

Appendix C: Database of Candidate Projects

ID#	Title	Description	Area	Budget	OB 1	OB 2	OB 3	OB 4
0	Regional Support for Member Agency Water Supply Implementation Projects	Supports permitting and funding and provide political and technical support to projects such as MMWD's Desalination Pilot Program and Sonoma and Napa valley recycled water initiatives.	NBWA	\$100,000	WS1	WS3	WS4	NONE
1	Regional Water Supply Master Plan	Defines strategies for water supply reliability and capital improvement programs (CIP) including recycled water, conservation, new supplies.	NBWA	\$1,000,000	WS1	WS3	WS4	NONE
2	Integrated Groundwater Management Plan for North Bay	Expands upon existing Sonoma and Petaluma groundwater studies with in the NBWA boundary and can include aquifer storage recovery (ASR).	NBWA	\$600,000	WS2	WQ2	NONE	NONE
3	Napa Sonoma Salt Marsh Restoration Project Support	Provides funding and approval support for the proposed Napa Sonoma Salt Marsh Restoration Project.	NBWA	\$50,000	WS3	NONE	NONE	NONE
4	Regional Forum for Water Recycling Strategies	Develops goals and implementation strategies for recycled water production and use as outlined in the North Bay Water Supply Master Plan (Candidate Project 1).	NBWA	\$100,000	WS3	NONE	NONE	NONE
5	Landscape Irrigation Expo	Creates an exposition that bring together experts on and manufactures of water efficient landscape irrigation techniques and technologies to inform local landscapers and residents.	NBWA	\$30,000	WS4	REC4	NONE	NONE
6	Regional Stream Monitoring Program	Coordinates guidelines and project approaches for a regional stream monitoring program. Factors to be monitored include stream flow, water quality, and habitat. Program would also establish baseline conditions for future effectiveness monitoring. Program will serve as basis for creating congruent subwatershed level implementation projects (Candidate Projects 7-15).	NBWA	\$300,000	WS5	WQ3	WQ5	REC3
7	Sonoma Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Sonoma Creek Subwatershed	\$400,000	WS5	WQ3	WQ5	REC3
8	Petaluma River Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Petaluma Creek Subwatershed	\$400,000	WS5	WQ3	WQ5	REC3
9	Novato Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Novato Creek Subwatershed	\$200,000	WS5	WQ3	WQ5	REC3
10	Corte Madera Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Corte Madera Creek Subwatershed	\$200,000	WS5	WQ3	WQ5	REC3
11	Miller Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Miller Creek Subwatershed	\$100,000	WS5	WQ3	WQ5	REC3
12	Gallinas Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Gallinas Creek Subwatershed	\$100,000	WS5	WQ3	WQ5	REC3
13	San Rafael Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	San Rafael Creek Subwatershed	\$100,000	WS5	WQ3	WQ5	REC3
14	Arroyo Corte Madera del Presidio/Mill Valley Creek Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Arroyo Corte Madera del Presidio/Mill Valley Creek Subwatershed	\$100,000	WS5	WQ3	WQ5	REC3



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15	Sausalito Area Creeks Monitoring Project	Coordinates with existing projects and programs to implement a congruent monitoring program on a subwatershed level.	Sausalito Subwatershed	\$50,000	WS5	WQ3	WQ5	REC3
16	Forum on TMDL Collaboration	Provides a consistent source for North Bay input on San Pablo Bay as well as subwatershed TMDL development through regular meetings with member agencies and Regional Board representatives. Program could also examine a regional pollutant trading program.	NBWA	\$50,000	WQ1	NONE	NONE	NONE
17	Comprehensive Watershed Sanitary Survey Program	Develops collaborative procedure for performing the DHS required (every 5 years) sanitary surveys of water supply sources in the North Bay. Program would serve to characterize watershed and water supply system along with analyzing water quality data for NBWA members on a regional scale.	Area surrounding water supply sources	\$800,000	WQ2	WQ3	NONE	NONE
18	Stormwater BMP Implementation Program	Coordinates with and is based on similar program currently implemented by the Russian River Watershed Association. Develops specific regional BMPs to meet stormwater permitting requirements for member agencies.	NBWA	\$50,000	WQ4	REC4	NONE	NONE
19	Impaired Water Body Designation Public Awareness Campaign	Works with local stakeholder and education groups to develop regional messages and simple activities and other campaign elements regarding impaired water bodies within the North Bay Watershed region.	NBWA	\$100,000	WQ5	WQ6	REC3	REC4
20	Upper Novato Creek Watershed Sediment Reduction Program	Coordination with MCFCWDC and FCN and focuses on reducing the amount of fine sediment entering Novato Creek by implementing erosion control projects at high priority sites in the upper Novato Creek Watershed. Performance measures will include pre- and post-construction monitoring of stream cross-sections. Citizen water quality and biological monitoring programs can be used to support ongoing efforts for baseline data collection.	Novato Creek above Stafford Lake	\$200,000	WQ6	NONE	NONE	NONE
21	Stafford Lake Erosion Assessment	Updates inventory of active erosion areas in the Stafford Lake watershed to prioritize potential erosion control projects and most efficiently improve water quality in streams tributary to Stafford Lake. Updated inventory will be used to support outreach to local ranchers and to develop Ranch Management Plan.	Stafford Lake area	\$100,000	WQ6	NONE	NONE	NONE
22	Implementing Petaluma Watershed Enhancement Plan Recommendations	Supports and aides in the implementation of selected watershed improvement recommendations cited as part of the existing Petaluma Watershed Enhancement Plan.	Petaluma Creek Watershed	\$100,000	WQ6	NONE	NONE	NONE
23	Petaluma River Cleaning and Re-vegetation Project	Supports existing project to remove vegetation from inside the banks of the Petaluma River for replanting along the upper banks	Petaluma River	\$100,000	WQ6	WQ7	HE1	NONE
24	Private Owner Creek Surveying Program	Coordinates with existing efforts to create a regional program for working with private creek owners regarding issues such as stream maintenance, invasive species, land management, and water quality issues.	NBWA	\$50,000	WQ6	WQ8	NONE	NONE
25	Creek Restoration Initiative	Serves to coordinate existing efforts for increased effectiveness and cost efficiencies.	NBWA	\$200,000	WQ7	FP4	NONE	NONE
26	CMOM Compliance Program	Develops compliance program for regulations regarding Capacity Management Operations and Maintenance for wastewater collection systems.	NBWA	\$1,000,000	WQ8	NONE	NONE	NONE
27	Comprehensive Hydrologic/Hydraulic Analysis of Sonoma Creek Watershed	Builds upon similar watershed analysis efforts conducted in the Napa and Petaluma watershed areas. Coordinate with these previous projects to find out lessons learned and project results to develop an Sonoma Creek analysis.	Sonoma Creek Subwatershed	\$100,000	FP1	FP4	NONE	NONE



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28	Eastern Marin Subwatersheds Flooding Assessment	Works cooperatively with MCFCWCD to develop an assessment of flooding potential in Eastern Marin County.	Eastern Marin Subwatershed	\$50,000	FP1	NONE	NONE	NONE
29	North Bay Natural Flood Plain Survey	Uses modeling tools and GIS to assess flood plains in the North Bay and identifies potential areas to preserve or restore natural flood plain conditions.	NBWA	\$1,000,000	FP2	NONE	NONE	NONE
30	Erosion/Sediment Control Demonstration Project	Creates a few demonstration sites using various stream bank erosion abatement techniques. Assesses efficacy and feasibility of implementing techniques.	NBWA	\$60,000	FP3	NONE	NONE	NONE
31	Eastern Marin Stream Geomorphology Study	Conducts a geomorphic assessment of erosion and sediment and effects on riparian corridors in Eastern Marin County. Excludes certain areas where similar efforts have already been completed.	Eastern Marin except Corte Madera Creek	\$100,000	FP3	NONE	NONE	NONE
32	North Bay Existing Flood Control Facility Survey	Determines efficacy of existing flood control facilities and identifies key areas suitable natural stream restoration activities.	NBWA	\$250,000	FP4	NONE	NONE	NONE
33	Watershed Education Program	Works with SCWA, City of Petaluma, and MCSTOPPP to develop a regional watershed education program.	NBWA	\$50,000	FP5	REC1	REC4	NONE
34	North Bay Habitat Conservation Plan	Develops an indicator program to define changes in habitat for threatened and endangered species.	NBWA	\$1,000,000	HE2	HE3	HE4	NONE
35	Nathanson Creek Restoration Program	Develops and implements creek restoration program for Nathanson Creek	Nathanson Creek	\$100,000	HE1	NONE	NONE	NONE
36	San Anselmo Creek Assessment	Builds upon proposed efforts to assess San Anselmo Creek and improve steelhead habitat.	San Anselmo Creek	\$25,000	HE1	NONE	NONE	NONE
37	San Rafael Canalways Restoration Project	Works with subwatershed groups to restore tidal marsh areas around San Rafael Creek with enhancements such as seasonal wetlands.	San Rafael Creek Subwatershed	\$50,000	HE1	NONE	NONE	NONE
38	Non-toxic Weed Control Method Evaluation	Implements a 3-year trial program to evaluate the ecological impacts, efficacy, and cost-benefit factors of weed control systems that employ a non-toxic, heated foaming agent.	NBWA	\$300,000	HE1	NONE	NONE	NONE
39	Ross Creek Stream Flow Monitoring Project	Monitors or increases flows from Phoenix Lake to Ross Creek to ensure steelhead population is preserved.	Ross Creek, Marin	\$50,000	HE2	REC2	NONE	NONE
40	North Bay Watershed Existing Trails Survey	Coordinates with local agencies to compile surveys on trails within watershed area and to identify potential areas for improvement.	NBWA	\$50,000	REC1	REC5	NONE	NONE
41	Trail Enhancement Program	Creates a North Bay Trail Master Plan based on assessment regarding trail systems in regions and assists existing projects in need of funding or completion.	NBWA	\$100,000	REC1	REC2	REC5	NONE
42	Treatment Wetland Cooperative Research Project	Spearheads cooperative research effort to examine various aspects of treatment wetlands and their potential for use in the North Bay.	NBWA	\$250,000	REC6	NONE	NONE	NONE