

Appendix B: Database of Additional Existing Stakeholder Projects and Programs

| ID# | Title | Description | Agency 1 | Agency 2 | Agency 3 | Status | Start Date | Finish Date | Project Cost | Funding Recvd | Funding Needed | Area | Species | OB 1 | OB 2 | OB 3 | OB 4 |
|-----|---|--|----------|-----------|----------|-----------------|------------|-------------|--------------|---------------|----------------|--|-------------------------|------|------|------|------|
| * | Improving Public Outreach and generation of brochures, web page development | * Need project description | MARINCO | NONE | NONE | Idea | 0 | 999999 | 1 | 1 | 1 | | | | | | |
| * | Need Formal Title | There's a big push to restore parks and recreation | MARINCO | NONE | NONE | Idea | 0 | 999999 | 1 | 0 | 1 | Marin County Parks | NONE | REC2 | REC3 | NONE | NONE |
| * | Skate Park | *25,000 ft ² park area for skateboarders and skaters in San Rafael McInnis Park. Park currently has baseball fields and batting cage. County paid 300,000 towards this project. *The remaining funds were provided by the State (prop 30 and prop 12), Marine Community Foundation, and City of San Rafael | MARINCO | SANRACITY | MCF | Near Completion | 200101 | 200407 | 2,000,000 | 1 | 1 | San Rafael McInnis Park | NONE | | | | |
| * | Multi-site Watershed Interpretive and Research Center | * Need project description | MARINCO | NONE | NONE | Proposed | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | REC3 | REC5 | NONE | NONE |
| * | Discharge Detection Program | Would like to establish funds for this project | MCSTOPPP | NONE | NONE | Proposed | 0 | 999999 | 1 | 0 | 1 | MCSTOPPP service area and discharge points | NONE | WQ1 | WQ2 | NONE | NONE |
| * | GIS Mapping of Outfalls | *This project will develop maps of outfalls with diameters greater than 24 inches *Project can not be completed because additional funding is needed. * Many of the major outfalls in Tam Valley, Santa Venetia, Miller Creek | MCSTOPPP | MCFCD | NONE | Proposed | 0 | 999999 | 1 | 0 | 1 | Discharge points of MCSTOPPP service area | NONE | WQ1 | WQ5 | NONE | NONE |
| * | Prop 13-Alternatives to a Toxic Tomorrow | *Need Project Description *Project will be completed in March 2005 | MCSTOPPP | NONE | NONE | Ongoing | 0 | 200503 | 1 | 500,000 | 1 | | NONE | | | | |
| * | Mount Tamalpais Vegetation Plan | *Goal of project is to reduce fire hazards and protect biological diversity *Plan was developed to address field control and control of invasive species *Program is in its 10th year. This plan will be updated within the Watershed Resource Mgmt Plan. *The project cost is approximately 500k/yr *Approximately 100k/yr is received in funding | MMWD | NPS | MARINOS | Ongoing | 199401 | 999999 | 500,000 | 100,000 | 1 | Mt. Tamalpais State Park | Wildlife, Native Plants | HP4 | NONE | NONE | NONE |
| * | Watershed Erosion Management Study | *What are some of the highlights of this study? *NMWD's role in this project? *Marin RCD will perform watershed assessment because they have already established a relationship with surrounding communities | NMWD | MARINRCD | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | | | WQ6 | | | |
| * | Participation in BACWA programs | * Which programs? | NOSD | NONE | NONE | Proposed | 999999 | 999999 | 1 | 1 | 1 | NOSD service area | NONE | WQ1 | WQ2 | NONE | NONE |

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| * | Black Point Boat Launch | *Renovation of existing boat launch located on the Petaluma River. Existing boat launch was old and needed to be upgraded. *Launch is used by a substantial number of people during peak season *Project was completely funded by State Department of Boating and Waterways | MARINCO | SDBW | NONE | Ongoing | 200301 | 200512 | 800,000 | 1 | 1 | Boat launch on Petaluma river | NONE | REC3 | NONE | NONE | NONE |
| * | Phase 2 Stormwater Program | Phase 2 community permitting report has been submitted to SWRCB | PETCITY | NONE | NONE | Ongoing | 200301 | 999999 | 1 | 1 | 1 | Need more info | NONE | Unknown | NONE | NONE | NONE |
| * | Phase I Recycled Water Pipeline | * Need project description | PETCITY | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | WS1 | WS3 | NONE | NONE |
| * | Existing General Plan Resource & Conservation Element policies/programs | * No project description | SONOMACO | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | WQ6 | HP3 | HP5 | HP6 |
| * | Bay Area Pollution Prevention Program | * Public outreach component | BACWA | SVCSD | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | REC5 | WQ1 | NONE | NONE |
| * | Regional Water Quality Monitoring Program | * Focuses on Nickel and Copper | BACWA | SVCSD | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Entire Bay Area | NONE | WQ1 | WQ2 | NONE | NONE |
| * | BASMAA BMP Implementation | * Need project description | BASMAA | SVCSD | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | WQ4 | WQ5 | NONE | NONE |
| * | San Pablo Bay Restoration and Reuse Study | * Some of the Sonoma Valley Recycled Water Feasibility Study's pipeline will be used for the Napa Salt Marsh project | SCWA | USBR | NONE | Ongoing | 0 | 999999 | 298,000 | 1 | 1 | Regional | NONE | WS3 | HP5 | NONE | NONE |
| * | Integrated Water Resource Management Plan | * Need project description | SCWA | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | North Bay watersheds draining into the San Pablo and San Francisco Bays | NONE | WS1 | WQ1 | FP1 | HP1 |

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| * | Greater San Pablo Bay Watershed Stewardship Plan | <p>* To build upon past and current watershed planning work in the greater San Pablo Bay and it's local tributaries to develop a comprehensive, consensus-based watershed stewardship plan that addresses CALFED and local objectives to define and prioritize measures necessary to improve water supply reliability, improve water quality, and restore historical ecosystems of the Bay-Delta area</p> <p>* NBWA Watershed Council will meet with stakeholder groups in watershed to meld goals and objectives and incorporate CALFED's primary Watershed Program objectives</p> <p>* Indicators will be defined to measure progress according to the objectives</p> <p>* Watershed resources will be evaluated from a historical conditions perspective, building upon work conducted by the San Francisco Estuary Institute in former tidal wetlands areas and by SEC in Sonoma Valley.</p> <p>* Watershed Council will lead the definition of priorities for implementation of projects activities, and policies required to meet the watershed needs.</p> | NBWA | TBI | NONE | Proposed | 999999 | 999999 | 1,116,000 | 0 | 1,116,000 | San Pablo Bay watershed, Marin, Sonoma, Napa, and Contra Costa Counties | NONE | REC4 | WQ1 | HP2 | REC6 |
| * | SOSCOL Recycled Water Power Plant Study (Need formal title) | <p>*Feasibility study has been prepared</p> <p>*There is currently no push to build new power plant so project is on hold</p> | NASD | NONE | NONE | Proposed | 0 | 999999 | 1 | 1 | 1 | Area for proposed power plant | NONE | WS1 | WS3 | NONE | NONE |
| * | Early TMDL Implementation - Existing Erosion and Sediment Control Measures (See electronic and/or hardcopy file for description of these programs) | <p>Programs/Activities include:</p> <p>*Performance Standards for Road and Facility Maintenance</p> <p>*Water Pollution Control for Public Construction</p> <p>*Grading Permit Standards</p> <p>*Stormwater Management and Discharge Control</p> <p>*Heritage and Significant Tree Ordinance</p> <p>*Standards for Design and Construction</p> <p>*BMP Monitoring</p> <p>*Monitoring of creek bank and storm drain outfalls for erosion</p> <p>*Developer guidelines for erosion and sediment control</p> <p>*General Plan/Zoning Setback Requirements</p> <p>*Conservation Easement</p> | SONOMACO | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | | | | | | |
| * | Canon Manor Assessment District | * No project description | SONOMACO | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | | | | |
| * | Groundwater & Well Monitoring Ordinance | * No project description | SONOMACO | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | WQ3 | NONE | NONE | NONE |

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| * | Proposed Grading Ordinance, SUSUMP, NPDES, TMDL Programs | * No project description | SONOMACO | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Unknown | NONE | | | | |
| * | Tubbs Island Levee Setback | * Restore site to tidal marsh by constructing new inboard levee and breaching outboard levee. | DU | SPBNWR | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | | | HP1 | NONE | NONE | NONE |
| * | Cullinan Ranch | * Two-phased tidal restoration * Phase I funded (DU received CALFED grant); DU, USFWS, and Ecorp (Mike Bias) working on Phase I | SPBNWR | DU | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Part of SPB NWR, in Napa? | | HP1 | NONE | NONE | NONE |
| * | Petaluma River | * Need project description | SSCRCD | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | | | | NONE | NONE | NONE |
| * | San Antonio Creek - George Googins Project | * Enhancement of 50 acres of stream bank along San Antonio Creek. The project will apply various techniques including revegetation to control sediment. | SSCRCD | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Along San Antonio Creek | | HP3 | WQ6 | NONE | NONE |
| * | San Pablo Bay Watershed Restoration Study | * Evaluate the extensive research information available to ID opportunities and constraints for the restoration and protection of the ecological resources within the watershed * Will coordinate with key stakeholders to carry watershed restoration forward; involving a cooperative public-private, partnership style * Designed to fill gaps in existing wetland management or regulatory programs * Regional scope, beyond single land entity, to restore ecological resources * Specific projects include Sonoma Creek restoration project, Las Gallinas/Miller Creek Restoration, American Canyon Creek Restoration | USACE | CC | NONE | Completed | 199901 | 200211 | 5,220,000 | 5,220,000 | 0 | San Pablo Bay Watershed | Wildlife | HP1 | FP2 | HP4 | WQ7 |
| * | Mare Island and North Bay Discovery Center | * Building acquisition and renovation for headquarters, interpretive & environmental. education trail development and wetland enhancement * Initial funding for building assessment and partial renovation | USFWS | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Mare Island, at mouth of Napa River (on west side of river) | | REC5 | REC1 | HP1 | NONE |
| * | Non-Point Source Pollution Monitoring | * Monitoring plan developed by Univ. of California Cooperative Extension Service and Sonoma and Marin County Farm Bureaus. * The plan sets certain pollution concentrations as "trigger levels" * Farm Bureaus develop a response to trigger levels in coordination with the Regional Water Quality Control Board | UCX | SFB | MFB | Unknown | 0 | 999999 | 1 | 1 | 1 | Streams near farms in the North Bay Area | NONE | WQ3 | WQ2 | NONE | NONE |

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| Repeat of 101 | H Street Drainage System | * Installation of approximately 2600 linear feet of concrete pipe storm drain, ranging in size from 18 to 30 inches in diameter * The proposed conduits will convey the runoff anticipated from a 10-year frequency storm within the 71 acre watershed, alleviating flooding that frequently occurs here (Zone 2A) | SCWA | PETCITY | NONE | Completed | 200210 | 999999 | 1,632,000 | 1 | 1 | Located along 5th, 6th and H Streets in the southwest portion of Petaluma, within the city limits | NONE | FP1 | FP3 | NONE | NONE |
| Repeat of 121 | Adobe Creek Flood Control and Restoration | *Creek restoration to improve steelhead passage through the Adobe Creek culvert at Old Adobe Rd. *Project consists of the installation of training wall, a stem wall, and "Washington" baffle system *The baffle system will reduce high flows and will increase water depth in the culvert during low flows to prevent "sheet" flows (shallow flows) *Requested funding for \$16,400 of total project cost | SCWA | NONE | NONE | Completed | 200101 | 200312 | 29,400 | 1 | 16,400 | Adobe Creek at the intersection of Old Adobe and Casa Grande Roads | Steelhead | HP1 | HP5 | WQ7 | NONE |
| Repeat of 137 | Sonoma Groundwater Study | * Started in 2000, expected to last 20 years * Study of local basin, not just one aquifer in the basin, but many * Study drawdown, recharge and problems with saline intrusion * Monitoring stage * Goal is to insure the reliability of the aquifer | SONCITY | VOMWD | NONE | Ongoing | 200001 | 202012 | 1 | 1 | 1 | Sonoma valley | NONE | WS1 | WS2 | NONE | NONE |
| Repeat of 138 | Sonoma Valley Water Recycling Feasibility Study | * Study done to determine areas that could use recycled water * City parks and schools were recognized as potential users of recycled water for irrigation * No funding | SCWA | SONCITY | VOMWD | Ongoing | 0 | 999999 | 320,000 | 0 | 1 | City of Sonoma's and Valley of the Moon Water District's service areas | NONE | WS3 | NONE | NONE | NONE |
| Repeat of 39 | Desalination Plant | * Need project description | MMWD | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | MMWD service area | NONE | WS1 | NONE | NONE | NONE |
| Repeat of 41 | Expansion of Recycled Water Program/Satellite Plant Wastewater Recycling | * Need project description | MMWD | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | MMWD service area | NONE | WS1 | WS3 | NONE | NONE |
| Repeat of 41 | NBWA North Bay Regional Water Recycling Feasibility Study | * To identify feasible locations for remote water recycling facilities * Treatment plants will be fully-enclosed Membrane Bioreactors * | NBWA | NONE | NONE | Ongoing | 200205 | 200212 | | | | NBWA's Member Agency Service Areas | NONE | WS1 | WS3 | WQ1 | NONE |

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| Repeat of 41 | NBWA Recycled Water Satellite Treatment Project | * The goal of this study is to examine the feasibility of implementing satellite treatment facilities for recycled water at several sites in the North Bay study area: Silverado area in the City of Napa, Sonoma Valley, north Marin, and central Marin. * Will include alternatives development and analysis, preliminary cost estimates for each site, a general analysis of aesthetic, treatment, energy efficiency and distribution options for siting satellite treatment plants. * A preliminary design report will include a preliminary site investigation, refined cost estimate, and preliminary site layouts and renderings | NBWA | NONE | NONE | Ongoing | 200306 | 200412 | 200,000 | 1 | 1 | NBWA's Member Agency Service Areas | NONE | WS1 | WS3 | WQ1 | |
| Repeat of 41 | North Bay Regional Water Recycling Study | * Need project description | NBWA | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Water agency areas across Marin, Sonoma and Napa counties | NONE | WS1 | WS3 | NONE | NONE |
| Repeat of 41 | Napa Salt Marsh Restoration | * Need project description * Repeat from SCWA in Agency Database | USACE | CC | CDFG | Ongoing | 0 | 999999 | 1 | 1 | 1 | | | | NONE | NONE | NONE |
| X | Miller Boat Launch | *Renovation of existing boat launch on Tomales Bay. Existing boat launch was old and needed to be upgraded. * Project was completely funded by State Department of Boating and Waterways | MARINCO | SDBW | NONE | Ongoing | 200101 | 200512 | 1,100,000 | 1 | 1 | Near Tomales Bay | NONE | REC3 | NONE | NONE | NONE |
| X | Bates Canyon | *This is a fish passage improvement project in West Marin, San Geronimo Valley *Construction in 2004 *Cost matching of \$56,240 | MCSTOPPP | NONE | NONE | Ongoing | 0 | 200412 | 1 | 123,050 | 1 | Bates Canyon, near Woodacre | Salmonids | HP5 | HP1 | NONE | NONE |
| X | Crest Marin Creek Project - Zone 3 | *Occasional flooding occurs in the Jean St., Linda Way, and Laurel Way area of Tam Valley. Project will install new culverts to bypass flow to main channel *Project currently in construction phase *Funding from F.C. Zone 3 | MCSTOPPP | FCZone3 | NONE | Ongoing | 200401 | 200512 | 60,000 | 60,000 | 1 | Tam Valley, in Jean St., Linda Way, and Laurel Way area | NONE | FP4 | NONE | NONE | NONE |
| X | Dredge Coyote Creek - Zone 3 | *The earthen reach of the Coyote Creek Flood Control Project, constructed in the 1960s by the U.S. Army Corps of Engineers, requires the periodic removal of accumulated shoaling to maintain its flow carrying capacity *Project will be completed in the summer of 2005 and is from the Highway 1 Bridge downstream to the mouth of the creek. *Funding from F.C. Zone 3 | MCSTOPPP | FCZone3 | NONE | Ongoing | 200401 | 200512 | 1,080,000 | 1,080,000 | 1 | Coyote Creek is in a coastal watershed | NONE | FP4 | NONE | NONE | NONE |



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| X | Rebuild Pump Stations | *Cheda Creek and Lynwood Pump Stations are major flood control facilities and they are old and need to be improved *Project currently in construction phase *Funding from F.C. Zone 1 | MCSTOPPP | FCZone1 | NONE | Ongoing | 200401 | 200412 | 1,365,000 | 1,365,000 | 1 | Cheda Creek is located in the Lagunitas watershed | NONE | FP3 | NONE | NONE | NONE |
| X | Woodacre Creek | *This project will restore 190 linear feet of Woodacre Creek that is currently buried in a pipe. The road culvert will be replaced with a fish friendly arched culvert with a natural bottom. The project also includes trail construction and re-surfacing the existing tennis court. *Construction in 2004 | MCSTOPPP | NONE | NONE | Ongoing | 0 | 200412 | 1 | 352,000 | 1 | Woodacre creek watershed, near town of Woodacre, drains into ocean | Salmonids | HP5 | HP1 | NONE | NONE |
| X | Halleck Creek Sediment Removal | Removal of gravel in Halleck Creek so that the channel does not flood adjacent properties during rain events | MMWD | NONE | NONE | Ongoing | 198401 | 999999 | 10,000 | 1 | 1 | Halleck/Nicasio Creek Watershed | NONE | FP1 | FP3 | NONE | NONE |
| X | Nesting Platforms | Involves building nesting platforms for Ospreys in Niccizio and Soulajule | MMWD | NONE | NONE | Completed | 0 | 200312 | 1 | 1 | 0 | Osprey habitat in Niccizio and Soulajule | Osprey | HP1 | HP5 | NONE | NONE |
| X | Willis Evans - Biodiversity Inventory of Lower Walker and Lagunitas Creek | Inventory, map, and create a database in Lower Walker Creek and Lower Lagunitas Creek | MMWD | NONE | NONE | Ongoing | 200403 | 200506 | 242,500 | 8,600 | 233,900 | Lower Walker Creek and Lower Lagunitas Creek | Wildlife | HP2 | HP6 | NONE | NONE |
| X | Willis Evans - University of California Tomales Bay Water Quality Project | Study of animal agriculture facilities in order to develop plans/actions for waste management that would reduce pollutant loading to bay waters | MMWD | NONE | NONE | Ongoing | 200310 | 200407 | 67,822 | 6,640 | 61,182 | Area around Tomales Bay | NONE | HP6 | REC6 | NONE | NONE |
| X | West Marin Reg General Permit-BA | *Need Project Description *Draft completed in March 2004 | MCSTOPPP | NONE | NONE | Ongoing | 0 | 999999 | 1 | 35,000 | 1 | Coastal | NONE | | | | |
| X | Lagunitas Sediment and Riparian Management Plan | Plan to manage releases from reservoir to sustain fish populations <i>Is there a report available that includes project details? (Greg to bring on 4/15)</i> | MMWD | NONE | NONE | Ongoing | 199701 | 200712 | 1,200,000 | 285,000 | 0 | Lagunitas Creek Watershed | Coho Steelhead California Freshwater Shrimp | HP1 | HP5 | NONE | NONE |
| X | Lagunitas Creek Roads MOU | MMWD is working with Marin County Open Space to establish a plan to manage sediment erosion on roads and trails | MMWD | MARINOS | NONE | New | 200412 | 200512 | 34,000 | 20,000 | 20,000 | Roads and trails in MMWD service area | NONE | WQ6 | REC1 | NONE | NONE |
| X | Willis Evans - Barnabe Creek Fish Passage Program | Culvert removal/replacement study | MMWD | NONE | NONE | Ongoing | 200406 | 200508 | 64,976 | 7,024 | 57,952 | Barnabe Creek, see San Geronimo Quadrangle Map | Fish | HP1 | HP5 | NONE | NONE |

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| X | Willis Evans - Fire Road Erosion Mitigation, Samuel P. Taylor State Park | Drainage work on two fire roads in S.P. Taylor State Park for the purpose of keeping sediment from entering Lagunitas Creek and Deadman's Gulch Creek | MMWD | NONE | NONE | Ongoing | 200406 | 200408 | 7,600 | 5,000 | 2,600 | See San Geronimo Quadrangle Map, Samuel P. Taylor State Park, Lagunitas Creek and Deadman's Gulch Creek | NONE | HP1 | HP5 | NONE | NONE |
| X | Willis Evans - Green Gulch Cape Ivy Removal | Removal of cape ivy from 0.4 acres of riparian habitat | MMWD | NONE | NONE | Ongoing | 999999 | 999999 | 5,000 | 5,000 | 0 | Green Gulch? | Native Plants | HP4 | NONE | NONE | NONE |
| X | Redwood Creek Watershed Sediment Control on Marin Municipal Water District Lands | <p>* Conduct erosion control and prevention activities to reduce road-related sediment delivery into the stream channel systems of the Redwood Creek watershed.</p> <p>* The ultimate goal is to improve estuarine rearing habitat for salmonids</p> <p>* The San Francisco Bay's Basin Plan identifies Redwood Creek as supporting trout and anadromous salmon and steelhead fisheries, and in-stream habitat necessary for migration of these species.</p> <p>* A sediment source assessment was conducted to develop a prioritized erosion prevention plan for 67 miles of roads and trails in the watershed. The study attributed degraded streambed conditions to the excessive load of fine sediments that enter the stream channel via chronic road related erosion sites or stream crossing failures throughout the watershed.</p> <p>* Project actions are focused on implementing erosion control and erosion prevention work to prevent approximately 4,898 cubic yards of sediment from being delivered to the Redwood Creek drainage.</p> | MMWD | NONE | NONE | Ongoing | 200402 | 200612 | 98,448 | 69,000 | 29,448 | MMWD lands in the north of the Redwood Creek watershed (a coastal watershed) | Salmonids | WQ6 | WQ7 | NONE | NONE |

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| X | Porter Creek | <p>*The objective of the project is to restore salmon and steelhead populations in the upper Porter Creek watershed by providing access to habitat upstream of the culverts that currently obstruct fish passage. The project is located approximately 5 miles west of Windsor off Westside Road. PRMD will prepare the environmental document and acquire the permits for the work. Project construction is scheduled for July 2004.</p> <p>*This project involves replacing two pipe culverts under Sweetwater Springs Road at Porter Creek with a 50-ft, concrete, two-span bridge</p> <p>*Grant funding received from the DFG to replace two pipe culverts under Sweetwater Springs Road at Porter Creek with a 50 foot, concrete, two-span bridge. The total cost of this project is \$370,000, with a \$117,000 county share of costs.</p> | SCDTPW | PRMD | CDFG | Ongoing | 200407 | 999999 | 370,000 | 253,000 | 0 | Windsor? Is this out of NBWA region? | Salmon and Steelhead | HP1 | HP5 | WQ7 | NONE |
| X | Tyrone Road | <p>*The Gold Ridge Resource Conservation District has received a grant from DFG to replace two culverts under Tyrone Road at Tyrone Gulch with a 25 foot clear span bridge</p> <p>*Environmental documentation is being prepared. Tyrone Gulch is located just south of Monte Rio and is a tributary to Dutch Bill Creek, an important coho spawning creek. The project will allow improved fish passage to the upper reaches of Tyrone Gulch for steelhead trout and coho salmon. Project construction is scheduled for July 2004.</p> <p>*Cost sharing of \$125,000</p> | SCDTPW | GRRCD | CDFG | Ongoing | 200407 | 999999 | 270,000 | 145,000 | 0 | Monte Rio? Outside of NBWA region | Coho and Steelhead | HP1 | HP5 | NONE | NONE |

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| X | North Sonoma County Agricultural Reuse Project | <p>* USBR Project</p> <p>* The public would benefit from this project through the reduction of use of riparian water supplies, the reduction of wastewater discharges to regional waterways, and from the environmental benefit to fish and wildlife</p> <p>* The project would involve construction of several off-stream water storage facilities; construction of pipelines to and from storage facilities and for distribution; construction of related structures, booster pump stations, and other appurtenances</p> <p>* Workplan to address water supply at Russian River , Dry Creek, and Alexander River Valleys</p> <p>* Project is a solution to meeting requirements of Endangered Species Act</p> <p>* Engineering feasibility study SCWA</p> <p>* CEQA/NEPA</p> <p>* Economic Assessment</p> <p>*Construction Cost: \$50 - \$70 Million and Feasibility Study Cost: \$1 - \$2 Million (source: http://www3.scwa.ca.gov/docushare/dsweb/Get/Document-811/)</p> | SCWA | LGVSD | USBR | Ongoing | 0 | 999999 | 1,140,000 | 440,000 | 700,000 | Russian River, Dry Creek and Alexander Valley areas | Wildlife | WS1 | WQ1 | HP1 | NONE |
| X | Dutch Bill Creek at Camp Meeker | <p>*This project will install fish baffles in the box culvert and boulder weirs downstream from that culvert</p> <p>*Cost sharing of \$12,000</p> <p>*Project status?</p> | SCDTPW | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Dutch Bill Creek near Camp Meeker | Fish | HP5 | NONE | NONE | NONE |
| X | Old Cazadero Road Erosion Control | <p>*This project will implement erosion control recommended by the road erosion inventory conducted by Pacific Watershed Associates</p> <p>*Cost sharing of \$71,250</p> <p>*Project Status?</p> | SCDTPW | NONE | NONE | Ongoing | 0 | 999999 | 1 | 195,303 | 1 | Old Cazadero Road? | NONE | WQ6 | NONE | NONE | NONE |
| X | Sonoma County Roads Coho Salmon Stream Sediment Source Assessment | <p>*This project will identify and detail cost effective erosion prevention and control road-related projects for 5 coho salmon watersheds within the county</p> <p>*Cost share of \$31,636</p> <p>*Project status?</p> | SCDTPW | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | 5 watersheds within Sonoma County | Coho | WQ6 | HP3 | HP5 | NONE |
| X | Willow Creek Road | <p>*TPW received funding from the federal Coastal Impact Assistance Program to upsize roadway culverts along Willow Creek to enhance fish passage and reduce sediment loads caused by erosion. Willow Creek flows from the hills west of the small town of Occidental to the Russian River. The lower reach of Willow Creek contains a large marsh, and the outlet of the creek is into the Russian River estuary.</p> <p>*Project status?</p> | SCDTPW | NONE | NONE | Ongoing | 0 | 999999 | 1 | 68,415 | 1 | Willow Creek, west of Occidental to the Russian River | Fish | HP5 | FP2 | NONE | NONE |



Appendix B: Database of Additional Existing Stakeholder Projects and Programs

| ID# | Title | Description | Agency 1 | Agency 2 | Agency 3 | Status | Start Date | Finish Date | Project Cost | Funding Recvd | Funding Needed | Area | Species | OB 1 | OB 2 | OB 3 | OB 4 |
|-----|---------------------------------------|---|----------|----------|----------|-----------|------------|-------------|--------------|---------------|----------------|---|---------|------|------|------|------|
| X | Monte Rio Wastewater System | * No project description | SONOMACO | NONE | NONE | Ongoing | 0 | 999999 | 1 | 1 | 1 | Town of Monte Rio, near the Russian River | NONE | WQ1 | NONE | NONE | NONE |
| X | Russian River Basin Groundwater Study | * Working with USGS to determine qualities of GW aquifers in the Russian River basin, including soil types, soil fractures, and reliability * No funding yet | SONCITY | VOMWD | USGS | Ongoing | 0 | 999999 | 1 | 0 | 1 | Russian River valley | NONE | WS1 | WS2 | NONE | NONE |
| X | Copeland Creek | * Trail along the creek with interpretive signs made by SCWA | SCWA | NONE | NONE | Completed | 0 | 200312 | 1 | 1 | 1 | Russian River watershed | NONE | REC1 | REC5 | NONE | NONE |
| X | Corona Creek | * Trail along creek (no signs) | SCWA | NONE | NONE | Completed | 0 | 200312 | 1 | 1 | 1 | Russian River tributary | NONE | REC1 | NONE | NONE | NONE |
| X | Thompson Creek | * Trail along creek (no signs) | SCWA | NONE | NONE | Completed | 0 | 200312 | 1 | 1 | 1 | Russian River watershed | NONE | REC1 | NONE | NONE | NONE |