public Works Department Alameda County Flood Control & Water Conservation District, Zone 7 East Bay Regional Park District
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Del Valle Regional Park
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists at Del Valle Regional Park
NAV		

RARE: Species include California red-legged frog. Sources supporting assignment of RARE include:

- City of Pleasanton Public Works Department City Council Staff Report, May 18, 2004. Available at <http://www.ci.pleasanton.ca.us/pdf/sr04115.pdf>. Accessed September 8, 2009.
- Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.
- Arroyo del Valle supports breeding California red-legged frog populations in Del Valle Regional Park. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA. Exhibit B, pages 1-2.

South Bay Basin

General information:

- MUN applies above Del Valle dam.
- Below the dam Arroyo del Valle is used for groundwater recharge using in-stream flows and imported (via South Bay Aquaduct) water.
- The middle reach of Arroyo del Valle between Del Valle Dam and Arroyo de la Laguna is comprised of very large ponds left over from gravel mining.

Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Shadow Cliffs Reservoir

County: Alameda

Water body type: Reservoir near Arroyo del Valle, but off-line

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Alameda County Flood Control & Water Conservation District, Zone 7
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

GWR: Shadow Cliffs Reservoir provides storage of imported South Bay Aqueduct water and is used by Zone 7 for groundwater recharge. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

General information: Shadow Cliffs Reservoir is located within Shadow Cliffs Regional Recreation Area, which is managed by East Bay Regional Parks.

South Bay Basin

Del Valle Reservoir (also called Lake del Valle)

County: Alameda

Water body type: Reservoir on Arroyo del Valle

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

General information: The Del Valle Reservoir is owned and operated by the Department of Water Resources for water storage and flood protection. Approximately half of the water in the reservoir is imported from the South Bay Aqueduct. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Arroyo Mocho

County: Alameda

Water body type: Perennial Stream, tributary to Arroyo de la Laguna

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Edited from Potential to Existing use based on evidence of cold freshwater habitat in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 72.
EST		
MAR		
MIGR	E	Previously assigned
RARE		
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

General information: Arroyo Mocho receives South Bay Aqueduct water and is an important source of groundwater recharge, particularly between Robertson Park and the Chain of Lakes area. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, Re: *Basin Plan Triennial Review*, May 7, 2009.

Tassajara Creek

County: Alameda and Contra Costa Counties

Water body type: Perennial Stream, tributary to Arroyo Mocho

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	P	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Alameda County Flood Control & Water Conservation District, Zone 7 East Bay Regional Park District
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

GWR: North of I-580, Tassajara Creek is a losing stream and infiltrates the surrounding groundwater basin. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

RARE: Species include California red-legged frog. Sources:

- Assignment of RARE beneficial use supported by: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.
- Tassajara Creek supports California red-legged frog populations in Tassajara Creek Regional Park. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA.

Arroyo las Positas

County: Alameda

Water body type: Perennial Stream, tributary to Arroyo Mocho

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Edited from Potential to Existing use based on evidence of cold freshwater habitat in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 73.
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Alameda County Flood Control & Water Conservation District, Zone 7
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Assignment of RARE supported by Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Cottonwood Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, tributary to Arroyo de las Positas

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Alameda County Flood Control & Water Conservation District, Zone 7
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Assignment of RARE beneficial use supported by: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Collier Canyon Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, tributary to Arroyo de las Positas

BU	Design- ation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Alameda County Flood Control & Water Conservation District, Zone 7 Federal Register, Vol. 71, No. 71, April 13, 2006
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California red-legged frog. Sources:

- Assignment of RARE beneficial use supported by the letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.
- Collier Canyon Creek is within Critical Habit Unit ALA-1B (San Antonio Creek) for California red-legged frog. This Unit is located in north-central Alameda County, along Collier Canyon. Source: Federal Register, Vol. 71, No. 71, April 13, 2006. Page 19268.

Cayetano Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, tributary to Arroyo de las Positas

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Alameda County Flood Control & Water Conservation District, Zone 7
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Assignment of RARE beneficial use is supported by: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

South Bay Basin

Arroyo Seco (Alameda County)

County: Alameda

Water body type: Intermittent Stream, headwater tributary to Arroyo de las Positas

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Design- ation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Alameda County Flood Control & Water Conservation District, Zone 7
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Assignment of the RARE beneficial use is supported by: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Altamont Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Arroyo de las Positas

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Oakland Museum of California Alameda County Flood Control & Water Conservation District, Zone 7
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat; tributary to Arroyo de las Positas, which has cold freshwater habitat
EST		
MAR		
MIGR		
RARE	E	Friends of Springtown Preserve Alameda County Flood Control & Water Conservation District, Zone 7 East Bay Regional Park District
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

GWR:

- Upper reach of Altamont Creek drains into ground. Source: J. Sowers, C. Richard, *Creek & Watershed Map of the Pleasanton & Dublin Area*, Oakland Museum of California, 2003.
- Used by Zone 7 for groundwater recharge, or to improve quality of the water that is recharging along Arroyo Las Positas. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

RARE: Altamont Creek flows through the unique Springtown Alkali Sink Ecosystem, which contains California red-legged frog, California tiger salamander, burrowing owl, and Palmate bracted bird's-beak (*Cordylanthus palmatus*). Sources supporting assignment of RARE:

- *Springtown Alkali Sink Ecology, Botany, and Wildlife Notes*, Friends of Springtown Preserve, Livermore, CA. Undated. Available at http://www.springtownpreserve.org/Reference_Materials/FSP-Springtown_Ecology_primer.pdf. Accessed September 14, 2009.

South Bay Basin

- Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.
- Altamont Creek supports breeding California red-legged frog populations in the Brushy Peak Regional Preserve. Source: Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA.

General information: Used periodically by Zone 7 to convey water from South Bay Aqueduct for irrigation purposes (i.e., Springtown Golf Course); otherwise, Altamont Creek would be dry in most months. Source: Letter from G.F. Duerig, General Manager, Alameda County Flood Control & Water Conservation District, Zone 7, to N. Feger, Senior Environmental Scientist, San Francisco Bay Regional Water Quality Control Board, *Re: Basin Plan Triennial Review*, May 7, 2009.

Alamo Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, Alamo Creek becomes Alamo Canal in the vicinity of Dublin Boulevard

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	P	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Wildlife Heritage Foundation
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Species include California red-legged frog. Source: Wildlife Heritage Foundation, http://www.wildlifeheritage.org/open_space_land/contra_costa_county.jsp#ac. Accessed September 8, 2009.

South Bay Basin

Dublin Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Alamo Canal

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Martin Canyon Creek

County: Alameda

Water body type: Intermittent Stream, tributary to Alamo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Note: Martin Canyon Creek flows to Line J1 (maintained by Zone 7 of the Alameda County Flood Control and Water Conservation District) before discharging to Alamo Creek.

Alamo Canal

County: Alameda

Water body type: Intermittent Stream and flood control channel, tributary to Arroyo de la Laguna

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	P	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE		
SPWN	E	Previously assigned
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

General information: Alamo Canal is a flood control channel which originates north of I-580 as Alamo Creek, which drains Dougherty Valley. Water drains to the canal from creeks to the west, including Dublin Creek, and from South San Ramon Creek to the north. Arroyo del Valle and Arroyo Mocho converge on the floor of the Livermore-Amador Valley and drain into Arroyo de la Laguna at its confluence with Alamo Canal. Source: Zone 7 Water District.

South San Ramon Creek

County: Alameda and Contra Costa Counties

Water body type: Intermittent Stream, tributary to Alamo Canal

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Calaveras Creek

County: Alameda and Santa Clara

Water body type: Intermittent Stream, tributary to Alameda Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Calaveras Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 75-76.
EST		
MAR		
MIGR		
RARE	E	San Francisco Public Utilities Commission
SPWN	E	San Francisco Public Utilities Commission
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Red-legged frog have been observed downstream of Calaveras Dam. Source: Email from Carla Schultheis, Watershed and Environmental Improvement Program Coordinator, Natural Resources and Lands Management Division, Water Enterprise, San Francisco Public Utilities Commission to Janet O'Hara, Water Resources Control Engineer, San Francisco Regional Water Quality Control Board. August 11, 2009.

SPWN: San Francisco Public Utilities Commission comment letter to Janet O'Hara, RWQCB, April 12, 2010, Attachment 1. Warm water fishes spawn here

Calaveras Reservoir

County: Santa Clara and Alameda

Water body type: Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned. Operated by the San Francisco Public Utilities Commission
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	San Jose's Riparian Corridor Policy San Francisco Public Utilities Commission
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Calaveras Reservoir is part of the San Francisco Public Utility District (SFPUC) drinking water system.

RARE: Species include California red-legged frog, California tiger salamander, and the Alameda whipsnake. Sources:

- San Jose's Riparian Corridor Policy. 1999. Appendix A. Available at <http://www.calsj.org/>. Accessed September 1, 2009.
- San Francisco Public Utilities Commission, Notice of Preparation of Environmental Impact Report, SFPUC Calaveras Dam Replacement Project, Case No. 2005.0161E. October 24, 2005. Available at http://www.sfgov.org/site/uploadedfiles/planning/projects_reports/Notice%20of%20Preparation%20FINAL%2010-24-05.pdf. Accessed September 16, 2009.

REC-1: San Francisco Public Utilities Commission limits public access to this reservoir.

Arroyo Hondo

County: Santa Clara

Water body type: Intermittent Stream, flows to Calaveras Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	San Francisco Public Utilities Commission
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Email from Carla Schultheis, Watershed and Environmental Improvement Program Coordinator, Natural Resources and Lands Management Division, Water Enterprise, San Francisco Public Utilities Commission to Janet O'Hara, Water Resources Control Engineer, San Francisco Regional Water Quality Control Board. August 11, 2009. Species may include California red-legged frog.

Colorado Creek

County: Alameda

Water body type: Perennial Stream, headwater tributary to Arroyo del Valle

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Arroyo del Valle upstream of Lake del Valle
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 72.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

SANTA CLARA BASIN

Newark Slough

County: Alameda

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFBAY/>. Accessed December 16, 2009.

General information: Newark Slough is a wide tidal waterway that starts in San Francisco Bay south of the Dumbarton Bridge, runs through the Don Edwards San Francisco Bay National Wildlife Refuge around its salt ponds, and up to Thornton Avenue in Fremont.

Plummer Creek (also called Zone 5 Line F-1)

County: Alameda

Water body type: Tidal Slough, tidally influenced creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFBA/>. Accessed December 16, 2009.

Receives NPDES-permitted discharges: General Permit for Groundwater Dewatering Discharges, WDID #'s 2019157002, 2019157006, 2019157014.

Mowry Slough

County: Alameda

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Coyote Slough

County: Approximately on border of Alameda and Santa Clara Counties

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFEBAY/>. Accessed December 16, 2009.

Mud Slough

County: Alameda and Santa Clara

Water body type: Tidal Slough connected to Coyote Creek - tidal

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFBAY/>. Accessed December 16, 2009.

Receives an NPDES-permitted discharge: [San Jose/Santa Clara Water Pollution Control Plant](#).

Santa Clara Basin

Laguna Creek (also called Arroyo la Laguna & Zone 6 Line E)

County: Alameda

Water body type: Perennial Stream, discharges to Don Edwards National Wildlife Refuge

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Laguna Creek is presently maintained as flood control channels.

Santa Clara Basin

Mission Creek (also called Zone 6 Line L)

County: Alameda

Water body type: Perennial Stream, tributary to Laguna Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Lake Elizabeth

County: Alameda

Water body type: Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1 and General information: Lake Elizabeth, developed in the 1960s, is an 83-acre lake within Central Park in the Fremont. Small boats are allowed. Swimming and splashing are not prohibited by the City of Fremont. Source: <http://www.fremont.gov/index.aspx?NID=318>. Accessed January 14, 2010.

Santa Clara Basin

Sabrecat Creek (also called Zone 6 Line K)

County: Alameda

Water body type: Perennial Stream, tributary to (Arroyo la) Laguna Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access in Mission San Jose neighborhood, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access in Mission San Jose neighborhood, also Clean Water Act 101(a)(2) presumptive use
NAV		

Santa Clara Basin

Canada del Aliso (also called Zone 6 Line J)

County: Alameda

Water body type: Perennial Stream, tributary to Laguna Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Santa Clara Basin

Agua Caliente Creek (Alameda County, also called Zone 6 Line F)

County: Alameda

Water body type: Perennial Stream, tributary to Laguna Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Mission Peak Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Mission Peak Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Santa Clara Basin

Agua Fria Creek (also called Zone 6 Line D)

County: Alameda

Water body type: Perennial Stream, tributary to Laguna Creek in Fremont

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Mission Peak Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Mission Peak Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Receives NPDES-permitted discharges: General Permit for Groundwater Dewatering Discharges, WDID #'s 2019157004, 2019157013

Santa Clara Basin

Stivers Lagoon (also called Fremont Lagoon)

County: Alameda

Water body type: Fresh water marsh on Mission Creek (Line L)

BU	Designation	Information Source
AGR		
MUN		
FRSH	E	Fresh water marsh
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
REC-1	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
REC-2	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
NAV		

Mallard Slough, also called Artesian Slough

County: Santa Clara

Water body type: Tidal Slough, connected to Coyote Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFBA/>. Accessed December 16, 2009.

Receives an NPDES-permitted discharge: [San Jose/Santa Clara Water Pollution Control Plant](#).

Note: The channel into which the San Jose/Santa Clara Water Pollution Control Plant discharges has for many years been referred to as Artesian Slough. Some current maps refer to this slough as “Mallard Slough” and depict Artesian Slough as an historic slough occupying similar but not identical space in the marsh. Source: Comment letter from John Stufflebean, Director, Environmental Services, City of San José to Jan O’Hara, RWQCB, April 12, 2010.

Santa Clara Basin

Scott Creek (also called Zone 6 Line A)

County: Forms border between Alameda and Santa Clara Counties

Water body type: Perennial Stream, discharges to San Francisco Estuary in Fremont

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Toroges Creek (also called Zone 6 Line C)

County: Alameda

Water body type: Perennial Stream

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	East Bay Regional Park District
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Mission Peak Regional Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Mission Peak Regional Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California tiger salamander (*Ambystoma californiense*) and California red-legged frog (*Rana draytonii*). Source: Bobzien, S. and J.E. DiDonato. 2007. *The Status of the California Tiger Salamander (ambystoma californiense), California Red-legged Frog (rana draytonii), Foothill Yellow-legged Frog (rana boylei), and Other Aquatic Herpetofauna in the East Bay Regional Park District, California*. East Bay Regional Park District. Available at http://www.ebparks.com/files/stew_Amphibian_Final_Report_2007.pdf.

General information: Toroges Creek originates on the west slope of [Monument Peak](#) and flows westward, then flows underground in the storm sewers of the [Warm Springs](#) neighborhood of Fremont. Toroges Creek originally flowed into [Coyote Creek](#).

San Francisquito Creek

County: San Mateo & Santa Clara Counties

Water body type: Perennial Stream, begins at outlet of Searsville Dam, discharges to the San Francisco Estuary

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 141. WMI Watershed Characteristics Report, 2001, pg.7-100. Mountain View General Plan Update Draft Current Conditions Report
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include steelhead, California red-legged frog, western pond turtle, and western snowy plover. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA
- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.
- City of Mountain View General Plan Update Draft Current Conditions Report, April 2009. Chapter 12, pp. 344-346. Available at <http://www.mountainview2030.com/docs.php?ogid=1000000134>.

Lake Lagunita

County: Santa Clara County

Water body type: Reservoir along San Francisquito Creek, on the Stanford campus

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	California Dept. of Fish & Game Natural Diversity Database
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California tiger salamander. Sources:

- California Dept. of Fish & Game Natural Diversity Database (CNDDDB). Available at http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp. Accessed August 27, 2009.
- The lake dries up during the summer but in the winter is the breeding ground for a population of California tiger salamanders. Source: Wikipedia, with reference to S.J. Barry and H.B. Shaffer. "The Status of the California Tiger Salamander (*Ambystoma californiense*) at Lagunita: A 50-Year Update". *Journal of Herpetology* 28, No. 2 (June 1994), 159-164. http://en.wikipedia.org/wiki/Lake_Lagunita. Accessed August 27, 2009.

General information: Channel-fed Lake Lagunita is seasonal, drying up in summer when the inflow from San Francisquito Creek is blocked. It is the former irrigation reservoir of the original Stanford stock farm. Source: http://www.stanford.edu/group/stanfordbirds/pix/maps/map_Lake.html. Accessed August 31, 2009.

Los Trancos Creek

County: Santa Clara County

Water body type: Perennial Stream, tributary to San Francisquito Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 142, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 142. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 142. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Felt Lake

County: Santa Clara County

Water body type: Reservoir formed by a diversion from Los Trancos Creek, on Stanford campus

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

Bear Creek (San Mateo County)

County: San Mateo County

Water body type: Perennial Stream, formed by Bear Gulch Creek and West Union Creek, tributary to San Francisco Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Bear Gulch Creek (San Mateo County)

County: San Mateo County

Water body type: Perennial Stream, tributary to Bear Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Town of Woodside
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 143.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: “Water diverted from Bear Gulch is stored in a reservoir and provides as much as 50% of Woodside’s drinking water in the winter months.” Source: http://www.woodsidetown.org/PDF/Woodside_creeks_flyer.pdf. Accessed August 31, 2009.

COLD, MIGR, RARE, and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

West Union Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Bear Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 144, and National Park Service written communication, April 18, 2003, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Park Service written communication, April 18, 2003. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 144. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Park Service written communication, April 18, 2003. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 144. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, and SPWN: Rare species include steelhead trout. Sources:

- Memorandum from Mary Coopridger, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.
- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database

Corte Madera Creek (San Mateo County)

County: San Mateo County

Water body type: Perennial Stream, tributary to San Francisquito Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 145-146.
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 145-146.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 145-146.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE, and SPWN: “Corte Madera Creek below Searsville Dam currently supports an anadromous *O. mykiss* population, and observations of juvenile *O. mykiss* have been made as recently as September 2003.” Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Alambique Creek

County: San Mateo & Santa Clara Counties

Water body type: Intermittent Stream, tributary to Searsville Lake, located within Wunderlich Park

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 146.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA

Santa Clara Basin

Sausal Creek (San Mateo County)

County: San Mateo County

Water body type: Perennial Stream, tributary to Searsville Lake

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Palo Alto Harbor and Baylands

County: Santa Clara

Water body type: Tidal Marsh at mouth of San Francisquito Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from San Francisco Estuary & San Francisquito Creek
RARE	E	City of Palo Alto
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California clapper rail and steelhead. Source: City of Palo Alto’s “Nature Notes” information sheet on the Palo Alto Baylands. Available at <http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=6126>. Accessed December 16, 2009.

General information: Palo Alto Harbor, at the mouth of San Francisquito Creek, was dredged and opened in 1928. During the 1930s, more dredging to create a channel out to deep water resulted in over 100 acres of marsh being filled in. In 1957, San Francisquito Creek’s discharge channel and mouth were re-routed to the north of the harbor. Dredging and installing dikes continued into the 1960s. In 1978, Palo Alto City Council adopted the Baylands Master Plan to balance ecological preservation with continued commercial and recreational use of this area. The Master Plan included the provision to eventually remove the harbor and return the area to marsh. In 1986, Council closed the harbor and, in 1987, Council approved changes to the Master Plan that required the 11.2 acre harbor be returned to marsh. Subsequently, in 1992, the City began to restore the marsh. The marsh restoration was completed in 1997. At present, the Palo Alto Baylands complex consists of the former Yacht Harbor area, the Palo Alto Airport, the Municipal Golf Course, the Duck Pond and public picnic area, the Baylands Athletic Center, the Sailing Station, the Lucy Evans Baylands Nature Interpretive Center, the Harriet Mundy Marsh and tidal basin. Sources, all accessed December 16, 2009:

- “Excerpts from History of the Palo Alto Yacht Harbor.” Available at http://www.fohg.org/pdf/temp/History_of_PaloAltoYachtHarbor.pdf. Accessed December 16, 2009.
- Report from the Manager of the City of Palo Alto to the City Council, dated May 18, 2009. Available at <http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=15863>.
- <http://www.cityofpaloalto.org/depts/csd/news/details.asp?NewsID=466&TargetID=36>

Mayfield Slough

County: Santa Clara

Water body type: Tidal Slough at mouth of Matadero Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from San Francisco Estuary & Matadero Creek
RARE	E	Rare species include steelhead
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Matadero Creek

County: Santa Clara

Water body type: Perennial Stream, discharges to the Palo Alto Flood Basin

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 124. WMI Watershed Characteristics Report, 2001, pg. 7-102.
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Species include steelhead and California red-legged frog. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001. Red-legged frogs are present in the headwaters.

Santa Clara Basin

Deer Creek (Santa Clara County)

County: Santa Clara

Water body type: Perennial Stream, tributary to Matadero Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE	E	WMI Watershed Characteristics Report, 2001, pg. 7-102.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: California red-legged frogs are present in the headwaters of Matadero Creek. Source: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Arastradero Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Matadero Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE	E	WMI Watershed Characteristics Report, 2001, pg. 7-102.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Charleston Slough

County: Santa Clara

Water body type: Tidal Slough at mouth of Adobe and Barron Creeks

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Hydrologic connection to estuary
RARE	E	City of Mountain View
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California brown pelican, California black rail, California clapper rail, and California least tern. Source: City of Mountain View General Plan Update Draft Current Conditions Report, April 2009. Chapter 12, pp. 351-352. Available at <http://www.mountainview2030.com/docs.php?ogid=1000000134>.

Barron Creek

County: Santa Clara

Water body type: Intermittent Stream, discharges to the Palo Alto Flood Basin

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Santa Clara Basin

Adobe Creek (Santa Clara County)

County: Santa Clara

Water body type: Perennial Stream, especially in upper reaches, discharges to the Palo Alto Flood Basin

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Receives an NPDES-permitted discharge: General Permit for Groundwater Dewatering WDID # 2438647001

Mountain View Slough

County: Santa Clara

Water body type: Tidal Slough at mouth of Permanente Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	City of Mountain View General Plan
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California clapper rail. Source: City of Mountain View General Plan Update Draft Current Conditions Report, April 2009. Chapter 12, pg. 345. Available at <http://www.mountainview2030.com/docs.php?ogid=1000000134>.

Permanente Creek

County: Santa Clara

Water body type: Perennial Stream, especially in upper reaches, discharges to San Francisco Estuary via Mountain View Slough

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Santa Clara Valley Water District
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	Santa Clara Valley Water District Depart. of Fish & Game's California Natural Diversity Database City of Mountain View General Plan
SPWN	E	Previously designated
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

GWR: Santa Clara Valley Water District Board Agenda Memo, *Chief Executive Officer Interpretation of Board Ends Policy E-1 Regarding Visioning Statements From Stewardship Plan for Lower Peninsula Watershed Area*, November 14, 2006. Page 2 of Attachment 1. Available at http://www.scvwd.dst.ca.us/About_Us/Board_of_directors/Board_meetings/_2006_Published_Meetings/MG27125/AS27137/AI27174/DO27252/DO_27252.pdf. Accessed August 31, 2009.

RARE: Species include California red-legged frog in upper reaches. Sources:

- Santa Clara Valley Water District Board Agenda Memo, Chief Executive Officer Interpretation of Board Ends Policy E-1 Regarding Visioning Statements From Stewardship Plan for Lower Peninsula Watershed Area, November 14, 2006. Page 2 of Attachment 1. Available at http://www.scvwd.dst.ca.us/About_Us/Board_of_directors/Board_meetings/_2006_Published_Meetings/MG27125/AS27137/AI27174/DO27252/DO_27252.pdf. Accessed August 31, 2009.
- California Department of Fish and Game's California Natural Diversity Database. Available at http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp. Accessed August 31, 2009.
- City of Mountain View General Plan Update Draft Current Conditions Report, April 2009. Chapter 12. Available at <http://www.mountainview2030.com/docs.php?ogid=1000000134>.

Hale Creek

County: Santa Clara

Water body type: Perennial Stream with typically low summer flows, tributary to Permanente Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Stevens Creek

County: Santa Clara

Water body type: Perennial Stream, discharges to the San Francisco Estuary north of Moffett Field Naval Air Station

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Previously assigned
GWR	E	WMI Watershed Characteristics Report, 2001, pg. 7-110 and 8-6.
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	WMI Watershed Characteristics Report, 2001, pg. 7-110. Mountain View General Plan Update Draft Current Conditions Report
SPWN	E	Edited from Potential to Existing use based on information in WMI Watershed Characteristics Report, 2001, pg. 7-110.
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE and SPWN: Species include steelhead trout throughout; Salt marsh harvest mouse and California clapper rail in brackish reaches. Sources:

- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001. pg. 7-74 and 7-110.
- City of Mountain View General Plan Update Draft Current Conditions Report, April 2009. Chapter 12. Available at <http://www.mountainview2030.com/docs.php?ogid=1000000134>.

Stevens Creek Reservoir

County: Santa Clara

Water body type: Reservoir on Stevens Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1: Swimming in Stevens Creek Reservoir is not allowed daily, but is allowed on occasion, such as the Catfish Crawl Open Water Swim on Sunday, July 26, 2009. See: <http://www.active.com/swim-meet/cupertino-ca/catfish-crawl-open-water-swim-south-bay-2009>. Accessed December 17, 2009.

Swiss Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Stevens Creek via Stevens Creek Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Stevens Creek Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Guadalupe Slough

County: Santa Clara

Water body type: Tidal Slough at the mouths of Calabazas and San Tomas Aquino Creeks

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include Salt marsh harvest mouse, California black rail, California clapper rail, Western snowy plover. Source: California Department of Fish and Game's California Natural Diversity Database. Available at http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp. Accessed September 1, 2009.

Receives NPDES-permitted wastewater discharge: Sunnyvale Water Pollution Control Plant, NPDES Permit No. CA0037621

Santa Clara Basin

Moffett Channel

County: Santa Clara

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Receives NPDES-permitted wastewater discharge: Sunnyvale Water Pollution Control Plant, NPDES Permit No. CA0037621

San Tomas Aquino Creek

County: Santa Clara

Water body type: Perennial Stream, discharges to Guadalupe Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 117.
EST		
MAR		
MIGR		
RARE	E	San Jose's Riparian Corridor Policy
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Species include California red-legged frog. Source: San Jose's Riparian Corridor Policy. 1999. Appendix A, pg. 2. Available at <http://www.calsj.org/>. Accessed September 1, 2009.

Bonjetti Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Saratoga Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 118-119.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

McElroy Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Bonjetti Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 119.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Alviso Slough

County: Santa Clara

Water body type: Tidal Slough at mouth of Guadalupe River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from Guadalupe River
RARE	E	Located within Don Edwards San Francisco Bay National Wildlife Refuge
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Don Edwards San Francisco Bay National Wildlife Refuge include California brown pelican, California clapper rail, California least tern, peregrine falcon, and salt marsh harvest mouse. Sources include: <http://www.abag.org/bayarea/baytrail/vtour/map4/access/Sfbnwr/SFBNWR.htm>, <http://www.fws.gov/DESFAY/>. Accessed December 16, 2009.

Guadalupe River

County: Santa Clara

Water body type: Perennial Stream, formed by confluence of Alamitos Creek and Guadalupe Creek, discharges to the San Francisco Estuary north of Sunnyvale

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	WMI Watershed Characteristics Report, 2001, pg. 7-128 and 8-6.
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously designated as “potential.” WMI Watershed Characteristics Report, 2001, pg. 7-131. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 111. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	WMI Watershed Characteristics Report, 2001, pg. 7-131 & 7-74. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 111. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Mountain View General Plan Update Draft Current Conditions Report San Jose’s Riparian Corridor Policy
SPWN	E	Previously designated as “potential.” WMI Watershed Characteristics Report, 2001, pg. 7-131. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 111. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously designated as “potential.” WMI Watershed Characteristics Report, 2001, pg. 7-182. Also, Clean Water Act 101(a)(2) presumptive use for inland surface water body
REC-2	E	Previously assigned
NAV		

RARE: Species include steelhead, Western pond turtle, California clapper rail, burrowing owl (downstream of Blossom Hill Road), and salt marsh harvest mouse (at the mouth). Sources:

Santa Clara Basin

- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.
- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database
- City of Mountain View General Plan Update Draft Current Conditions Report, April 2009. Chapter 12, pg. 344. Available at <http://www.mountainview2030.com/docs.php?ogid=1000000134>.
- San Jose's Riparian Corridor Policy. 1999. Appendix A, pp. 2-5. Available at <http://www.calsj.org/>. Accessed September 1, 2009.

Receives an NPDES-permitted discharge: General Permit for Groundwater Dewatering Discharge, WDID # 2438558005.

Los Gatos Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Guadalupe River

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned (Vasona & Lexington Reservoirs are water supply reservoirs)
FRSH	E	Previously assigned
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	P	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 113. San Jose's Riparian Corridor Policy Santa Clara County Public Parks National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	P	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Public access at Los Gatos Creek County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously designated as "potential." Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include steelhead, Chinook salmon, California red-legged frog, and western pond turtle. Sources, accessed September 1, 2009:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- San Jose's Riparian Corridor Policy. 1999. Appendix A, pg. 2. Available at <http://www.calsj.org/>.
- Santa Clara County Public Parks website, Natural Diversity of Vasona and Los Gatos Creek page, <http://www.sccgov.org/portal/site/parks/parksarticle?path=%252Fv7%252FParks%2520and%2520Rec%2520Department%2520of%2520%2528DEP%2529&contentId=b3e18a77d9784010VgnVCMP230004adc4a92> .
- National Marine Fisheries Service steelhead distribution database

Receives an NPDES-permitted discharge: General Permit for Groundwater Dewatering Discharges, WDID # 2438558006.

Campbell Percolation Pond

County: Santa Clara

Water body type: Reservoir, on Los Gatos Creek, at Los Gatos Creek Park

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

Vasona Reservoir

County: Santa Clara

Water body type: Reservoir on Los Gatos Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Water supply reservoir
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

MUN: Vasona Reservoir is a water supply reservoir operated by the Santa Clara Valley Water District.
Source: <http://www.valleywater.org/services/reservoirs.aspx>. Accessed September 3, 2009.

COMM: Vasona Reservoir, located within Vasona County Park, is stocked for recreational fishing.
Source: <http://www.dfg.ca.gov/fishinginthecity/sb/stock.html>. Accessed September 3, 2009.

Lexington Reservoir

County: Santa Clara

Water body type: Reservoir on Los Gatos Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR	E	Santa Clara Valley Water District
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

GWR: Lexington Reservoir is the primary source of water for the recharge ponds along San Tomas Expressway, Budd Avenue, Highway 17 and McGlincey Lane. Source: Santa Clara Valley Water District's Lexington Reservoir and Lenihan Dam Fact Sheet. Available at http://www.santaclarada.org/portal/site/parks/parksarticle?path=%252Fv7%252FParks%2520and%2520Recreation%252C%2520Department%2520of%2520%2528DEP%2529&contentId=daf37d256b784010VgnVCM2200049dc4a92____&cpsectcurrchannel=1. Accessed September 1, 2009.

Soda Springs Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Lexington Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lexington Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Note that similarly named Soda Springs Canyon Creek is a tributary to Coyote Reservoir, in the Coyote Creek watershed.

Lake Elsman

County: Santa Clara

Water body type: Reservoir on Los Gatos Creek, upstream of Lexington Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: Operated by San Jose Water Company

REC-1: San Jose Water Company restricts public access to this reservoir and the surrounding property.

“Basically we learned this - you can’t get to Lake Elsman. The whole thing is on San Jose Water Company land and the only entrance is gated.” Sources include:

<http://lostpoodlesanjose.blogspot.com/2009/11/lake-elsman.html>. Accessed January 14, 2010.

Austrian Gulch Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Los Gatos Creek via Lake Elsman

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Elsman
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 113.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 113.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

SPWN: Reproduction of *O. mykiss* in Austrian Gulch Creek is confirmed.

Ross Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Guadalupe River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Ross Creek Neighbors
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Ross Creek Neighbors. Also, Clean Water Act 101(a)(2) presumptive use
REC-2	E	Ross Creek Neighbors. Also, Clean Water Act 101(a)(2) presumptive use
NAV		

GWR, REC-1, and REC-2: D. Crites, Ross Creek Neighbors, letter to N. Feger, California Regional Water Quality Control Board-San Francisco Region. January 22, 2008.

Canoas Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Guadalupe River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Guadalupe Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Alamos Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Guadalupe Reservoir and Lake Almaden, WMI Watershed Characteristics Report, 2001, pg. 8-6.
GWR	E	WMI Watershed Characteristics Report, 2001, pg. 8-9.
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 114-115, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 114-115. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 114-115. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls WMI Watershed Characteristics Report, 2001, pg. 7-182. San Jose's Riparian Corridor Policy
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 114. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH & GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

RARE: Species include steelhead, southwestern pond turtle, California tiger salamander and California red-legged frog. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

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- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.
- San Jose's Riparian Corridor Policy. 1999. Appendix A. Available at <http://www.calsj.org/>. Accessed September 1, 2009.

Los Capitancillos Percolation Ponds

County: Santa Clara

Water body type: Reservoir on Guadalupe Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	WMI Watershed Characteristics Report, 2001, pg. 8-9.
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Guadalupe Percolation Ponds

County: Santa Clara

Water body type: Reservoir on Guadalupe Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	WMI Watershed Characteristics Report, 2001, pg. 8-9.
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Pheasant Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Guadalupe Creek downstream from the Guadalupe Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Almaden, WMI Watershed Characteristics Report, 2001, pg. 8-6.
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 114-115.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 114-115.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

SPWN: Pheasant Creek supports a reproducing resident *O. mykiss* population.

Los Capitancillos Creek

County: Santa Clara

Water body type: Intermittent Stream, headwater tributary to Guadalupe Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Guadalupe Reservoir, WMI Watershed Characteristics Report, 2001, pg. 8-6.
GWR	E	Flows to Los Capitancillos, a groundwater recharge facility, WMI Watershed Characteristics Report, 2001, pg. 8-9.
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH & GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Rincon Creek

County: Santa Clara

Water body type: Perennial Stream, headwater tributary to Guadalupe Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Guadalupe Reservoir, WMI Watershed Characteristics Report, 2001, pg. 8-6.
GWR	E	Flows to Los Capitancillos, a groundwater recharge facility, WMI Watershed Characteristics Report, 2001, pg. 8-9.
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 115, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 115. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 115. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH & GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

COLD, MIGR, RARE, and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Alamitos Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Guadalupe River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Almaden Reservoir, WMI Watershed Characteristics Report, 2001, pg. 8-6.
GWR	E	Flows to Alamitos Percolation Pond, WMI Watershed Characteristics Report, 2001, pg. 8-9.
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 117, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 117. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls WMI Watershed Characteristics Report, 2001, pg. 7-182.
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH & GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

RARE: Species include steelhead, California red-legged frog, and Western pond turtle. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database
- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Arroyo Calero (also called Calero Creek)

County: Santa Clara

Water body type: Perennial Stream, tributary to Alamitos Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Calero reservoir, water supply reservoir, WMI Watershed Characteristics Report, 2001, pg. 8-6.
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 116, and Guadalupe-Coyote Resource Conservation District, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Guadalupe-Coyote Resource Conservation District Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 116. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls WMI Watershed Characteristics Report, 2001, pg. 7-182.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 116. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

RARE: Species include steelhead, California red-legged frog, and southwestern pond turtle. Sources:

- Guadalupe-Coyote Resource Conservation District letter to Ms. Shin-Roei Lee, San Francisco Bay Regional Water Quality Control Board. Subject: RWQCB San Francisco Bay Region Basin Plan. May 7, 2007.

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- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database
- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Almaden Reservoir (also called Lake Almaden)

County: Santa Clara

Water body type: Reservoir at mouth of Alamos Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	NOP Environmental Impact Report for the Almaden Dam Program
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned. Access limited by Santa Clara Valley Water District.
REC-2	E	Previously assigned
NAV		

RARE: Species include California red-legged frog and western pond turtle. Source: Notice of Preparation, Environmental Impact Report for the Almaden Dam Program, Santa Clara County, California, undated, pg. 5. Available at http://www.scvwd.org/media/pdf/Almaden_Dam_NOP.pdf. Accessed September 2, 2009.

General information: Formerly an in-stream quarry. Now operated by the Santa Clara Valley Water District.

Note: A separate Almaden Lake, within the City of San Jose's Almaden Lake Park, is located at Almaden Expressway & Coleman Avenue in south San Jose. See <http://www.sjpark.org/Parks/RegionalParks/alp/index.asp>.

Herbert Creek

County: Santa Clara

Water body type: Perennial Stream, headwater tributary to Alamos Creek, drains to Almaden Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Almaden Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

Barrett Canyon Creek (also called Barret Creek)

County: Santa Clara

Water body type: Perennial Stream, headwater tributary to Alamos Creek, drains to Almaden Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Almaden Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

Coyote Creek -

County: Santa Clara

Water body type: Perennial Stream, drains to the San Francisco Estuary

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use. Also, public access exists in City & County parks along the creek.
REC-2	E	Previously assigned
NAV		

RARE: Species include steelhead, California tiger salamander, southwestern pond turtle, California clapper rail and salt marsh harvest mouse (tidal reaches only). Sources:

- Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001. pg. 7-74.
- San Jose's Riparian Corridor Policy. 1999. Appendix A. Available at <http://www.calsj.org/>. Accessed September 1, 2009.

Upper Penitencia Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Coyote Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Upper Penitencia Creek flows to Cherry Flat Reservoir
GWR	E	WMI Watershed Characteristics Report, 2001, pg. 8-6.
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 102, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 102. US Department of Transportation National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls San Jose's Riparian Corridor Policy
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 102. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

GWR: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001.

RARE: Species include Steelhead, Chinook and California red-legged frog. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Goforth, K.M., US Environmental Protection Agency, letter to Eidlin, E., US Department of Transportation. Subject: Draft Environmental Impact Statement for the Silicon Valley Rapid Transit Corridor, Alameda and Santa Clara Counties, California (CEQ #20090064). April 27, 2009.
- San Jose's Riparian Corridor Policy. 1999. Appendix A. Available at <http://www.calsj.org/>. Accessed September 1, 2009.

Arroyo Aguague Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Upper Penitencia Creek, flows through Alum Rock Park

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 104, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 104. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 104. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Alum Rock Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Alum Rock Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Halls Valley Lake (also called Grant Lake)

County: Santa Clara

Water body type: Reservoir

Providing information about a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Santa Clara County Parks Department
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

General information for Halls Valley/Grant Lake:

- Santa Clara County Parks and Recreation Department personnel confirmed that Halls Valley and Grant Lakes are one and the same. Source: email from Ms. Julie Mark, Deputy Director of the Parks & Recreation Department, to Jan O’Hara, SFB Regional Water Quality Control Board, dated January 5, 2010.
- Halls Valley Lake is on Lick Observatory USGS quad topo map. Latitude: 37.34333, Longitude: -121.7167
- Halls Valley Lake is the result of Grant Company 2 Dam on the Arroyo Aguague River in Santa Clara County, California and is used for irrigation purposes. Construction was completed in 1927. It has a normal surface area of 38 acres. It is owned by County Of Santa Clara. Source: http://findlakes.com/central_california_lakes_n37w119.htm. Accessed December 21, 2009.
- Grant Lake is located within Joseph D. Grant County Park, located at 18405 Mt. Hamilton Rd., San Jose. The Halls Valley is a major feature of the Park. See the Park map at: http://www.sccgov.org/SCC/docs%2FParks%20and%20Recreation%2C%20Department%20of%20%28DEP%29%2Fattachments%2FGRANT_PARK_MAP.pdf. Accessed December 21, 2009.

Lower Silver Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Coyote Creek, near the Bayshore Freeway

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Receives an NPDES-permitted discharge: General Permit for Groundwater Dewatering Discharges, WDID # 2438558007

Babb Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Lower Silver Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

South Babb Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Lower Silver Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Flint Creek

County: Santa Clara

Water body type: Intermittent Stream, Thompson Creek watershed

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Thompson Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Lower Silver Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Quimby Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Thompson Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Yerba Buena Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Thompson Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Upper Silver Creek (formerly referred to in the Basin Plan as Silver Creek)

County: Santa Clara

Water body type: Perennial Stream, tributary to Coyote Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Stream Flow Augmentation Project, Upper Silver Creek and Coyote Creek
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California red-legged frog and western pond turtle. Source: Stream Flow Augmentation Project, Upper Silver Creek and Coyote Creek, Initial Study / Mitigated Negative Declaration. Prepared for Santa Clara Valley Water District. Prepared by Thomas Reid Associates. June 2006. Available at <http://www.scvwd.dst.ca.us/media/pdf/Streamflow%20AugmentationDraft%20IS%20MND.pdf>.

General Information: Historically, Upper Silver Creek drained to a large freshwater marsh in the Evergreen area of Santa Clara. It was connected to Coyote Creek in the 1970s.

Cottonwood Lake

County: Santa Clara

Water body type: Reservoir on Coyote Creek, in Hellyer County Park

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

General information: Cottonwood Lake is located in Hellyer County Park. Fishing is permitted year round at Cottonwood Lake and during fishing season in the Coyote Creek. Cottonwood Lake is stocked with Rainbow Trout from November through late April. Source:

http://firemarshal.sccgov.org/portal/site/parks?path=%2Fv7%2FSCC%20Public%20Portal&contentId=2f915e7505e21110VgnVCM10000048dc4a92_&cpsectcurrchannel=1. Accessed January 6, 2010.

Fisher Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Coyote Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Santa Clara Basin

Anderson Reservoir (also called Anderson Lake)

County: Santa Clara

Water body type: Reservoir on Spring Creek, Coyote Creek watershed

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR	E	Previously assigned
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp . Listed as Anderson Lake.
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned as “L.” Access limited by Santa Clara Valley Water District.
REC-2	E	Previously assigned
NAV		

General information: Anderson Reservoir is located within Anderson Lake County Park. The Reservoir is operated by the Santa Clara Valley Water District.

San Felipe Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Coyote Creek, via Anderson Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Anderson Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Edited from Potential to Existing use, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 107.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Edited from Potential to Existing use based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 107.
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Las Animas Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to San Felipe Creek, upstream of Anderson Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Anderson Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

Packwood Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Anderson Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Anderson Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 108.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 108.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Hoover Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Packwood Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Anderson Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 108.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 108.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Otis Canyon Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Coyote Creek upstream of Coyote Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Coyote Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

Santa Clara Basin

Coyote Reservoir (also called Coyote Lake)

County: Santa Clara

Water body type: Reservoir on upper Coyote Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp . Listed as Coyote Lake.
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned. Access limited by Santa Clara Valley Water District.
REC-2	E	Previously assigned
NAV		

Canada de Los Osos Creek

County: Santa Clara

Water body type: Perennial Stream, especially in upper reaches, headwater tributary of Coyote Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Coyote Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access in Henry Coe State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access in Henry Coe State Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

FRSH: Watershed Management Plan, Vol. 1, Watershed Characteristics Report. Prepared by the Santa Clara Basin Watershed Management Initiative, Feb. 2001, pg. 8-6.

Soda Springs Canyon Creek

County: Santa Clara

Water body type: Perennial Stream, headwater tributary of Coyote Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Lower Penitencia Creek

County: Santa Clara

Water body type: Perennial Stream, drains to Coyote Creek near the intersection of I-880 and Dixon Landing Road

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Berryessa Creek

County: Santa Clara

Water body type: Intermittent Stream, tributary to Lower Penitencia Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Santa Clara Basin

Calera Creek (Santa Clara County)

County: Santa Clara

Water body type: Perennial Stream, tributary to Berryessa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Tularcitos Creek

County: Santa Clara

Water body type: Perennial Stream, tributary to Berryessa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

Arroyo de los Coches

County: Santa Clara

Water body type: Perennial Stream, tributary to Berryessa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Water Board staff knowledge
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Ed Levin County Park, also Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Water Board staff has knowledge of red-legged frogs existing along Arroyo de los Coches.

Sandy Wool Lake

County: Santa Clara

Water body type: Reservoir in Ed Levin County Park

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1: The Santa Clara County Department of Parks and Recreation prohibits swimming in Sandy Wool Lake. Source:

[http://www.sccgov.org/SCC/docs%2FParks%20and%20Recreation,%20Department%20of%20\(DEP\)%20Attachments%2F644507Levin%20Brochure.pdf](http://www.sccgov.org/SCC/docs%2FParks%20and%20Recreation,%20Department%20of%20(DEP)%20Attachments%2F644507Levin%20Brochure.pdf). Accessed December 21, 2009.

General information: Sandy Wool Lake is located in Santa Clara County's Ed R. Levin Park.

SAN PABLO BASIN

Mare Island Strait

County: Solano

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use is well-established
SHELL		
COLD		
EST	E	Previously assigned (Basin Plan Table 2-4)
MAR		
MIGR	E	Steelhead migration to/from the Napa River
RARE	E	California Department of Fish & Game
SPWN		
WARM		
WILD	E	Previously assigned (Basin Plan Table 2-4)
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned (Basin Plan Table 2-4)
NAV	E	NOAA navigation chart 18655, 59 th Edition, Oct. 2006

COMM: A public fishing pier is located on the east side of the Strait, one mile north of Vallejo. Source: http://www.tyc.org/Cruise/chartlets/excerpt_coast_pilot_napa.dock. Accessed December 23, 2009.

RARE: Species include California red-legged frog, California black rail, California clapper rail, Delta smelt, salt-marsh harvest mouse. Source: California Dept. of Fish & Game Natural Diversity Database (CNDDDB). Available at http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp. Accessed August 10, 2009.

NAV: <http://www.charts.noaa.gov/OnLineViewer/18655.shtml>

Napa-Sonoma Marsh

County: Napa, mostly

Water body type: Tidal marsh wetland, between San Pablo Bay and lower Napa River, on north end of Mare Island

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from the Napa River
RARE	E	Napa Sonoma Restoration Project
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: Fishing is available in Napa Sonoma Marshes Wildlife Area. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Rare species include CA clapper rail, black rail, salt marsh harvest mouse, Delta smelt, Sacramento splittail, steelhead trout, and Chinook salmon. Source: Napa Sonoma Restoration Project website <http://www.napa-sonoma-marsh.org/overview.html>. Accessed August 10, 2009.

General information: The U.S. Army Corps of Engineers, the California Coastal Conservancy, and the California Department of Fish and Game are undertaking the restoration of 10,000 acres of wetlands and associated habitats within the former Cargill salt pond complex in the North Bay. Source: <http://www.napa-sonoma-marsh.org/overview.html>.

White Slough

County: Solano

Water body type: Tidal Slough along the Napa River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Previously assigned (Basin Plan Table 2-4)
MAR		
MIGR	E	Previously assigned (Basin Plan Table 2-4)
RARE	E	Previously assigned (Basin Plan Table 2-4)
SPWN	E	Previously assigned (Basin Plan Table 2-4)
WARM		
WILD	E	Previously assigned (Basin Plan Table 2-4)
REC-1	E	Previously assigned (Basin Plan Table 2-4)
REC-2	E	Previously assigned (Basin Plan Table 2-4)
NAV		

COMM: Fishing is available in White Slough Wildlife Area. Source:
<http://www.dfg.ca.gov/lands/wa/region3/whiteslough.html>. Accessed December 23, 2009.

RARE: White Slough is located within the White Slough Wildlife Area. Species in this Wildlife Area include foothill yellow-legged frog, red-legged frog, and clapper rail. Source:
<http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

South Slough

County: Solano

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from the Napa River
RARE	E	Located within the Napa Sonoma Marshes Wildlife Area
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: Fishing is available in Napa Sonoma Marshes Wildlife Area. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Dutchman Slough (Note new spelling – not Dutchmen)

County: Solano

Water body type: Tidal Slough, north of Mare Island

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from the Napa River
RARE	E	Located within the Napa Sonoma Marshes Wildlife Area
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: Fishing is available in Napa Sonoma Marshes Wildlife Area. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Rindler Creek

County: Solano

Water body type: Perennial Stream, discharges to Lake Chabot in Vallejo

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Chabot
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Blue Rock Springs Creek

County: Solano

Water body type: Perennial Stream, discharges into (South) Rindler Creek in Vallejo approximately half-mile upstream of Lake Chabot

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Chabot
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Lake Dalwigk

County: Solano

Water body type: Lake near Hwys 80 & 780, south of Blue Rock Springs Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

San Pablo Basin

Rodeo Creek (Contra Costa County)

County: Contra Costa

Water body type: Intermittent Stream, discharges to San Pablo Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated by information in the National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

Refugio Creek

County: Contra Costa

Water body type: Intermittent Stream, discharges to San Pablo Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Pinole Creek

County: Contra Costa

Water body type: Perennial Stream, discharges to San Pablo Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

Garrity Creek

County: Contra Costa

Water body type: Intermittent Stream, discharges to San Pablo Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Rheem Creek

County: Contra Costa

Water body type: Intermittent Stream in San Pablo & Richmond, discharges to San Pablo Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

San Pablo Creek

County: Contra Costa

Water body type: Intermittent and Perennial Stream

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows through San Pablo Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

REC-1: EBMUD restricts access to this watershed.

General information: See Basin Plan Table 2-4 for information on wetland areas in/along lower San Pablo Creek.

San Pablo Reservoir

County: Contra Costa

Water body type: Reservoir on San Pablo Creek

Adding beneficial use(s) to a water body already listed in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp

REC-1: EBMUD restricts access to this water body.

San Pablo Basin

Lauterwasser Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to San Pablo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to San Pablo Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Briones Reservoir

County: Contra Costa

Water body type: Reservoir on San Pablo Creek

Adding beneficial use(s) to a water body already listed in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned as "L"
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: Operated by East Bay Municipal Utility District (EBMUD)

REC-1: EBMUD restricts public access to this reservoir.

<http://www.ebmud.com/sites/default/files/pdfs/allaboutebmud.pdf>

San Pablo Basin

Bear Creek (Contra Costa)

County: Contra Costa

Water body type: Intermittent Stream, tributary to San Pablo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Briones and San Pablo Reservoirs
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Federal Register, Vol. 71, No. 71, April 23, 2006, pg. 19268.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Bear Creek is within Critical Habit Unit CCS-1A (Berkeley Hills) for California red-legged frog. This Unit is located in western Contra Costa County, south of Alhambra Valley Road and north of Bear Creek Road. Source: Federal Register, Vol. 71, No. 71, April 23, 2006.

Wildcat Creek

County: Contra Costa

Water body type: Intermittent Stream, discharges to San Pablo Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Dams at Jewel Lake and Lake Anza
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 30, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 30. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

General information: See Basin Plan Table 2-4 for information on wetland areas in/along lower Wildcat Creek.

Lake Anza

County: Contra Costa

Water body type: Reservoir on Wildcat Creek in Tilden Park, Berkeley

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Used for surface water quantity
GWR		
IND		
PROC		
COMM	E	East Bay Regional Park District, http://www.ebparks.org/activities/fishing
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: “In addition to planting rainbow trout and channel catfish, the District promotes the reproduction and growth of other gamefish species in all of its lakes. These gamefish include largemouth, and smallmouth bass, bluegill, sunfish and crappie. District lakes that do not require a fishing access permit include [Lake Anza](http://www.ebparks.org/activities/fishing).” Source: <http://www.ebparks.org/activities/fishing>. Accessed April 20, 2009.

Black John Slough

County: Marin

Water body type: Tidal Slough on Petaluma River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration to/from Petaluma River
RARE	E	Goals Project
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include salt marsh harvest mouse, California clapper rail, and California black rail. Goals Project. 2000. Baylands Ecosystem Species and Community Profiles: Life histories and environmental requirements of key plants, fish and wildlife. Prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. P.R. Olofson, editor. San Francisco Bay Regional Water Quality Control Board, Oakland, Calif. Pages 224, 334 and 342.

Rush Creek

County: Marin

Water body type: Tidal Slough, discharges to Black John Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Connected to, and same species as, Black John Slough
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include salt marsh harvest mouse, California clapper rail, and California black rail. Goals Project. 2000. Baylands Ecosystem Species and Community Profiles: Life histories and environmental requirements of key plants, fish and wildlife. Prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. P.R. Olofson, editor. San Francisco Bay Regional Water Quality Control Board, Oakland, Calif. Pages 224, 334 and 342.

Bahia Lagoon

County: Marin

Water body type: Estuarine Lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Novato Creek

County: Marin

Water body type: Perennial Stream, drains into Bel Marin Keys lagoon, then SF Estuary

Adding beneficial uses to a water body already on Table 2-1.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Edited from Potential to Existing use based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 171-172, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Edited from Potential to Existing use based on information in National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Previously assigned
SPWN	E	Edited from Potential to Existing use based on information in National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Edited from Potential to Existing use because WARM is a Clean Water Act 101(a)(2) for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
NAV		

RARE: Species include steelhead. In lower reaches, species include Salt marsh harvest mouse, California clapper rail, California black rail, Salt marsh yellowthroat, and Western pond turtle; Chinook salmon and Steelhead are also documented. Sources:

- RMC, 2003. North Bay Watershed Stewardship Plan, October 2003, Appendix A.4.
- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

General information: See Basin Plan Table 2-4 for information on wetland areas in/along lower Novato Creek.

Stafford Lake

County: Marin

Water body type: Reservoir on Novato Creek, in Stafford Lake Park

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	http://www.dfg.ca.gov/fishinginthecity/sf/north.html
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: Trout fishing in Marin County is available primarily in reservoirs stocked by the Department with catchable trout, including **Stafford Lake**: 245 acres. Stafford Lake is located about four miles west of Novato off Novato Boulevard at Stafford Lake County Park. The lake provides fair fishing for largemouth bass. No boats are permitted. Source: <http://www.dfg.ca.gov/fishinginthecity/sf/north.html>. Accessed April 20, 2009.

Bowman Canyon Creek

County: Marin

Water body type: Intermittent Stream, tributary to Novato Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Warner Creek (Novato, Marin County)

County: Marin

Water body type: Intermittent Stream, tributary to Novato Creek, formed by confluence of Vineyard Creek and Wilson Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
EST		
MAR		
MIGR	E	Both Novato and Vineyard Creeks have documented steelhead. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
RARE	E	Both Novato and Vineyard Creeks have documented steelhead. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Arroyo Avichi

County: Marin

Water body type: Intermittent Stream, tributary to Novato Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
EST		
MAR		
MIGR		
RARE	E	Tributary to Novato Creek, where steelhead are present. Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 172.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Pacheco Pond

County: Marin

Water body type: Pond, discharges to Novato Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Previously assigned
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	P	Previously assigned
RARE	E	Krisweb
SPWN	P	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2)
NAV		

COLD and RARE: Species include steelhead trout. Source: http://krisweb.com/kris_ems/krisdb/webbuilder/nm_p6.htm. Accessed December 28, 2009.

General information: Pacheco Pond is a flood control reservoir that receives flow from Pacheco Creek and San Jose Creek.

Arroyo San Jose

County: Marin

Water body type: Intermittent Stream, discharges to Bel Marin Keys lagoon

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 171.
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 171.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Gallinas Creek

County: Marin

Water body type: Intermittent Stream, discharges to San Pablo Bay north of San Rafael Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE	E	Previously assigned
SPWN		
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

General information: See Basin Plan Table 2-4 for information on wetland areas in/along lower Gallinas Creek.

San Antonio Creek (Sonoma County)

County: Border between Sonoma and Marin Counties

Water body type: Intermittent Stream, tributary to Petaluma River

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	P	Previously assigned
RARE		
SPWN	P	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2)
NAV		

Adobe Creek (Sonoma County)

County: Sonoma

Water body type: Intermittent Stream, tributary to Petaluma River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 184, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 184. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Lynch Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Petaluma River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 184, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 184. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Willow Creek (also called Willow Creek)

County: Sonoma

Water body type: Intermittent Stream, tributary to Petaluma River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in the National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Lichau Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Petaluma River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE		
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Tolay Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Sonoma Creek near Sears Point Road

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	U. S. Geological Survey
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species in lower reaches or mouth of Tolay Creek include California clapper rail (*Rallus longirostris obsoletus*), California black rail (*Laterallus jamaicensis coturniculus*), San Pablo song sparrow (*Melospiza melodia samuelis*), common yellowthroat (*Geothlypis trichas sinuosa*), and salt marsh harvest mouse (*Reithrodontomys raviventris halicoetes*). Source: Takekawa, J. Y., M. A. Bias, I. Woo, S. A. Demers, and G. T. Downard. 2002. Restoration Research and Monitoring in Bayland Wetlands of the San Francisco Bay Estuary: The Tolay Creek Project. U. S. Geological Survey, Unpubl. Prog. Rep. Vallejo, CA. pg. iv. Available at <http://www.werc.usgs.gov/sfbe/pdfs/TCannualfinal2002.pdf>.

General information: The Tolay Creek Restoration Project, managed by San Pablo Bay National Wildlife Refuge and California Department of Fish and Game, was initiated in 1997 to increase tidal flow to 176 hectares of the channelized lower creek and improve habitats for endemic tidal marsh species. Source: <http://www.werc.usgs.gov/sfbe/pdfs/TCannualfinal2002.pdf>.

Second Napa Slough

County: Sonoma

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to San Pablo Bay
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Hydrologic connection to San Pablo Bay and Napa River allows steelhead migration
RARE	E	Species could include those present in the San Pablo Bay National Wildlife Refuge and the Napa Sonoma Marshes Wildlife Area, based on hydrologic connections
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: The San Pablo Bay National Wildlife Refuge provides critical migratory and wintering habitat for shorebirds and waterfowl, particularly diving ducks, and provides year-round habitat for endangered, threatened, and sensitive species like the California clapper rail, salt marsh harvest mouse, California black rail, San Pablo song sparrow, and Suisun shrew. Numerous other threatened, endangered, and sensitive species require tidal marsh habitat for their survival, including 11 fish species that swim through San Pablo Bay to reach their fresh water spawning grounds. Source: <http://www.fws.gov/SFBAYREFUGES/San%20Pablo/index.htm>. Accessed December 28, 2009.

Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Third Napa Slough

County: Sonoma

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Napa Sonoma Marshes Wildlife Area
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Species could include those present in the Napa Sonoma Marshes Wildlife Area, based on hydrologic connections
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Steamboat Slough

County: Sonoma

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Napa Sonoma Marshes Wildlife Area
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Species could include those present in the Napa Sonoma Marshes Wildlife Area, based on hydrologic connections
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Hudeman Slough

County: Sonoma

Water body type: Tidal Slough, located in part in the Napa – Sonoma Marshes Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration
RARE	E	Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Rainbow Slough

County: Sonoma

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Napa Sonoma Marshes Wildlife Area
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Species could include those present in the Napa Sonoma Marshes Wildlife Area, based on hydrologic connections
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Sonoma Creek

County: Sonoma

Water body type: Perennial Stream, upstream of Sonoma Creek – tidal

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Sonoma Ecology Center written comments, April 29, 2009
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COMM: Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

RARE: Species include California freshwater shrimp. Source: U.S. Fish & Wildlife Service. 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, U.S. Fish & Wildlife Service, Portland, Oregon. 94 pp.

Fowler Creek

County: Sonoma

Water body type: Intermittent Stream, formed by joining of Carriger and Felder Creeks, tributary to Sonoma Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 188, and Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 188-190. Steelhead in Carriger Creek Sonoma Ecology Center written comments, April 29, 2009
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 188. Sonoma Ecology Center written comments, April 29, 2009
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Species include steelhead trout. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Felder Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Fowler Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 189
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Carriger Creek

County: Sonoma

Water body type: Perennial Stream, tributary to, or upstream portion of, Fowler Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 190, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 190. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 190. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 190. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead trout. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Rogers Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Fowler Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 189, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 189. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 189. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Schell Creek (previously misspelled as *Schnell*)

County: Sonoma

Water body type: Intermittent Stream, 3.4-mile channel fed by Arroyo Seco & Nathanson Creek watersheds, discharges to tidally influenced Schell & Steamboat Sloughs

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 200, and Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 200. Sonoma Ecology Center written comments, April 29, 2009
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 200-201. Sonoma Ecology Center written comments, April 29, 2009
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access available at Hwy 121, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, and RARE: Species include steelhead trout. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Arroyo Seco Creek (Sonoma County)

County: Sonoma

Water body type: Intermittent Stream, tributary to Schell Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 200, and Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 200.
RARE	E	Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 200. Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Nathanson Creek

County: Sonoma

Water body type: Intermittent Stream, upper Schell Creek (upstream of City of Sonoma)

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 201, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 201. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 201. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 201. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Nathanson Park & E. Napa Street, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Nathanson Park & E. Napa Street, also Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

San Pablo Basin

- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Agua Caliente Creek (Sonoma County)

County: Sonoma

Water body type: Perennial Stream, tributary to Sonoma Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 191-192, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 191-192. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access available at Verano bridge, Sam Keen, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Hooker Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Sonoma Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 192, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 192. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Mill Creek (Sonoma County)

County: Sonoma

Water body type: Perennial Stream, tributary to Sonoma Creek, in vicinity of Sonoma State Hospital

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 192, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 192. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Calabazas Creek (Sonoma County)

County: Sonoma

Water body type: Perennial Stream, tributary to Sonoma Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 193, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 193. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 193. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 193. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Stuart Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Calabazas Creek (Sonoma Creek watershed)

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 194-195, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 194-195. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 194-195. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 194-195. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Graham Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Sonoma Creek near intersection of Warm Springs Road & Sonoma Mountain Road

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 196, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 196. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 196. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 196. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Yulupa Creek

County: Sonoma

Water body type: Intermittent Stream, tributary to Sonoma Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 197, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 197. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 197. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009 CA Freshwater Shrimp, USFWS, 1998.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 197. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Public access at Annadel State Park, also Clean Water Act 101(a)(2) presumptive use
REC-2	E	Public access at Annadel State Park, Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead and California freshwater shrimp. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

San Pablo Basin

- National Marine Fisheries Service steelhead distribution database
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.
- CA Freshwater Shrimp, USFWS, 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, US Fish and Wildlife Service, Region 1, Portland, Oregon. 1998.

Bear Creek (Sonoma County)

County: Sonoma

Water body type: Intermittent Stream, tributary to Sonoma Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 198-199, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 198-199. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 198-199. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 198-199. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls Sonoma Ecology Center written comments, April 29, 2009
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead. Sources include:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Email from Caitlin Cornwall, Sonoma Ecology Center, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board. April 29, 2009.

Napa Slough

County: Napa / Sonoma border

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration
RARE	E	Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

China Slough

County: Napa

Water body type: Tidal Slough, tributary to Napa Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration
RARE	E	Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Napa River - tidal

County: Napa

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Numerous access points for recreational fishing, including points within the Napa – Sonoma Marshes Wildlife Area
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration
RARE	E	US Fish and Wildlife Service California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18654, 44 th Edition, Jan. 2008

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE:

- Species include California freshwater shrimp. Source: CA Freshwater Shrimp, USFWS, 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, US Fish and Wildlife Service, Region 1, Portland, Oregon. 1998.
- Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

NAV: <http://www.charts.noaa.gov/OnLineViewer/18654.shtml>

General information: Lower Napa River is tidally influenced to the mouth of Soda Creek and does not support the MUN beneficial use.

American Canyon Creek

County: Napa

Water body type: Intermittent Stream, discharges to Napa River tidal slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

San Pablo Basin

Mud Slough (Napa County)

County: Napa

Water body type: Tidal Slough, located within Napa – Sonoma Marshes Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration
RARE	E	Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Devils Slough

County: Napa

Water body type: Tidal Slough, discharges to Napa Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead migration
RARE	E	Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: The Napa Sonoma Marshes Wildlife Area is regularly used by hunters and fisherman. Source: <http://www.dfg.ca.gov/lands/wa/region3/nsmwa/index.html>. Accessed December 23, 2009.

RARE: Species within the Napa Sonoma Marshes Wildlife Area include longfin smelt, Sacramento splittail, steelhead, California black rail, California clapper rail, and least tern. Source: <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 23, 2009.

Huichica Creek

County: Napa

Water body type: Intermittent Stream, discharges to Napa Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 213, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 213. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 213. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls CA Freshwater Shrimp, USFWS, 1998
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 213.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead and California freshwater shrimp. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database
- U.S. Fish & Wildlife Service. 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, U.S. Fish & Wildlife Service, Portland, Oregon. 94 pp.

Carneros Creek

County: Napa

Water body type: Intermittent Stream, discharges to tidal Napa River at Cutting's Wharf, south of Napa

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 216, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 216. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 216. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Fagan Creek

County: Napa

Water body type: Intermittent Stream, discharges to Napa River tidal

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Suscol Creek

County: Napa

Water body type: Intermittent Stream, discharges to tidal Napa River about 5 miles south of Napa

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 216, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 216. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 216. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Bedford Slough

County: Napa

Water body type: Tidal Slough on Napa River near City of Napa

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE		
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Receives an NPDES-permitted discharge: Napa Development Partners NPDES General Permit for Groundwater Discharge: R2-2007-0033-19

Tulucay Creek

County: Napa

Water body type: Intermittent Stream, discharges to tidal Napa River about 1.5 south of Imola Avenue

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 217, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 217. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Spencer Creek

County: Napa

Water body type: Perennial Stream, tributary to Tulucay Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 218.
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 217.
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE:Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Murphy Creek

County: Napa

Water body type: Perennial Stream, joins Spencer Creek to form Tulucay Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 217.
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 217.
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Napa River - nontidal

County: Napa

Water body type: Perennial river

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR	E	Groundwater recharge area, per Napa Resource Conservation District
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV	E	Previously assigned

COLD, MIGR, RARE and SPWN: Species include steelhead and California freshwater shrimp. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database
- U.S. Fish & Wildlife Service. 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, U.S. Fish & Wildlife Service, Portland, Oregon. 94 pp.

General information: Napa River is nontidal upstream of Soda Creek.

Napa Creek

County: Napa

Water body type: Perennial Stream, formed by the confluence of Browns Valley Creek and Redwood Creek and contained almost wholly within the city of Napa, flows to tidal Napa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 218, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 218. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Browns Valley Creek

County: Napa

Water body type: Intermittent Stream, tributary to Napa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 218, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 218. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Redwood Creek (Napa County)

County: Napa

Water body type: Perennial Stream, tributary to Napa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 219-220, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 219-220. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 219-220. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Pickle Canyon Creek

County: Napa

Water body type: Intermittent Stream, tributary to Redwood Creek/Napa Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 220, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 220. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Water Board staff knowledge of waterbody (M.Napolitano)
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Milliken Creek

County: Napa

Water body type: Perennial Stream, tributary to Napa River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Milliken Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 221, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 222. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 221. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Milliken Reservoir (also called Lake Milliken)

County: Napa

Water body type: Reservoir on Milliken Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned as “L”
REC-2	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Milliken Reservoir is operated by the City of Napa.

Sarco Creek

County: Napa

Water body type: Intermittent Stream, tributary to Milliken Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 222, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 222. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Salvador Creek

County: Napa

Water body type: Intermittent Stream, discharges to Napa River north of Trancas Avenue

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 222, and Napa Resource Conservation District
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 222. Napa Resource Conservation District
SPWN	E	Napa Resource Conservation District
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Species include steelhead trout and Chinook salmon. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Emails from Jonathan Koehler, Senior Biologist, Napa Resource Conservation District, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board, RE: RWQCB water body review. April-June 2009.

Soda Creek

County: Napa

Water body type: Intermittent Stream, tributary to Napa River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 223, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 223. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

San Pablo Basin

Dry Creek (Sonoma County)

County: Sonoma

Water body type: Perennial stream, headwaters near Bald Mtn, discharges to Napa River north of City of Napa

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 224. Water Board staff knowledge of waterbody
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Segassia Canyon Creek

County: Napa

Water body type: Intermittent Stream, drains the eastern slopes of Mt. Veeder, tributary to Dry Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 225.
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 225.
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Montgomery Creek

County: Napa

Water body type: Intermittent Stream, tributary to Dry Creek at the junction of Dry Creek and Mt. Veeder roads

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 226.
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 226.
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Hopper Creek

County: Napa

Water body type: Intermittent Stream, tributary to Dry Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 224.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Conn Creek

County: Napa

Water body type: Perennial Stream, tributary to Napa River

Adding beneficial uses(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Species include steelhead trout below Lake Hennessey.

Rector Creek

County: Napa

Water body type: Intermittent Stream, tributary to Conn Creek, downstream of Hennessey Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Rector Reservoir
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 227, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 227.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

San Pablo Basin

Lake Hennessey (also called Conn Valley Reservoir)

County: Napa

Water body type: Reservoir on Conn Creek, fed by Moore & Chiles Creeks

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

Chiles Creek

County: Napa

Water body type: Perennial Stream, headwater tributary to Conn Creek, via Lake Hennessey

Adding beneficial uses(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2)
NAV		

Moore Creek

County: Napa

Water body type: Perennial Stream, tributary to Chiles Creek, upstream of Lake Hennessey

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Hennessey
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 228.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

San Pablo Basin

Sage Creek

County: Napa

Water body type: Perennial Stream, tributary to Conn Creek, via Lake Hennessey

Adding beneficial uses(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2)
NAV		

Angwin Lakes

County: Napa

Water body type: Reservoir at headwaters of Conn Creek, northwest of town of Angwin

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Water supply for residents of Angwin, per Water Board staff knowledge of waterbody
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Bale Slough

County: Napa

Water body type: Intermittent Stream, tributary to Napa River near Rutherford

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 229.
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 229.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 229.
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Bear Canyon Creek

County: Napa

Water body type: Perennial Stream, tributary to Bale Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 229, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 229. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Sulphur Creek (Napa County)

County: Napa

Water body type: Perennial Stream, especially in upper reaches, tributary to Napa River east of St. Helena

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 230, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 230. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 230. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 230. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Heath Canyon Creek

County: Napa

Water body type: Perennial Stream, tributary to Sulphur Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 231, and
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 231.
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Iron Mine Creek

County: Napa

Water body type: Perennial Stream, tributary to Sulphur Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 231.
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 231.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 231.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

York Creek

County: Napa

Water body type: Perennial Stream, tributary to Napa River near St. Helena

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 231. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2)
NAV		

RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Bell Canyon Creek

County: Napa

Water body type: Perennial Stream, tributary to Napa River about 2.5 miles north of St. Helena

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 232.
EST		
MAR		
MIGR	E	Water Board staff knowledge of waterbody
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 232.
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 232.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Bell Canyon Reservoir

County: Napa

Water body type: Reservoir on Bell Canyon Creek, tributary to Napa River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	City of St. Helena
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: Drinking Water Consumer Confidence Report, City of St. Helena, undated brochure, circa 2007. Available at <http://ci.st-helena.ca.us/images/city/Water%20Related%20Info/2006%20Water%20Report.pdf>. Accessed August 11, 2009.

San Pablo Basin

Mill Creek (Napa County)

County: Napa

Water body type: Intermittent Stream, tributary to Napa River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in the National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Ritchey Creek (Ritchie Creek)

County: Napa

Water body type: Perennial Stream, tributary of Napa River approximately 3 miles south of Calistoga

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 234, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 234. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 234. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 234. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Selby Creek

County: Napa

Water body type: Intermittent Stream, formed by junction of Dutch Henry and Biter Creeks, tributary to Napa River midway between Calistoga and St. Helena

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Napa Resource Conservation District
EST		
MAR		
MIGR	E	Napa Resource Conservation District
RARE	E	Napa Resource Conservation District
SPWN	E	Napa Resource Conservation District
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE, and SPWN: Emails from Jonathan Koehler, Senior Biologist, Napa Resource Conservation District, to Janet O’Hara, San Francisco Bay Regional Water Quality Control Board, RE: RWQCB water body review. April-June 2009.

Dutch Henry Creek

County: Napa

Water body type: Intermittent Stream, joins with Biter Creek to become Selby Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 235, and the Napa Resource Conservation District
EST		
MAR		
MIGR	E	Napa Resource Conservation District
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 235. Napa Resource Conservation District
SPWN	E	Napa Resource Conservation District
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Species include steelhead trout. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Emails from Jonathan Koehler, Senior Biologist, Napa Resource Conservation District, to Janet O'Hara, San Francisco Bay Regional Water Quality Control Board, RE: RWQCB water body review. April-June 2009.

Diamond Mountain Creek

County: Napa

Water body type: Intermittent Stream, tributary to Napa River

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 236.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 236.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Cyrus Creek

County: Napa

Water body type: Intermittent Stream, tributary to Napa River approximately 1 mile west of Calistoga

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 236, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 236. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Garnett Creek

County: Napa

Water body type: Intermittent Stream, tributary to Napa River north of Calistoga

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 237, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 237. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 237. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls CA Freshwater Shrimp, USFWS, 1998
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Species include steelhead and California freshwater shrimp. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- National Marine Fisheries Service steelhead distribution database.
- CA Freshwater Shrimp, USFWS, 1998. California Freshwater Shrimp (*Syncaris pacifica* Holmes 1895) Recovery Plan, US Fish and Wildlife Service, Region 1, Portland, Oregon. 1998.

Jericho Canyon Creek

County: Napa

Water body type: Intermittent Stream, tributary to Garnett Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 237, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 237. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Water Board staff knowledge of waterbody
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Kimball Canyon Creek

County: Napa

Water body type: Perennial Stream, headwaters of Napa River above St. Helena Reservoir

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Flows through St. Helena Reservoir, St. Helena Water District
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 238.
EST		
MAR		
MIGR		
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 238.
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MUN: Kimball Creek feeds the St. Helena Reservoir, which is located about four miles upstream of the mouth. Thus MUN applies in the upper reaches of Kimball Creek.

COLD and RARE: Species include steelhead trout below the St. Helena Reservoir. Source: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

SUISUN BASIN

Grizzly Bay

County: Solano

Water body type: Estuary, located within Suisun Bay and adjacent to Grizzly Island Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use is well-established
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead and Chinook salmon migration through the Delta
RARE	E	G.A. Aasen
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include Delta Smelt. Source: Aasen, G.A., 1999. Juvenile Delta Smelt Use of Shallow Water and Channel Habitats in California's Sacramento-San Joaquin Estuary, California Department of Fish and Game, 85(4):161-169. Other species present in Suisun Bay include steelhead trout, Chinook salmon, Delta smelt, longfin smelt, and Sacramento splittail.

Honker Bay

County: Solano

Water body type: Estuary, located within Suisun Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use is well-established
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead and Chinook salmon migration through the Delta
RARE	E	G.A. Aasen
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include Delta Smelt. Source: Aasen, G.A., 1999. Juvenile Delta Smelt Use of Shallow Water and Channel Habitats in California's Sacramento-San Joaquin Estuary, California Department of Fish and Game, 85(4):161-169. Other species present in Suisun Bay include steelhead trout, Chinook salmon, Delta smelt, longfin smelt, and Sacramento splittail.

Sulphur Springs Creek

County: Solano

Water body type: Intermittent stream, flows through Lake Herman to Suisun Bay

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Herman
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Goodyear Slough

County: Solano

Water body type: Tidal Slough, located within the Goodyear Slough Unit of the Grizzly Island Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	CA Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Steelhead and Chinook salmon migration
RARE	E	CA Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, Salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

General information: With 84,000 acres of land, bays and sloughs, the Suisun Marsh is the largest contiguous estuarine marsh in the entire United States. The Grizzly Island Complex occupies about 15,300 acres of this prime wildlife habitat. The complex is a patchwork of 10 distinct land parcels, many of which are not connected and are surrounded by private land. They offer a variety of recreation opportunities and act as a vital buffer against further marsh development. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/generalinfo.html>. Accessed December 29, 2009.

Cordelia Slough

County: Solano

Water body type: Tidal Slough, located within Suisun marshlands, and adjacent to the Grizzly Island Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Suisun Bay
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Green Valley Creek

County: Solano

Water body type: Intermittent to Perennial Stream, discharges with Suisun Creek to Cordelia Slough

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 257. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

COLD and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Dan Wilson Creek

County: Solano

Water body type: Intermittent Stream, tributary to Green Valley Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Wild Horse Creek (also called Wild Horse Valley Creek)

County: Solano

Water body type: Intermittent Stream, tributary to Green Valley Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Flows to Lake Frey and Lake Madigan
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 258.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Lake Frey

County: Solano

Water body type: Reservoir on Wild Horse Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

MUN: Vallejo water sources include Lakes Frey and Madigan. Source: <http://www.ci.vallejo.ca.us/GovSite/default.asp?serviceID1=205>. Accessed December 30, 2009.

REC-1: The city of Vallejo owns both Lake Frey and the surrounding land, and restricts any activity that would result in contamination. Source: <http://www.ci.vallejo.ca.us/GovSite/default.asp?serviceID1=205>. Accessed December 30, 2009.

Lake Madigan

County: Solano

Water body type: Reservoir on Wild Horse Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR	E	Previously assigned
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Previously assigned
NAV		

MUN: Vallejo water sources include Lakes Frey and Madigan. Source:

<http://www.ci.vallejo.ca.us/GovSite/default.asp?serviceID1=205>. Accessed December 30, 2009.

REC-1: The city of Vallejo owns both Lake Madigan and the surrounding land, and restricts any activity that would result in contamination. Source:

<http://www.ci.vallejo.ca.us/GovSite/default.asp?serviceID1=205>. Accessed December 30, 2009.

Suisun Slough

County: Solano

Water body type: Estuary, partially located within Grizzly Island Wildlife Area

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST	E	Previously assigned (Basin Plan Table 2-4)
MAR		
MIGR	E	Previously assigned (Basin Plan Table 2)
RARE	E	Previously assigned (Basin Plan Table 2)
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV	E	Previously assigned

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

MIGR: Suisun Slough is listed as an area of critical salmon habitat and migration. Source: Spring Run Chinook Salmon Intake Gate Restrictions for Spring of 2009, taken from the Army Corps of Engineers Regional General Permit File: 24215N for the Suisun Resource Conservation District, Page 5, Conditions #12 and #14. Dated February 4, 2009. Available at <http://www.suisunrcd.org/pdocs/Spring%20Run%20Chinook%20Salmon%20Intake%20Gate%20Restrictions.doc>. Accessed December 30, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, Salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Suisun Creek

County: Solano

Water body type: Perennial Stream, discharges to Cordelia Slough, Grizzly Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Previously assigned
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 259. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2)
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2)
NAV		

RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Suisun Reservoir

County: Solano

Water body type: Reservoir on Suisun Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH	E	Used for surface water quantity
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

General information: Susan reservoir is a small, dammed lake on a minor tributary to Suisun Creek. Source: SFBRWQCB, Surface Water Ambient Monitoring Program (Swamp), Final Workplan 2001 – 2002. Available at http://www.swrcb.ca.gov/rwqcb2/docs/swamp_wp_01-02.doc.

Wooden Valley Creek

County: Solano

Water body type: Perennial Stream, tributary to Suisun Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on information in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 260
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 260
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 260
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 260
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Sheldrake Slough

County: Solano

Water body type: Tidal Slough, flows to Suisun Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Suisun Slough and Suisun Bay
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species in Sheldrake Slough could include those species supported by Suisun Slough, which is located within the Grizzly Island Wildlife Area. Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, Salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Boynton Slough

County: Solano

Water body type: Tidal Slough, flows to Suisun Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Suisan Slough and Suisun Bay
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species in Sheldrake Slough could include those species supported by Suisun Slough, which is located within the Grizzly Island Wildlife Area. Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, Salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Peytonia Slough

County: Solano

Water body type: Tidal Slough, flows to Suisun Slough, located within Peytonia Slough Ecological Reserve (a Unit of the Grizzly Island Wildlife Area)

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Gordon Valley Creek

County: Solano

Water body type: Intermittent Stream, tributary to Ledgewood Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Hill Slough

County: Solano

Water body type: Tidal Slough, flows to Suisun Slough, located within Hill Slough Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: Recreational angling is the number one use at Hill Slough. Source: <http://www.dfg.ca.gov/lands/articles/docs/hillslough01.pdf>. Accessed December 30, 2009.

RARE: Species within the Hill Slough Wildlife Area include salt marsh harvest mouse. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 30, 2009.

General information: Hill Slough Wildlife Area consists of 1,723 acres of salt tidal marsh, managed marshes, sloughs and upland grassland. Source: <http://www.dfg.ca.gov/lands/wa/region3/hillslough.html>. Accessed December 30, 2009.

Cutoff Slough

County: Solano

Water body type: Tidal Slough, located within the Grizzly Island Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Suisun Resource Conservation District
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

MIGR: Cutoff Slough is listed as an area of critical salmon habitat and migration. Source: Spring Run Chinook Salmon Intake Gate Restrictions for Spring of 2009, taken from the Army Corps of Engineers Regional General Permit File: 24215N for the Suisun Resource Conservation District, Page 5, Conditions #12 and #14. Dated February 4, 2009. Available at <http://www.suisunrcd.org/pdocs/Spring%20Run%20Chinook%20Salmon%20Intake%20Gate%20Restrictions.doc>. Accessed December 30, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Spring Branch

County: Solano

Water body type: Intermittent Stream

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Volanti Slough

County: Solano

Water body type: Tidal Slough, flows to Suisun Slough and located within the Grizzly Island Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Chinook migration
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Montezuma Slough

County: Solano

Water body type: Estuary, located along the Grizzly Island Wildlife Area

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	California Department of Fish and Game
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	Previously assigned
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV	E	Previously assigned

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

MIGR: Montezuma Slough is listed as an area of critical salmon habitat and migration. Source: Spring Run Chinook Salmon Intake Gate Restrictions for Spring of 2009, taken from the Army Corps of Engineers Regional General Permit File: 24215N for the Suisun Resource Conservatino District, Page 5, Conditions #12 and #14. Dated February 4, 2009. Available at <http://www.suisunrcd.org/pdocs/Spring%20Run%20Chinook%20Salmon%20Intake%20Gate%20Restrictions.doc>. Accessed December 30, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Nurse Slough

County: Solano

Water body type: Tidal Slough, flows to Montezuma Slough, which is located along the Grizzly Island Wildlife Area

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Montezuma Slough and Grizzly Bay
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Suisun Resource Conservation District
RARE	E	Based on proximity to Grizzly Island Wildlife Area, see California Department of Fish and Game reference below
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COMM: At various times of the year several species of game fish may be caught at Grizzly Island Wildlife Area. They include striped bass, brown bullhead, white catfish, white sturgeon, black crappie and the occasional largemouth bass, Chinook salmon and steelhead. Source: <http://www.dfg.ca.gov/lands/wa/region3/grizzlyisland/fishing.html>. Accessed December 29, 2009.

MIGR: Lower Nurse Slough is listed as an area of critical salmon habitat and migration. Source: Spring Run Chinook Salmon Intake Gate Restrictions for Spring of 2009, taken from the Army Corps of Engineers Regional General Permit File: 24215N for the Suisun Resource Conservation District, Page 5, Conditions #12 and #14. Dated February 4, 2009. Available at <http://www.suisunrcd.org/pdocs/Spring%20Run%20Chinook%20Salmon%20Intake%20Gate%20Restrictions.doc>. Accessed December 30, 2009.

RARE: Species within the Grizzly Island Wildlife Area include Chinook salmon, Delta smelt, longfin smelt, Sacramento splittail, salt marsh harvest mouse, California clapper rail and California black rail. Source: California Department of Fish and Games' Biologic Resource Inventory, available at <http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed December 29, 2009.

Denverton Slough

County: Solano

Water body type: Tidal Slough, discharges to Nurse Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Grizzly Island Wildlife Area
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Suisun Resource Conservation District
RARE	E	Suisun Resource Conservation District
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MIGR and RARE: Denverton Slough is listed as an area of critical salmon habitat and migration. Source: Spring Run Chinook Salmon Intake Gate Restrictions for Spring of 2009, taken from the Army Corps of Engineers Regional General Permit File: 24215N for the Suisun Resource Conservation District, Page 5, Conditions #12 and #14. Dated February 4, 2009. Available at <http://www.suisunrcd.org/pdocs/Spring%20Run%20Chinook%20Salmon%20Intake%20Gate%20Restrictions.doc>. Accessed December 30, 2009.

Denverton Creek

County: Solano

Water body type: Intermittent Stream, originates south of Travis AFB, flows to Denverton Slough, Nurse Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	Matern, S.A., P.B. Moyle, and L.C. Pierce
SPWN	E	Matern, S.A., P.B. Moyle, and L.C. Pierce
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE and SPWN: Species include Chinook salmon. Moyle, P.B, J.A. Israel, and S.E. Purdy. *Salmon, Steelhead, and Trout in California, Status of an Emblematic Fauna*, University Of California, Davis. 2008. Pg. 158. Available at <http://www.caltrout.org/SOS-Californias-Native-Fish-Crisis-Final-Report.pdf>.

Alhambra Creek

County: Contra Costa

Water body type: Perennial Stream, discharges to Carquinez Straight

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 24, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 24. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 24. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR and RARE: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Information on Alhambra Creek restoration projects can be found in the Contra Costa County Watershed Atlas, 2003. Prepared by the Contra Costa County Community Development Department in cooperation with the Contra Costa County Public Works Department. November 2003. Alhambra Creek Watershed Plan and information about creek cleanups are available at <http://www.ccrd.org/>.

Franklin Creek

County: Contra Costa

Water body type: Perennial Stream, headwater tributary to Alhambra Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in National Park Service written communication, April 18, 2003.
EST		
MAR		
MIGR	E	National Park Service written communication, April 18, 2003.
RARE	E	National Park Service written communication, April 18, 2003.
SPWN	E	National Park Service written communication, April 18, 2003.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, MIGR, RARE and SPWN: Memorandum from Mary Coopriders, Water Quality Specialist, San Francisco Bay Area Network, National Park Service, to Steve Moore, Section Leader, Policy and Planning Section, San Francisco Bay Regional Water Quality Control Board, RE: Update of Waterbodies and Beneficial Uses in the San Francisco Bay Water Quality Control Plan (Basin Plan). April 18, 2003.

Arroyo del Hambre

County: Contra Costa

Water body type: Perennial Stream, headwater tributary to Alhambra Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 24.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Peyton Slough

County: Contra Costa

Water body type: Tidal Slough

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND	E	Industrial water supply uses have existed on/after November 28, 1975
PROC		
COMM	E	Access for recreational fishing exists
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	URS report
RARE	E	URS report
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MIGR and RARE: Species may include Delta smelt, steelhead trout, Chinook salmon, Sacramento splittail, and salt marsh harvest mouse. Source: URS, Preliminary Draft Biological Assessment, Chapter 3. Available at

http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/peytonslough/peyton%20slough%20ba_final%20report.pdf.

Receives an NPDES Permitted Discharge: Rhodia Inc. Martinez Plant, Order No. R2-2008-0075.

Pacheco Creek (Contra Costa County)

County: Contra Costa

Water body type: Perennial Stream, discharges to Carquinez Strait

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Walnut Creek

County: Contra Costa

Water body type: Perennial Stream, discharges to Suisun Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 16. Contra Costa County Watershed Atlas
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Edited from Potential to Existing use because REC-1 is a Clean Water Act 101(a)(2) presumptive use
REC-2	E	Edited from Potential to Existing use because REC-2 is a Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include steelhead and Chinook, now found mostly in lower reaches. Sources:

- *Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (Oncorhynchus mykiss) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.*
- *Contra Costa County Watershed Atlas, 2003. Prepared by the Contra Costa County Community Development Department in cooperation with the Contra Costa County Public Works Department. November 2003.*

Receives an NPDES-permitted discharge: General Permit for Groundwater Dewatering Discharges, WDID # 2071252001.

Grayson Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to Walnut Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 16, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 16. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and MIGR: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Pine Creek

County: Contra Costa

Water body type: Perennial Stream, tributary to Walnut Creek

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 18.
RARE	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 18. East Bay Regional Park District
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

MIGR: Note that below Pine Creek Flood Control Dam, Pine Creek provides access to Little Pine Creek and Arroyo Cerro. Source: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Species include steelhead, California tiger salamander, and California red-legged frog. Sources:

- Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.
- Brochure for Diablo Foothills Regional Park Castle Rock Regional Recreation Area. East Bay Regional Park District. Available at http://www.ebparks.org/files/Diablo_Foothills_Castle_Rock_text.pdf . Accessed on August 24, 2009.
- Bobzien, S. and J.DiDonato, 2007. The Status of the California Tiger Salamander (*Ambystoma californiense*), California Red-Legged Frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*) and other Aquatic Herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District, Oakland, CA.

Information on restoration projects on Pine Creek is available in the Contra Costa County Watershed Atlas, 2003. Prepared by the Contra Costa County Community Development Department in cooperation with the Contra Costa County Public Works Department. November 2003.

Galindo Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to Pine Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold fresh water habitat, based on relationship to other water bodies in the watershed
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

San Ramon Creek

County: Contra Costa

Water body type: Perennial Stream, discharges to Walnut Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

Bollinger Canyon Creek (also called Bollinger Creek)

County: Contra Costa

Water body type: Intermittent Stream, headwater tributary to San Ramon Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 23, and National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 23. National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD, RARE and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Las Trampas Creek

County: Contra Costa

Water body type: Perennial Stream, tributary to San Ramon Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 20.
EST		
MAR		
MIGR		
RARE	E	California Natural Diversity Database
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

RARE: Species include Alameda whipsnake and California red-legged frog. Source: California Department of Fish and Game's California Natural Diversity Database. Available at http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp. Accessed August 26, 2009.

Tice Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to Las Trampas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	California Natural Diversity Database
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include Alameda whipsnake and California red-legged frog. Source: California Department of Fish and Game's California Natural Diversity Database. Available at http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp. Accessed August 26, 2009.

Lafayette Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to Las Trampas Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 21.
EST		
MAR		
MIGR		
RARE		
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Lafayette Reservoir

County: Contra Costa

Water body type: Reservoir

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN	E	Previously assigned
FRSH		
GWR		
IND		
PROC		
COMM	E	CDFG fishing location: http://imaps.dfg.ca.gov/viewers/fishing_guide/app.asp
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR		
RARE		
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E*	Previously assigned
REC-2	E	Previously assigned
NAV		

REC-1: EBMUD restricts access to this water body.

Hastings Slough

County: Contra Costa

Water body type: Tidal Slough at west end of US Naval Station Port Chicago

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR		
RARE	E	California Department of Fish and Game
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species could include those present in the adjoining Point Edith Wildlife Area, including salt marsh harvest mouse and California black rail. Source:

<http://www.dfg.ca.gov/lands/SpeciesList/Default.aspx>. Accessed January 4, 2010.

Mt. Diablo Creek

County: Contra Costa

Water body type: Intermittent Stream, discharges to Suisun Bay

Adding beneficial use(s) to a water body already named in the Basin Plan.

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Previously assigned
EST		
MAR		
MIGR	E	Previously assigned
RARE	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls SWAMP Workplan
SPWN	E	Previously assigned
WARM	E	Previously assigned
WILD	E	Previously assigned
REC-1	E	Previously assigned
REC-2	E	Previously assigned
NAV		

RARE: Species include steelhead, California tiger salamander, California red-legged frog, and San Joaquin pocket mouse. Sources:

- National Marine Fisheries Service steelhead distribution database
- San Francisco Bay Regional Water Quality Control Board, 2002. Surface Water Ambient Monitoring Program (SWAMP) Final Workplan 2002-2003, June 2002.

Mitchell Creek

County: Contra Costa

Water body type: Perennial Stream, tributary to Mt. Diablo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in the National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
EST		
MAR		
MIGR	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
RARE	E	Bay Area Integrated Regional Water Management Plan
SPWN	E	National Marine Fisheries Service steelhead distribution database http://swr.nmfs.noaa.gov/cg/CCC_Steelhead_Distribution_06_2005.xls
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include Alameda whipsnake and California red-legged. Source: Bay Area Integrated Regional Water Management Plan, project description, Mitchell Creek Riparian Restoration. Available at <http://bairwmp.org/projects/mount-diablo-state-park-mitchell-creek-riparian>. Accessed August 26, 2009.

Donner Creek

County: Contra Costa

Water body type: Intermittent Stream, tributary to Mt. Diablo Creek

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD	E	Cold freshwater habitat, as indicated in Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 15.
EST		
MAR		
MIGR		
RARE		
SPWN	E	Leidy, R.A., G.S. Becker, B.N. Harvey. 2005, pg. 15.
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

COLD and SPWN: Leidy, R.A., G.S. Becker, B.N. Harvey. 2005. Historical distribution and current status of steelhead/rainbow trout (*Oncorhynchus mykiss*) in streams of the San Francisco Estuary, CA. Center for Ecosystem Management & Restoration, Oakland, CA.

Mallard Slough

County: Contra Costa

Water body type: Tidal Slough in east Contra Costa County

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Recreational fishing use exists, based on relationship to Suisun Bay
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Mallard Slough Intake Project Report
RARE	E	Mallard Slough Intake Project Report
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

MIGR and RARE: Species include Delta smelt, Sacramento splittail and winter-run Chinook salmon.
 Source: Mecum, W.L., *Mallard Slough Intake Channel Monitoring Project Report*. California Department of Fish & Game. Sept. 16, 1996. Pages 1 and 4-6.

Kirker Creek

County: Contra Costa

Water body type: Intermittent Stream

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM		
SHELL		
COLD		
EST		
MAR		
MIGR		
RARE	E	SWAMP Workplan
SPWN		
WARM	E	Clean Water Act 101(a)(2) presumptive use for inland surface water body
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV		

RARE: Species include California tiger salamander, California red-legged frog, and San Joaquin pocket mouse. Source: San Francisco Bay Regional Water Quality Control Board, 2002. Surface Water Ambient Monitoring Program (SWAMP) Final Workplan 2002-2003, June 2002.

New York Slough

County: Contra Costa

Water body type: Estuary

BU	Designation	Rationale and/or Source of Information
AGR		
MUN		
FRSH		
GWR		
IND		
PROC		
COMM	E	Commonly used for recreational fishing
SHELL		
COLD		
EST	E	Estuarine habitat
MAR		
MIGR	E	Migration to/from Sacramento River and Pacific Ocean
RARE	E	Species include migratory steelhead trout and Chinook salmon
SPWN		
WARM		
WILD	E	Clean Water Act 101(a)(2) presumptive use
REC-1	E	Clean Water Act 101(a)(2) presumptive use
REC-2	E	Clean Water Act 101(a)(2) presumptive use
NAV	E	NOAA navigation chart 18656, 55 th Edition, Sept. 1, 2006

COMM: For example, see http://www.fishdelta.com/resources/dans_fishing_tips_stripers.html. Accessed January 4, 2010.

NAV: <http://www.charts.noaa.gov/OnLineViewer/18656.shtml>

Appendix D

Environmental Checklist

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY
P.O. BOX 100
SACRAMENTO, CA 95812-0100

Environmental Checklist

I. Background

Project Title: Amendment to the *Water Quality Control Plan for the San Francisco Bay Basin* to List Unnamed Waterbodies and Beneficial Uses

Contact Person: Jan O'Hara, Water Resource Control Engineer, San Francisco Bay Regional Water Quality Control Board, 510.622.5681

Project Description: This project proposes amending the *Water Quality Control Plan for the San Francisco Bay Basin* (Basin Plan) by adding waterbodies and beneficial uses that were in existence when the Basin Plan was first developed on November 28, 1975 and/or thereafter, but are not included in the Basin Plan. The amendment would have no effect on the environment, because the waterbodies and beneficial uses have been in existence and must be protected, whether or not they are named in the Basin Plan.

The purpose of this action is merely to clarify the Basin Plan. The amendment would not cause a direct or indirect physical change in the environment, now or in the future. The amendment would not change any implementation plans or policies, nor does it create any new governmental program. It would not adopt a rule or regulation; relax existing standards; require pollution control equipment; or involve construction activities. While this proposed action does not fit the definition of "project" under the California Environmental Quality Act (Public Resources Code, Division 13, 21065), an Environmental Checklist (below) has been completed as required by the Water Board's Section 207 Basin Planning Program.

II. Environmental Impacts

The environmental factors checked below could be potentially affected by this project. See the checklist on the following pages for more details.

- | | | | | | |
|--------------------------|--------------------------|--------------------------|------------------------------------|--------------------------|------------------------------------|
| <input type="checkbox"/> | Aesthetics | <input type="checkbox"/> | Agriculture and Forestry Resources | <input type="checkbox"/> | Air Quality |
| <input type="checkbox"/> | Biological Resources | <input type="checkbox"/> | Cultural Resources | <input type="checkbox"/> | Geology/Soils |
| <input type="checkbox"/> | Greenhouse Gas Emissions | <input type="checkbox"/> | Hazards & Hazardous Materials | <input type="checkbox"/> | Hydrology/Water Quality |
| <input type="checkbox"/> | Land Use/Planning | <input type="checkbox"/> | Mineral Resources | <input type="checkbox"/> | Noise |
| <input type="checkbox"/> | Population/Housing | <input type="checkbox"/> | Public Services | <input type="checkbox"/> | Recreation |
| <input type="checkbox"/> | Transportation/Traffic | <input type="checkbox"/> | Utilities/Service Systems | <input type="checkbox"/> | Mandatory Findings of Significance |

1. AESTHETICS. Would the project:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no aesthetic impacts, because it would result in no direct or indirect change in the environment.

2. AGRICULTURAL AND FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental impacts, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:

	Potential-ly Sig-nificant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping & Monitoring Program of the California Resources Agency, to non-agricultural uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) or timberland (as defined by Public Resources Code section 4526)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no agricultural and forest resource impacts. It would result in no change in land use or land use policy.

3. **AIR QUALITY.** Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no air quality, because it would result in no direct or indirect change in the environment.

4. **BIOLOGICAL RESOURCES.** Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the DFG or USFWS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the DFG or USFWS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on federally-protected wetlands as defined by Section 404 of the federal Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, <i>etc.</i>) through direct removal, filling, hydrological interruption or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no adverse biological resource impacts, because it would result in no direct or indirect change in the environment.

5. CULTURAL RESOURCES. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no impacts on cultural resources, because it would result in no construction projects or otherwise cause direct or indirect change in the environment.

6. GEOLOGY and SOILS. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Rupture of a known earthquake fault, as delineated in the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines & Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on expansive soils, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternate wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no geologic or soil impacts, because it would result in no direct or indirect change in the environment.

7. GREENHOUSE GAS EMISSIONS -- Would the project:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no greenhouse gas emission impacts, because it would result in no construction project or otherwise change the environment directly or indirectly.

8. HAZARDS and HAZARDOUS MATERIALS. Would the project:

	Potential-ly Sig-nificant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code §65962.5 and, as a result, would it create a significant hazard to the public or to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or a public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no such impacts, because it would result in no direct or indirect change in the environment.

9. HYDROLOGY and WATER QUALITY. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Otherwise substantially degrade water quality?				<input checked="" type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no impacts to hydrogeology or water quality, because it would result in no direct or indirect change in the environment.

10. LAND USE AND PLANNING. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no land use impacts. The proposed action would not create or change any policy or program, nor will it result in no direct or indirect change in the environment.

11. MINERAL RESOURCES. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No mineral resources would be affected by the proposed action.

12. NOISE. Would the project result in:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Exposure of persons to, or generation of, noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of persons to, or generation of, excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing in or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing in or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no noise impacts.

13. POPULATION AND HOUSING. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area either directly (<i>e.g.</i> , by proposing new homes and businesses) or indirectly (<i>e.g.</i> , through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no impacts on population and/or housing; it would result in no direct or indirect change in the environment; and it will not create or change any plan, policy or program.

14. PUBLIC SERVICES. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service rations, response times or other performance objectives for any of the public services:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no impact on public services, and it would result in no need to alter or construct governmental facilities.

15. RECREATION. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no impact on the demand or need for recreational facilities.

16. TRANSPORTATION / TRAFFIC. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Exceed the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no transportation impacts, because it would result in no direct or indirect change in the environment. Nor would the proposed action change any policy, plan, or program.

17. UTILITIES AND SERVICE SYSTEMS. Would the project:

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental impacts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental impacts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no impacts on utilities and service systems.

18. MANDATORY FINDINGS OF SIGNIFICANCE.

	Potential-ly Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This proposed action would have no direct or indirect impact on the environment, including aquatic and terrestrial wildlife and flora and humans.