



MEMO

Submitted by: Judy Kelly, Director, San Francisco Estuary Project

Subject: Bay Area-Wide Trash Capture Demonstration Project: Designation of vendors of approved trash capture devices

Date: March 18, 2010

Executive Summary

The Association of Bay Area Governments (San Francisco Estuary Partnership) has received a “forgivable loan” from the State Water Resources Control Board’s Clean Water State Revolving Fund for \$5 million in American Reinvestment and Recovery Act (stimulus) funding. With this grant we will manage and implement a region-wide demonstration project that will provide all Bay Area cities that wish to participate with trash capture devices to retrofit existing storm drain infrastructure. The application for funding was authorized by the Executive Board in Resolution 04-09, adopted on March 19, 2009.

This “Estuary Enhancement Project” implements elements of the San Francisco Estuary Partnership’s (SFEP) Comprehensive Conservation and Management Plan (actions PO-1.8 and AR-9.2); provides incentives for early compliance with the Water Board’s new Municipal Regional Stormwater Permit; is consistent with the 2007 Resolution of the California Ocean Protection Council on Reducing and Preventing Marine Debris and the related Implementation Strategy; and will create jobs in the private sector (for device fabricators and installers). The project has enthusiastic support of the Water Board, the Bay Area Stormwater Management Agencies Association, and numerous local municipalities.

In December and January, SFEP staff released two Requests for Proposals (RFPs) to provide devices that meet the SF Bay Water Board’s criteria for “full trash capture.” The first RFP is to provide and install small, relatively inexpensive devices that will retrofit individual catch basins attracted proposals from 11 firms, offering a total of 29 different devices. The second RFP is to provide high flow capacity devices, which municipalities will install under separate contracts, yielded proposals from five firms offering 14 devices.

These proposals have undergone rigorous review. SFEP staff have vetted them for completeness; Water Board staff have selected devices for certification as “full trash capture”; and members of the project’s Technical Advisory Group have checked references extensively. With your concurrence, we are now prepared to designate approved vendors and contract with them to provide/install certified devices.

Municipalities that choose to participate in the program will be allocated project funds based on population and land area zoned retail/commercial/industrial (such zoning is widely understood to yield more trash and litter). City or county staff will choose devices from the project’s list; ABAG will purchase the devices. When installed or delivered, ownership of the devices and responsibility for maintaining them will revert to the municipalities.

Recommended Action

Staff recommends that the Board approve the attached list of vendors and trash capture devices.

Bay Area-wide Trash Capture Demonstration Project Approved Vendors and Trash Capture Devices

Approved vendors and devices, certified by the San Francisco Bay Water Board as full trash capture devices

Advanced Solutions	Stormtek ST3
Advanced Solutions	Stormtek ST3-G
Best Management Products, Inc.	SNOUT Oil-Debris Separator (with Trash Screen)
Bio Clean Environmental Services, Inc.	Grate Inlet Skimmer Box (square design)
Bio Clean Environmental Services, Inc.	High Capacity Round Grate Inlet Skimmer Box
Bio Clean Environmental Services, Inc.	Modular Connector Pipe Screen
Bio Clean Environmental Services, Inc.	Nutrient Separating Baffle Box
Bio Clean Environmental Services, Inc.	Trash Guard
Contech Construction Products	Continuous Deflective Separator (CDS)
Ecology Control Industries (American Stormwater)	Debris Dam
Fresh Creek Technologies, Inc.	Inline Netting Trash Trap
G2 Construction, Inc.	Collector Pipe Screen
Gentile Family Industries (Waterway Solutions)	GRATE Trash Catcher
KriStar Enterprises, Inc.	CleansAll
KriStar Enterprises, Inc.	Downstream Defender
KriStar Enterprises, Inc.	Flo Gard Plus Catch Basin Filter Insert, combination inlet style – C3 (stainless steel)
KriStar Enterprises, Inc.	Flo Gard Plus Catch Basin Filter Inserts, flat grated inlet style, rectangular or round – C3 (stainless steel)
KriStar Enterprises, Inc.	FloGard Catch Basin Outlet Screen Insert
KriStar Enterprises, Inc.	FloGard Dual-Vortex Hydrodynamic Separator
KriStar Enterprises, Inc.	FloGard Perk Filter
KriStar Enterprises, Inc.	FloGard Swirl-Flo Screen Separator
KriStar Enterprises, Inc.	Nettech Gross Pollutant Trap - In Line
Revel Environmental Manufacturing, Inc.	Triton Bioflex Drop Inlet Trash Guard
Roscoe Moss Company	Storm Flo Screen
United Stormwater, Inc.	Connector Pipe Screen
West Coast Storm, Inc.	Connector Pipe Screen
Xeripave, LLP	Storm Grate Basket (revised design)

Devices not certified as full capture, but eligible for ordering by municipalities where they will be used in train with full capture devices

Ecology Control Industries (American Stormwater)	Surfgate
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G2 Construction, Inc.	CamLock Debris Gate
G2 Construction, Inc.	FS 10
Gentile Family Industries (Waterway Solutions)	ARS – automatic retractable screen
KriStar Enterprises, Inc.	Trash and Debris Guard
United Stormwater, Inc.	Clean Screen III
Xeripave LLC	Infill existing grate
Xeripave LLC	Storm Grate and Lintel

Approved on a case-by-case basis, pending the San Francisco Bay Water Board's determination that installation qualifies for CEQA Categorical Exemption 15302(c), "Replacement or reconstruction of existing utility systems and/or facilities..."

Fresh Creek Technologies, Inc.	End of Pipe Netting Trash Trap
KriStar Enterprises, Inc.	Nettech Gross Pollutant Trap- End of Line
KriStar Enterprises, Inc.	Nettech Gross Pollutant Traps