

Appendix D: Database of Attribute Codes

Column Headings	Data Code	Description
ID#		Project identification number
Title		Title of project
Description		Description of project
Agency 1, Agency 2, Agency 3		Lead agency and other involved agencies (allows for 3 agencies)
	NBWA	North Bay Watershed Association Member agencies
	CMSA	Central Marin Sanitation Agency
	LGVSD	Las Gallinas Valley Sanitary District
	MARINCO	County of Marin
	MCSD5	Marin County Sanitary District No. 5
	MCSTOPPP	Marin County Stormwater Pollution Prevention Program
	MMWD	Marin Municipal Water District
	NASD	Napa Sanitation District
	NMWD	North Marin Water District
	NOSD	Novato Sanitary District
	PETCITY	City of Petaluma
	SANRACITY	City of San Rafael
	SCWA	Sonoma County Water Agency
	SONCITY	City of Sonoma
	SONOMACO	County of Sonoma
	SVCSD	Sonoma Valley County Sanitation District
		Other Agencies or Groups
	AARA	A.A. Rich & Associates
	ABAG	Association of Bay Area Governments
	BACWA	Bay Area Clean Water Agencies
	BASMAA	Bay Area Stormwater Management Agencies Association
	BCDC	Bay Conservation and Development Commission
	CAFF	Community Alliance with Family Farmers
	CC	State of California Coastal Conservancy
	CDFG	California Department of Fish and Game
	CDPR	California Department of Parks and Recreation (Silverado District)
	CEPA	California Environmental Protection Agency
	CM	College of Marin
	CPUC	California Public Utilities Commission
	CV	Citizen Volunteers
	DAC	Design Advisory Committee
	DU	Ducks Unlimited
	ERS	Ecosystem Restoration Sciences, Inc.
	FCMCW	Friends of Corte Madera Creek Watershed
	FCZone1	Marin County Flood Control and Water Conservation District Zone 1
	FCZone3	Marin County Flood Control and Water Conservation District Zone 3
	FCZone4	Marin County Flood Control and Water Conservation District Zone 4
	FCZone9	Marin County Flood Control and Water Conservation District Zone 9
	FNC	Friends of Novato Creek
	LGVSD	Las Gallinas Valley Sanitation District
	LSA	LSA Associates
	MARINOS	Marin County Open Space
	MAS	Marin Audubon Society
	MCFCWCD	Marin County Flood Control and Water Conservation District
	MCRCD	Marin County Resource Conservation District
	NCLT	Napa County Land Trust
	NCRCD	Napa County Resource Conservation District
	NDIS	Novato Disposal

Appendix D: Database of Attribute Codes

Column Headings	Data Code	Description
Agency 1, Agency 2, Agency 3 cont'd		Lead agency and other involved agencies (allows for 3 agencies)
	Other Agencies or Groups cont'd	
	PL	Private Landowners
	PTP	Petaluma Tree Planters
	PWF	Petaluma Watershed Foundation
	RWQCB	Regional Water Quality Control Board: Region 2
	SAAW	Sonoma Adopt-A-Watershed
	SCAOSD	Sonoma County Agricultural and Open Space District
	SCDTPW	Sonoma County Department of Transportation and Public Works
	SCGGA	Sonoma County Grape Growers Association
	SCPARKS	Sonoma County Parks
	SCWC	Sonoma Creek Watershed Conservancy
	SEC	Sonoma Ecology Center
	SLT	Sonoma Land Trust
	SMCO	Santa Margarita Community Organization
	SPBNWR	San Pablo Bay National Wildlife Refuge
	SSCRCD	Southern Sonoma County Resource Conservation District
	STB	Save The Bay
	TBI	The Bay Institute
	UC	Regents of the University of California
	UCX	University of California Extension
	USACE	United States Army Corps of Engineers
	USBR	United States Bureau of Reclamation
	USFWS	United States Fish & Wildlife Service
	VOMWD	Valley of the Moon Water District
	WCB	Wildlife Conservation Board (Part of CDFG)
Status		The current status of the project
	Ongoing	Ongoing programs or projects currently in design or construction phase but not yet completed
	NearCompletion	Projects in their last phase
	Completed	Projects completed within the last 2 to 3 years
	Planned	Current projects in the planning phase
	Proposed	Proposed future projects not yet approved
	Idea	Potential project concepts or ideas
Start Date		A six-digit code indicating the year and month the project began or will begin
	yyyymm	The 4-digit year (yyyy) is followed by the 2-digit month (mm)
	0	"0" indicates a start date prior to the present date, but the exact date is unknown
	999999	"999999" indicates a start date that has not yet occurred, and the expected start date is unknown
Finish Date		A six-digit code indicating the year and month the project finished or will finish
	yyyymm	The 4-digit year (yyyy) is followed by the 2-digit month (mm)
	0	"0" indicates the finish date has already occurred, although the exact finish date is unknown
	999999	"999999" indicates the finish date has not yet occurred, and the expected date is unknown

Appendix D: Database of Attribute Codes

Column Headings	Data Code	Description
Project Cost		The amount in dollars that the project costs, or is expected to cost
	1	"1" indicates that the exact project cost is unknown, or undetermined
Funding Recvd		The amount in dollars received toward funding for the project
	1	"1" indicates some funding has been received, but the exact amount is unknown
	0	"0" indicates that no funding has been received
Funding Needed		The amount in dollars still needed to complete the project
	1	"1" indicates that funding is needed, but the exact amount needed is unknown
	0	"0" indicates that no funding is needed to complete the project
Area		The area affected by the activities of the project
Species		The species that are or will be benefited by the project
OB 1, OB 2, OB 3, OB 4		The objectives being addressed by the project (allows for up to 4 objectives per project)
	Water Supply (WS)	
	WS1	Provide sustainable potable water supply to meet the long-term needs of the watershed's residents, local industry, and agriculture, while protecting natural resources
	WS2	Establish groundwater management practices to avoid overdrafts and ensure a long-lasting, beneficial use of groundwater resources
	WS3	Maximize the use of recycled water to offset potable and non-potable water needs
	WS4	Optimize water conservation to offset potable and non-potable water needs
	WS5	Support efforts to monitor surface water flows to identify instream water levels and associated timing necessary to maintain a healthy aquatic and wildlife habitat
	Water Quality (WQ)	
	WQ1	Support efforts to protect receiving waters from pollution to comply with current and future water quality regulations and maintain healthy aquatic systems.
	WQ2	Support efforts to protect surface and groundwater supplies to enable compliance with all applicable drinking water regulations
	WQ3	Support coordination or collaborative efforts to monitor surface and groundwater quality to identify point and non-point source pollution sources
	WQ4	Promote coordination to implement best management practices (BMPs) related to water quality issues
	WQ5	Work collaboratively to remove impaired water body designations
	WQ6	Implement measures to manage and reduce erosion, sedimentation, and refuse accumulation in streams.
	WQ7	Maintain and, where possible, restore streams to a state of geomorphic equilibrium in order to avoid excessive erosion and sedimentation and maximize habitat value
	WQ8	Implement measures to reduce or eliminate dry weather nuisance flows

Appendix D: Database of Attribute Codes

Column Headings	Data Code	Description
OB 1, OB 2, OB 3, OB 4 cont'd		The objectives being addressed by the project (allows for up to 4 objectives per project)
	Flood Protection (FP)	
	FP1	Assess flooding characteristics and hazards for each subwatershed, evaluate existing flood protection systems, and identify flood prone areas in need of improvement.
	FP2	Protect and preserve natural flood plains
	FP3	Implement BMPs to manage stormwater runoff, sediment loads, and erosion in streams.
	FP4	Manage modified streams and flood protection facilities to convey design flows and support ecosystem functions through the use of stream restoration and other environmentally sensitive means.
	FP5	Incorporate recreation and community participation features into stormwater and flood protection projects.
	Habitat Enhancement (HE)	
	HE1	Support protection and contribute to restoration of diverse habitats for threatened or endangered species, and establish management practices to restore dominance of locally relevant native species and reduce non-native or invasive species.
	HE2	Support coordination or collaborative efforts to monitor threatened or endangered species populations and to monitor key indicators for assessing watershed health.
	HE3	Protect and enhance buffers along riparian corridors including those along intermittent streams
	HE4	Protect and where appropriate, restore key corridors of wildlife movement
	Recreation (REC)	
	REC1	Promote expansion and connectivity of local and regional trail systems where compatible with the outlined resource goals and objectives
	REC2	Increase or improve interpretive features along accessible streams and wildlife habitat areas
	REC3	Support recreational opportunities in waterways that are compatible with water quality and water resource goals and objectives
	REC4	Support coordination or collaborative efforts with stakeholder groups to promote public education and community involvement in watershed management and restoration activities
	REC5	Supports efforts to promote educational opportunities related to cultural and historic resources
	REC6	Promote research projects related to watershed resources