

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 92-24

AUTHORIZING THE EXECUTIVE DIRECTOR OR HIS DESIGNEE
TO ACCEPT/AMEND A CLEAN WATER ACT (CWA) SECTION 319
NONPOINT SOURCE (NPS) IMPLEMENTATION GRANT
AND APPROVE AN NPS GRANT PRIORITY LIST

WHEREAS:

1. The CWA Section 319 reserves grant funds for states to implement NPS Management Programs.
2. The State Water Resources Control Board (State Water Board) is the designated State agency in California to administer the NPS Program.
3. The State Water Board approved an NPS Management Plan on November 15, 1988 which includes activities that the State Water Board and the nine California Regional Water Quality Control Boards (Regional Water Boards) will undertake to control NPS pollution.
4. The U.S. Environmental Protection Agency (EPA) has notified the State Water Board that its Federal Fiscal Year (FFY) 1992 CWA Section 319 grant allocation is approximately \$2.7 million.
5. The State Water Board's NPS Section has distributed a Request for Proposals for grant-funded NPS projects. An NPS project priority list has been prepared by State and Regional Water Board staffs.

THEREFORE BE IT RESOLVED:

That the State Water Board approves the attached NPS project priority list. All Rank 1 projects will be submitted to EPA, Region 9 for funding with FFY 1992 CWA Section 319 resources.

FURTHER BE IT RESOLVED:

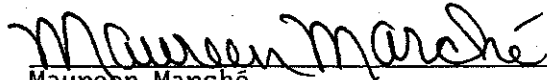
That the State Water Board authorizes the Executive Director or his designee to:

1. Apply for and accept/amend a FFY 1992 CWA Section 319 grant for an amount up to \$2.7 million for support of the NPS Program.
2. Negotiate and approve program workplans not affecting the total grant amount.

3. Negotiate and execute contracts and amendments in accordance with the program workplans.

CERTIFICATION

The undersigned, Administrative Assistant to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on March 19, 1992.



Maureen Marché

Administrative Assistant to the Board

FFY 1992 CLEAN WATER ACT SECTION 319(h) GRANT PROGRAM

RANK 1--DISCRETIONARY SET-ASIDE FUNDING

PROJECT PROPOONENT	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT COST	NPS FUND REQUEST	REG. BD. REG. BD. RANK
California Natural Resources Foundation	Demonstration Citizen Stream Monitoring Project	Demonstrate an urban stream monitoring to establish a citizen volunteer monitoring system which will be featured as a part of statewide workshop to promote volunteer and public involvement.	\$92,566	\$54,048	2: 3/12
Dept Fish and Game	Real-Time Water Quality Management	Multi-agency salinity management system demonstration project.	\$251,000	\$110,000	5: 1/22
Plumas Co Community Development Commission	Walker Mine, Phase I	Reconstruction and revegetation of Dolly Creek.	\$153,400	\$89,400	5: 2/22
California Coastal Commission	CZMA	Complete a pilot project as a model for statewide development of a Coastal Nonpoint Pollution Control program.	\$82,500	\$82,500	stwide
Mendocino RCD/CA Salmon Steelhead and Trout Restoration Federation	Fish Habitat Restoration Workshop/conference	Sponsor a five-day hands-on watershed restoration workshop and the annual CSSTRF Conference.	\$22,000	\$15,700	Stwide
State Board	Grazing Management Plan	State Board staff will work with RMAC and U.C. Extension to begin development of a statewide grazing management plan.	<u>\$100,000</u>	<u>\$100,000</u>	stwide
TOTALS:			\$701,466	\$451,648	

FFY 1992 CLEAN WATER ACT SECTION 319(h) GRANT PROGRAM

RANK 1--COMPETITIVE FUNDING

PROJECT PROPOSAL	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT COST	NPS FUND REQUEST	REG BD: REG ED RANK
City of Santa Rosa	Pinner High School, Urban Runoff Education	High school education demonstration projects.	\$93,364	\$43,000	1: 1/7
Gold Ridge RCD	Animal Waste Control, Phase II	Continue and enhance waste management demonstration and technology transfer efforts initiated in the 1991 319 grant.	\$333,333	\$200,000	1: 2/7
USFWS/Klamath Fisheries Task Force	Klamath Coordinated Information System, Second Phase	Extend First Phase information system through GIS.	\$74,205	\$40,205	1: 3/7
Association of Bay Area Governments	Erosion and Sediment Control Training	Conduct eight two-day erosion and sediment control classes. A tailored marketing effort to take place at RWQCS 1,2 and 3 for purpose of informing the government and private sectors.	\$107,946	\$64,768	2: 2/12
Napa Co. RCD	Napa River Watershed GRMP	Education program for governmental agencies and coordination of public water quality forums.	\$146,244	\$61,226	2: 4/12
Pajaro Valley Water Management Agency	Pajaro Groundwater Basin and Watershed	Implement a NPS public education program. Including public workshops; on-site mobile lab agricultural irrigation evaluations; a primary and secondary school program for teachers and students; demonstration projects; and a community program.	\$203,150	\$114,800	3: 1/5
Land Conservancy of San Luis Obispo Co	Lower SLO Creek	Expand current riparian restoration initiated under a 1990 Section 319 grant.	\$94,260	\$60,084	3: 2/5
Heal the Bay	Adopt-a-Gutter Storm Drain Education Program	Extensive public education and participation describing storm drain runoff and how to reduce pollution at the source.	\$315,050	\$70,000	4: 1/4
Western Shasta RCD	Middle Creek Watershed Erosion Control	Application of BMPs to control erosion; public involvement; ordinance development; and creation of an institutional process for preventative erosion control measures.	\$207,349	\$142,849	5: 3/22
CSU, Chico/Warberg	Colby Creek	Construction of 19 log checkdams to restore Colby Creek and associated meadows to stable and productive conditions.	\$30,817	\$17,756	5: 5/22
CA Dept Park and Rec	Jamison Creek Restoration	A multi-agency BMP implementation approach to reduce erosion, and sedimentation.	\$269,588	\$100,493	5: 6/22
Honey Lake RCD	Decrease NPS Pollution through Livestock Management	Construction of fences and other structural barriers to limit grazing.	\$141,890	\$100,590	6: 1/6
Imperial Irrigation District	On-Farm Level Basin Irrigation for NPS control	Demonstrate effects of land leveling on soil erosion and sediment transport.	\$145,848	\$71,448	7: 1/4
Mission RCD	Rainbow Creek NPS Nitrate Reduction	Demonstrating BMPs and educating the community to reduce NPS pollution sources.	\$88,250	\$52,950	9: 1/8
Environmental Health Coalition	San Diego Bay Watershed	Expanded Chollas Creek demo and public information education developed from last years Section 319 grant.	\$140,172	\$84,103	9: 2/8
USDA Forest Service	Upper Pine Creek and Laguna Meadows	Multi-agency effort to restore riparian habitat by stabilizing banks controlling sediment, and timed water release.	\$72,000	\$39,700	9: 4/6
Water Education Foundation	NPS Pollution Education	Statewide NPS education program consisting of: 1) publication and distribution of school material, 2) development and distribution of a NPS booklet for adults, 3) prepare a reporter's briefing, 4) distribution pollution prevention literature.	\$163,442	\$98,000	Statewide

TOTALS: \$2,626,908 \$1,361,972

FRY 1992 CLEAN WATER ACT SECTION 319(h) GRANT PROGRAM
 RANKED PROJECT LIST
 RANK 2

PROJECT PROponent	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT COST	NPS FUND REQUEST	REG BD: REG ID RANK
New Growth Forestry	Robinson Creek	Implementation of BMPs to reduce erosion and sedimentation.	\$66,700	\$40,000	1: 4/7
CA Dept of Parks & Rec	Bull Creek, Humbolt State Park	Abate sedimentation, restore channel banks, floodplain function.	\$309,400	\$185,640	1: 6/7
Coastal Headwaters Association	Mattole River Headwaters	Inter-agency implementation of sediment and erosion control, and habitat restoration measures.	\$314,962	\$188,630	1: 7/7
Association of Bay Area Governments	How-to Video for Homeowner Initiated Erosion Control	Develop a 45-minute video on homeowner initiated erosion control.	\$98,700	\$59,220	2: 1/12
City of Pacifica	San Pedro Creek Marsh	Construction of riparian marsh.	\$4,959,076	\$200,000	2: 5/12
Santa Clara NPS Program	Industrial Storm Water Compliance Assistance	Demonstrate the feasibility of a cooperative local and State effort to implement industrial general permits.	\$200,000	\$120,000	2: 6/12
Contra Costa Co and CH2MHill	Industrial Stormwater Outreach and Training Program	A joint venture industrial outreach and training program to industrial stormwater compliance.	\$145,670	\$74,870	2: 7/12
City of Berkeley	Berkeley Creek Protection	Develop and implement a local NPS program including: 1) Creek cleanup Program, 2) Creek Revegetation and Restoration, 3) Storm water inlet stenciling and poster program.	\$300,000	\$175,000	2: 8/12
Contra Costa Co Health Svcs Dept	Safer Alternatives Public Education	Source reduction program to reduce residential use and disposal of household hazardous waste.	\$155,937	\$93,562	2: 10/12
Napa Co RCD	Sheehy Creek Wetland Regeneration	Regeneration of watershed into riparian forest and wildlife habitat.	\$187,500	\$112,490	2: 11/12
UC Berkeley/Kondior	Grease Traps-Strawberry Creek	Study effectiveness of grease traps in parking lots to reduce NPS.	\$103,157	\$60,677	2: 12/12
Upper Las Tablas and Coastal San Luis RCDs	Water Quality Improvement	Conserve water and improve water quality through application of BMPs for agricultural irrigation.	\$854,750	\$140,750	3: 3/5
Coastal San Luis RCD	Chorro Flats	Sediment trap and riparian restoration.	\$600,000	\$600,000	3: 5/5
Heal the Bay	Model Stormwater/Urban Runoff Land Use Ordinance	Create storm drain model land use ordinances that can be applied locally and then statewide.	\$253,700	\$152,220	4: 2/4
UCD Extension/Voris	Composting of Turkeys as an Alternative to Burial	Implement compost technology to dispose of turkey carcasses.	\$140,356	\$82,683	5: 4/22
Dept of Water Resources	Squaw Queen Creek	Decrease erosion and enhance wetlands habitat by repairing downcuts, channel stabilization, relocation of roadways, construction of levees, fence grazing areas, and build nesting moats.	\$600,000	\$90,000	5: 7/22
Mariposa RCD	Mariposa Co Sediment Reduction	Implement technical assistance to standardize a procedure to minimize erosion and sedimentation from construction and land development.	\$139,686	\$119,880	5: 8/22
UC Extension/Reed	Demonstration of On-Farm Nutrient Budgeting to Reduce Nitrate Contamination of Groundwater	Development of two demonstration sites and educational material emphasizing prevention of nitrate contamination of groundwater.	\$155,882	\$79,684	5: 9/22

(RANK 2 CONT.)

Stevinson RCD	NPS Groundwater Nitrate	Implementation and demonstration of BMPs to reduce nitrates in groundwater.	\$253,545	\$153,075	5:	10/22
Environmental Defense Fund	NPS Water Quality Regulation	Identify and develop regulatory framework for a system of tradable discharge permit credits; investigate options for determining pollution loads; examine options for creation of a regional entity to manage NPS problems.	\$190,327	\$114,196	5:	11/22
Firebaugh Canal Water Dist	An Educational and Demonstration Program to Improve the Management of NPS Ag Drainage	A comprehensive drainage water measurement program will be implemented to demonstrate the value of data including volume and concentrations in determining optimum strategies to achieve drainage water objectives.	\$305,190	\$179,766	5:	12/22
City of Tehachapi	Antelope Run	Demonstration of erosion and sedimentation control practices through revegetation and stabilization.	\$126,260	\$62,478	5:	15/22
City of Davis	Davis Water Quality Improvement	Educational NPS program aimed at residents and small commercial groups.	\$43,882	\$25,930	5:	18/22
Dept of Fish and Game	Winter Waterfowl	Analysis of wintering waterfowl for Se concentrations and historical data comparison to evaluate effects of use of non-drainage water for wetlands.	\$65,000	\$65,000	5:	20/22
City of Turlock	Drainage System	Construction of drains and detention basins.	\$550,000	\$200,000	5:	21/22
USDA Forest Service Lassen National Forest	Pine Creek Restoration	Reduce nutrients and sediments by reducing grazing and fence construction.	\$154,000	\$110,000	6:	2/6
Placer Co Dept of Public Works	Kings Beach Erosion Control	Construction of erosion control barriers.	\$1,600,000	\$200,000	6:	3/6
City of Lancaster	NPS Educational Outreach	Implement and maintain an outreach NPS program.	\$57,413	\$34,413	6:	4/6
City of Lancaster	Amargosa Creek Sedimentation Improvement	Improve quality of storm water runoff by providing infiltration, sedimentation, and reduction channel velocities opportunities.	\$618,282	\$200,000	6:	5/6
Tahoe RCD	Tahoe Water Quality Monitoring	Consolidation and standardization of measurements and incorporation into GIS.	\$291,506	\$200,069	6:	6/6
Imperial Irrigation District	Peach Drain Silt Removal	Construction of sediment removal retention basins.	\$119,500	\$69,500	7:	2/4
Imperial Irrigation District	Zenos Pond/Alamo River Silt Removal	Construction of sediment removal retention basins.	\$95,500	\$45,500	7:	3/4
Imperial Irrigation District	Tailwater Recovery for NPS Control	Demonstration of intercepting and storing of sediment loaded tailwater for reuse.	\$78,750	\$44,550	7:	4/4
UC Irvine/Jue	Controlling Contaminants Associated with Urban Runoff	Design, construct, monitor, and evaluate a retention basin/filter system.	\$425,000	\$200,000	8:	1/6
Elsinore Valley Municipal Water Dist	Construction Habitat for NPS	Construction of riparian and wetland habitats to control NPS pollution and the development of a local public education, and technology transfer program.	\$325,240	\$205,000	8:	2/6
Santa Ana Watershed Project Authority	Chino Basin Water Resources Management Study-Test Wells	Investigate effects of NPS, additional groundwater monitoring will provide greater calibration of new groundwater models and enhance effectiveness of management and implementation plans.	\$1,642,500	\$200,000	8:	3/6
Inland Empire West RCD	Lytle Creek Watershed	An educational program consisting of teacher curriculum development, video production, and brochures. Demonstration projects to educate the public.	\$210,444	\$106,085	8:	4/6

(RANK 2 CONT.)

Orange Co Water Dist	Santa Ana River Recharge Facility	An extensive storm channel discharge and recharge facilities monitoring program to determine effects of NPS discharges.	\$237,100	\$132,950	8: 5/6
Eastern Municipal Water District	Regional Approach for Implementation of NPS Control Measures	Implementation of a multi-agency NPS pollution control program. Application of BMPs on rangeland use, surface hydrology, and source contamination. Develop BMP educational material. Provide technical assistance to planning task force.	\$309,000	\$185,200	8: 6/6
San Diego Co Dept of Health Svcs	San Diego Co Urban Runoff Educational Outreach System	General public and industry education program concerning NPS pollution.	\$333,000	\$100,000	9: 3/6
San Juan Basin Authority	San Juan Creek	Develop and implement a surface and groundwater baseline monitoring program and develop BMPs for the watershed.	\$250,000	\$125,000	9: 5/6
Local Government Commission	Local Government Outreach Program	Produce a NPS pollution control guidebook. Conduct four one-day NPS workshops. Network distribution of guidebook and other literature.	\$56,535	\$32,865	Stwide
TOTALS			\$18,029,507	\$5,757,262	

RANKED PROJECT LIST
RANK 3

PROJECT PROponent	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT COST	NPS FUND REQUEST	REG BD: RES HD/RMK
East Bay Municipal Utility Dist	BMP Demonstration - Channel Cleaning	Demonstration of channel cleaning to reduce stormwater pollutant loading.	\$382,730	\$200,000	2: 9/12
Bay Foundation of Morro Bay	Sedimentary Grain Size Analysis	Data collection and analysis to be used in NPS modelling and aid in identifying areas sensitive to toxins and pathogenic microorganisms.	\$38,950	\$38,950	3: 4/5
City of Buenaventura	Delineation of NPS Solutions	Pilot program assessing watershed characteristics. Employ a public education campaign, stormwater management practices, and an ordinance as a precursor to stormwater requirements in 40 CFR.	\$308,315	\$200,000	4: 3/4
Upper San Gabriel Valley Water District and San Gabriel Valley Municipal Water District	Fish Canyon Sedimentation	Joint venture demonstration project to construct a sedimentation basin and drain structure.	\$783,550	\$200,000	4: 4/4
UC Extension/Munk	Drip Irrigation Crop Rotation	Expand knowledge of subsurface drip irrigation.	\$109,628	\$65,868	5: 13/22
UC Extension/van Riet	Demonstration/Education of BMPs for Rangeland Application	Demonstration and investigation of turkey manure application for Rangeland fertilization.	\$52,421	\$24,680	5: 14/22
Fresno Metropolitan Flood Control Dist	Pollutant Control Facility and Public Education Program	Construction of a pollutant control retention basin, and implement a NPS public education campaign.	\$342,000	\$200,000	5: 16/22
E1 Dorado Co DOW	Drainage Master Plan Demo	Demonstration project to identify requirements of the Master Drainage Plan ie. watershed characterization and mapping, storm runoff modelling, identify deficient hydraulic structures, create a funding program for capital improvement projects, establish policies conforming to NPDES requirements, and production of a county hydrology and hydraulic manual.	\$395,000	\$200,000	5: 17/22
Dept of Water Resources	Water Pollution Risk Survey and Information System	Part 1) Map NPS of ground and surface pollution in Yolo Co in Part 2) Map water quality risk/sensitivity factors ie. water levels, geology, baseline data, and endangered species.	\$97,600	\$57,960	5: 19/22
CSU, Chico/Schult	Urban NPS Pollution Modelling	Demonstrate GIS capabilities by modelling urban stormwater runoff and pollutant concentrations.	\$203,657	\$120,525	5: 22/22
City of San Diego	Mission Bay Sewage Interceptor	Construction of a sewage interceptor system, 12 interceptor facilities, nine gravity drains, and three pump stations.	\$3,000,000	\$200,000	9: 6/6

TOTALS \$5,713,851 \$1,307,983