2003 Federal Workplan for the Anacostia River Watershed

Chesapeake Bay Program

Prepared by:

U.S. Army Corps of Engineers
Baltimore District

May 2003

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Purpose

The purpose of the 2003 Federal Workplan for the Anacostia River Watershed (Federal Workplan) is to summarize ecosystem management and restoration efforts on federal lands that are helping to restore the Anacostia River watershed. The Chesapeake Bay Program has identified the Anacostia River as a 'Region of Concern' due to its extensive environmental degradation. Because federal agencies own more than 15 percent of the land in the watershed, the federal government plays a critical role in the restoration effort. It is the intent of this Federal Workplan to help coordinate these efforts and to foster new partnerships among the various government agencies and non-governmental organizations that share an interest in the watershed. To ensure that the 2003 Federal Workplan is easily accessible and usable, we have placed it on the World Wide Web at the following location.

http://web.lmi.org/anacostia/

Goals

- Inform the public of federal ecosystem restoration and management efforts in the watershed, including projects, research, and monitoring activities
- Identify and track federal agency progress in meeting the goals of the Anacostia Watershed Restoration Committee's (AWRC) Six-Point Action Plan and the Chesapeake 2000 Agreement
- Provide information on federal funding and programs available to assist local governments environmental organizations, citizen groups, and state and federal agencies with restoration efforts
- Promote future partnerships between federal and state agencies and local organizations
- Provide points of contact to help coordinate similar restoration efforts
- Identify funding gaps in potential restoration efforts
- In the future, use this workplan to help prioritize projects throughout the watershed

Background

Federal agencies committed to preparing and implementing this Federal Workplan and updating it biennially through the signing of two Chesapeake Bay Program Agreements: the 1994 Agreement of Federal Agencies on Ecosystem Management in the Chesapeake Bay and the 1998 Federal Agencies' Chesapeake Ecosystem Unified Plan (FACEUP). The U.S. Army Corps of Engineers (USACE) has developed this Workplan in conjunction with the U.S. Environmental Protection Agency's (EPA) Chesapeake Bay Program, with guidance from the Federal Agencies Committee (FAC) of the Chesapeake Bay Program (through a Federal workgroup) and in coordination with the Anacostia Watershed Restoration Committee (AWRC).

The first two Federal Workplans were prepared in 1997 and 1999 as written reports that presented a comprehensive list of federal agency projects in the watershed. These documents served to identify partnership opportunities to enhance management of the Anacostia watershed as a cohesive ecosystem. This document, the 2003 version of the Workplan, was printed from the Workplan Website listed above.

Important Note Regarding Priority Projects

Two of the major problems throughout the Anacostia River watershed are toxic chemical releases and combined sewer overflows. A strategy plan has been developed for each of these problems and is summarized below. The Chesapeake Bay Program and the Anacostia Watershed Restoration Committee are strongly encouraging the federal agencies to implement projects to remediate both of these problems. When planning for future projects, please give special consideration to these types of projects.

1. Toxic Chemical Management Strategy For The Anacostia River

Historic uses and activities in the Anacostia River have contributed to toxic chemical pollution of the river. These toxic conditions, primarily in the form of contaminated sediments on the river bottom, pose an unacceptable risk to the public

and to the delicate ecosystem of the river. The Toxic Chemical Management Strategy is the Anacostia Watershed Toxic Alliance's (AWTA) three-phased approach for addressing toxic pollution of the river. An important goal of the strategy is to control ongoing sources of toxics as well as remediation for past releases.

Remedial options that federal agencies, as well as other public and private entities, are encouraged to pursue throughout the Anacostia River watershed include:

- low impact development techniques (e.g. rain gardens, porous pavement) and other stormwater management projects
- creation of wetlands and tidal wetland restoration
- stream bank stabilization and other riparian projects
- innovative capping projects
- dredging and sediment removal

2. WASA's Recommended Combined Sewer System Draft Long Term Control Plan

The District of Columbia Water and Sewer Authority (WASA) developed a draft long-term plan for controlling combined sewer overflows (CSOs) in the District of Columbia. Like many older cities in the United States, the sewer system in the District includes CSOs. A combined sewer carries both sewage and runoff from storms. In the combined sewer system, sewage from homes and businesses during dry weather conditions is conveyed to the District of Columbia Wastewater Treatment Plant at Blue Plains, which is located in the southwestern part of the District on the east bank of the Potomac River. There, the wastewater is treated to remove pollutants before being discharged to the Potomac River. When the capacity of a combined sewer is exceeded during storms, the excess flow, which is a mixture of sewage and stormwater runoff, is discharged to the Anacostia and Potomac Rivers, Rock Creek and tributary waters. The excess flow is called CSO. Approximately one-third of the District is served by combined sewers, which were constructed prior to the early 1900's. The majority of the area served by combined sewers is in the older developed sections of the District.

Discharges of CSOs can adversely impact the quality of the receiving waters. WASA's recommended plan includes major construction and rehabilitation projects to improve the District's sewer system. However, it also recommends that all land owners pursue low impact development retrofit projects that control stormwater on the land such as the following:

- green roofs
- rain gardens
- porous pavement
- tree boxes
- vegetated swales

For additional questions and/or comments, please contact the U.S. Army Corps of Engineers.

Stacey Underwood
USACE Chesapeake Bay Program Coordinator
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General Services Administration

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WPYG- 7th and D Streets, SW
Room 2080
Washington, DC 20407
(202) 708-5255
kelly.holland@gsa.gov

The General Services Administration (GSA) provides three basic services to Federal agencies: public building service (PBS), Federal supply service (FSS), and information technology service. The PBS has approximately 600 leased and owned buildings in its inventory within the greater D.C. area (District of Columbia and Montgomery, Prince George's, Fairfax, Arlington, and Alexandria counties). The leasing agency or other Federal agencies manage many of the buildings.

National Aeronautics and Space Administration

Lizabeth Montgomery
Safety & Environmental Branch
Code 205.2
NASA's Goddard Space Flight Center
Greenbelt, Maryland 20771
Phone: (301) 286-0469
Lizabeth.R.Montgomery.1@gsfc.nasa.gov

National Aeronautics and Space Administration's (NASA) only facility in the Anacostia watershed is the Goddard Space Flight Center (GSFC), which totals 1,200 acres. GSFC was established in 1959 to provide support for space research and exploration. Four hundred and sixty acres of the GSFC property is heavily developed with approximately 100 buildings, parking lots, and roads. The remaining 740 acres are wooded or open space. Approximately half the development at GSFC is within the Anacostia River watershed.

National Oceanic and Atmospheric Administration

Peyton Robertson
National Ocean Service Liaison
NOAA Chesapeake Bay Office
410 Severn Ave, Suite 107A
Annapolis, MD 21403
(410) 267-5652
Peyton.Robertson@noaa.gov

NOAA has a wide range of programs and activities that can assist with projects within the Anacostia watershed. NOAA provides research, information, and management services for the Nation's ocean, coastal, and estuarine resources. NOAA's five line offices include mission focus and expertise in marine fisheries, oceans and coasts, weather, satellites, and research. NOAA supports resource management activities in the region through the NOAA Chesapeake Bay Office in Annapolis, MD, state grants for coastal zone management (CZM), fisheries research and data collection, estuarine ecology studies, coastal restoration, and the Sea Grant College Program. NOAA also provides technical advice through review and consultation by its fisheries habitat scientists on impacts of proposed wetland, dredging, or dam projects and on proposals to restore or create fisheries habitat.

National Park Service

Bob Campbell
410 Severn Ave., Suite 109
Annapolis, MD 21403
(410) 267-5747
campbell.bob@epa.gov

The National Park Service (NPS) owns nearly the entire shoreline on both sides of the Anacostia River mainstem, forming Anacostia Park and Kenilworth Park and Aquatic Gardens. Portions of the park are used by non-NPS operations, including seven marinas, Washington Gas, and the Washington, D.C., Department of Public Works. NPS also owns most of the Capital Mall land and other lands such as Greenbelt Park and Fort Dupont Park.

Natural Resources Conservation Service

Jerry Griswold
410 Severn Ave., Suite 109
Annapolis, MD 21403
(410) 267-5754
griswold.jerry@epa.gov

No information provided

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U.S. Army

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US Army Environmental Center
5179 Hoadley Road
Aberdeen Proving Ground
Aberdeen, MD 21010
410-436-1586
Rosemary.Queen@aec.apgea.army.mil

The Army owns two facilities in the Anacostia Watershed. The US Army's Adelphi Laboratory Center (ALC) covers approximately 207 acres and contains a mixture of developed areas (administration buildings, explosives storage area, research facilities, parking lots, a garage, and laboratories) and undeveloped wooded areas. No outdoor mission-related activities exist onsite. Fort Leslie J. McNair, totaling 99.9 acres, supports security and ceremonial activities. A 4.2 - foot seawall along the Anacostia river and the Washington Channel surrounds Fort McNair on the west and south. No Streams are located on the installation.

U.S. Army Corps of Engineers

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The U.S. Army Corps of Engineers (COE), Baltimore District, has a wide range of missions that include management of military construction; support of civil works projects such as navigation, flood control, and environmental restoration; and regulatory jurisdiction over navigable waters. In addition, the COE is landowner of two facilities within the watershed. The McMillan Water Treatment Plant facility encompasses approximately 53 acres. The purpose of the treatment plant is to produce approximately 80 to 120 million gallons of drinking water a day for Washington, D.C. Baltimore District also maintains a small facility in which to store and operate a small fleet of boats that removes navigation obstructions from the Potomac and Anacostia Rivers.

U.S. Coast Guard

Zante Capuno
US Coast Guard
2100 Second Street, SW
G-Section-3, Room 6109
Washington, DC 20593
(202) 267-6032
zcapuno@comdt.uscg.mil

No information provided

U.S. Environmental Protection Agency

Reggie Parrish
1200 Pennsylvania Avenue, NW
Mailcode 4502T
Washington, DC 20460
(202) 566-1396
parrish.reginald@epa.gov

The U.S. Environmental Protection Agency (EPA) is not a landowner within the Anacostia watershed but has tremendous influence on watershed activities. EPA contributes to the improvement of water quality within the Anacostia River watershed by developing criteria, setting standards, assuring compliance under the Clean Water Act provisions, and making recommendations for current and future steps to restore the river. In addition, EPA funds many pollution reduction and habitat restoration studies.

U.S. Fish and Wildlife Service

Jennifer Greiner
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Annapolis, MD 21403
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greiner.jennifer@epa.gov

The Fish and Wildlife Service's (FWS) mission is to work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats. The agency enforces Federal wildlife laws, administers the Endangered Species Act, manages migratory bird populations, restores nationally significant fisheries, conserves and restores wildlife habitat such as wetlands, and helps foreign governments with their conservation efforts. It also oversees the Federal Aid program that distributes hundreds of millions of dollars in excise taxes on fishing and hunting equipment to state fish and wildlife agencies.

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U.S. Forest Service

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The U.S. Forest Service provides technical and financial assistance to restoration and habitat improvement projects, primarily in the way of reforestation guidance and public education and awareness initiatives.

U.S. Geological Survey

Dick Hammerschlag
USGS Patuxent Wildlife Research Center
11510 American Holly Drive
Laurel, Maryland 20708
301-497-5555
richard_hammerschlag@usgs.gov

The U.S. Geological Survey (USGS) collects data from streams and monitoring wells that can be used to assess hydrologic conditions, groundwater levels, and groundwater and surface water quality. USGS mapping capabilities include coverage of much of the Nation using a Geographic Information System (GIS).

U.S. Navy

Glenn Markwith
Commander, Navy Region Mid-Atlantic
Regional Environmental Coordination Office
6506 Hampton Boulevard
Norfolk, VA 23508-1273
(757) 444-5152
gmarkwith@cmar.navy.mil

The Navy owns two facilities within the Anacostia watershed. The Washington Navy Yard (WNY), totaling 66.3 acres, was built on the shore of the Anacostia River in southeast Washington. The southern portion of the WNY was built using fill material contained by a number of seawalls. WNY is the oldest U.S. Navy installation in continuous use and has remained as a major center of Navy activity within the National Capital Region from its founding as a shipbuilding yard in the early 1800s, through later development as an ordinance manufacturing facility during the late 1800s and early 1900s, and finally in the 1960s as an administrative center. The Anacostia Annex is a 299 acre facility with a current mission comprising mostly administrative activities. The Naval District of Washington (NDW) oversees the maintenance of the facility. Most of the annex lies on fill material.

Federal Funding and Technical Assistance Information

The following funding sources available to help restore the Anacostia River watershed. These programs may assist other Federal, state, and local agencies or other interested organizations in implementing restoration projects. One of the main goals of this workplan is to leverage funds and develop partnerships to help in the restoration effort.

U.S. Army Corps of Engineers

Program - Section 510 Chesapeake Bay Environmental Restoration Program

Description - Authority is Section 510 of WRDA 1996; Section 510 is a pilot program that allows USACE to provide design/construction environmental assistance to non-Federal interests for projects in Maryland, Virginia and Pennsylvania.
Funding and Cost-Share Requirements - Cost-share is 75% Federal and 25% non-Federal. Total federal funding authorized for the program is currently $10 million.
Point of Contact - Stacey Underwood, 410-962-4977 or 800-295-1610, stacey.m.underwood@usace.army.mil

Program - Section 206 Program (Aquatic Ecosystem Restoration)

Description - Authority is Section 206 of WRDA 1996. Section 206 allows the Corps, with the support of a non-Federal sponsor, to study, design and construct projects to improve the aquatic environment. The process includes an expedited study, design and construction (total approximately 2-3 years).

Funding and Cost-Share Requirements - Cost-Share is 65% Federal, 35% non-Federal (including non-profit organizations). Non-Federal payment is deferred until construction; in-kind credit towards 35% share is allowed during design and construction. Maximum federal cost per project is $5 million. Federal project funding is requested when a project is requested by a local sponsor. USACE Headquarters receives funds each fiscal year for this program and the funds are distributed nationwide as needed.

Point of Contact - Stacey Underwood, 410-962-4977 or 800-295-1610, stacey.m.underwood@usace.army.mil

Program - Section 1135 Program (Project Modification to Improve the Environment)

Description - Authority is Section 1135 of WRDA 1986. Section 1135 allows the modification of an existing Corps project to improve the environment (e.g. a flood protection project, navigation project, etc). The process includes an expedited study, design and construction (total approximately 2-3 years).

Funding and Cost-Share Requirements - Cost-Share is 75% Federal, 25% non-Federal (including non-profit organizations). Non-Federal payment is deferred until construction; in-kind credit is allowed during design and construction. Maximum federal cost per project is $5 million. Federal project funding is requested when a project is requested by a local sponsor. USACE Headquarters receives funds each fiscal year for this program and the funds are distributed nationwide as needed.

Point of Contact - Stacey Underwood, 410-962-4977 or 800-295-1610, stacey.m.underwood@usace.army.mil

Program - General Investigation Program (GI)

Description - With the support of a non-Federal sponsor, USACE can study, design, and construct large environmental restoration projects if authorized by Congress. Congress has already provided authorization for USACE to implement projects in the Anacostia River watershed. The program can lead to multi-million dollar projects. The process includes a Reconnaissance Study, Feasibility Study, Design, and Construction.

Funding and Cost-Share Requirements - Cost-share requirements: Reconnaissance study is 100% Federal, the Feasibility Study is 50% Federal and 50% non-Federal with in-kind services allowed for the entire non-Federal share, and the Design and Construction are cost-shared 65% Federal, and 35% non-Federal. USACE budgets for specific studies/projects after Congress authorizes them.
Point of Contact - Stacey Underwood, 410-962-4977 or 800-295-1610, stacey.m.underwood@usace.army.mil

Program - Section 22 Program (Planning Assistance to States)

Description - Section 22 is authorized by WRDA 1974. USACE is authorized to provide a wide range of technical assistance to States, local governments, Indian Tribes, and other non-Federal entities. This assistance consists of planning level studies of water and land-related resources.

Funding and Cost-Share Requirements - The cost-share is 50% Federal, and 50% State, and up to 50% of the sponsor's share may be provided through in-kind services. Potential sponsors must coordinate with their state Section 22 representative as part of each state's annual preparation of a prioritized list of potential studies. The Section 22 Program is funded annually by Congress. The funds are distributed among Corps Districts nationwide, and each region distributes its allotment among the states within its boundaries. The maximum total funding available to an individual state or tribe is $500,000.

Point of Contact - Stacey Underwood, 410-962-4977 or 800-295-1610, stacey.m.underwood@usace.army.mil

Program - Beneficial Use of Dredged Material

Description - As part of dredging navigation channels, USACE can use the material to restore habitat such as wetlands.

Funding and Cost-Share Requirements - Depending on the project cost and whether the project is new or is maintenance of an existing channel, the beneficial use project may be cost-shared differently. It may be paid for by USACE if it is the least cost alternative; otherwise, the additional costs to beneficially use the material may be cost-shared 75% Federal and 25% non-Federal.

Point of Contact - Stacey Underwood, 410-962-4977 or 800-295-1610, stacey.m.underwood@usace.army.mil

National Oceanic and Atmospheric Administration
For information regarding the National Marine Fisheries Service's restoration funding opportunities, go to:
http://www.nmfs.noaa.gov/habitat/restoration/funding_opportunities/funding.html

National Park Service

Program -Chesapeake Bay Gateways Network

Description - The Chesapeake Bay Gateways Network links a diverse array of special places within the Chesapeake Bay watershed. It includes more than 100 parks, wildlife refuges, historic communities, maritime museums, and water trails allowing people to more easily explore understand and help conserve the Bay and its related resources. Sites are self-nominated for inclusion in the Network.

Funding and Cost-Share Requirements - Designated sites are eligible for matching grants supporting projects that develop or enhance public access, interpretation and resource conservation and restoration. Cost-Share is 50% Federal, 50% non-Federal. Total Federal funding for the program is currently $2 million.

Point of Contact - Jonathan Doherty, Director, National Park Service Chesapeake Bay Program Office, 410-267-5725, jdoherty@chesapeakebay.net

U.S. Fish and Wildlife Service

Program – Federal Aid in Sport Fish Restoration

Description - Purpose of grant program is to facilitate state efforts in sport fish and wildlife restoration
Funding and Cost-Share Requirements – Grants are cost-shared 75% Federal and 25% non-Federal; the recipients of the grants can only be state fish and wildlife agencies

Point of Contact – Contact your State Sport Fish Restoration Coordinator

Program – Coastal Program

Description –The program is for technical and financial assistance; USFWS works with partners to (1) protect coastal habitats through conservation easements and acquisitions, (2) restore coastal wetlands, uplands and riparian areas, (3) remove barriers to fish passage in coastal watersheds, and (4) control and monitor exotic invasive species that threaten estuarine health. Authority is Fish and Wildlife Act of 1956, and Fish and Wildlife Act Coordination Act of 1958.

Funding and Cost-Share Requirements – No cost-share required; USFWS provides technical assistance.

Point of Contact – Jennifer Greiner, 410-267-5783, greiner.jennifer@epa.gov

Program – Cooperative Endangered Species Conservation Fund

Description - There are four grants available for the conservation of endangered species: (1) Conservation grants, (2) Habitat Conservation Planning Assistance grants, (3) Habitat Conservation Planning Land Acquisition, and (4) Recovery Land Acquisition grants. The program focuses on monitoring, surveys, research management, restoration, and some acquisition. Eligible participants are states and territories that have cooperative agreements with the Secretary of the Interior. Authority is Endangered Species Act of 1973.

Funding and Cost-Share Requirements – Cost-share varies.

Point of Contact – Maricela Constantino, 410-573-4542, mariela_constantino@fws.gov

Program – Fish and Wildlife Foundation Challenge Grants

Description – The purpose of this grant program is to foster cooperative partnerships to conserve fish wildlife and plant resources. Habitat restoration is the most significant commitment of this program. The National Fish and Wildlife Foundation administers the grants.

Funding and Cost-Share Requirements – The grants are supported by matching funds from both federal and non-federal partners.

Point of Contact – Tom Kelsch, 202-857-0166, kelsch@nfwf.org

Program – National Coastal Wetlands Conservation Grants

Description – The purpose of this grant is to protect and restore coastal wetlands. Coastal states and territories and the District of Columbia are eligible. Authority is Coastal Wetlands Planning, Protection and Restoration Act.

Funding and Cost-Share Requirements – Cost share is required; in-kind services are accepted.

Point of Contact – Sally Valdes-Cogliano, 703-358-2201, sally_valdescoglino@fws.gov

Program – North American Wetlands Conservation Fund

Description – This grant program encourages voluntary public-private partnerships to conserve North American wetland ecosystems for migratory birds and other wildlife. A portion of the program funds are used towards the restoration of wetlands and adjacent upland habitats. Eligible participants are federal, state, and local governments, organizations and individuals. The program is administered by the North American Wetlands Conservation Council, USFWS, and the Migratory Bird Conservation Commission. Authority is the North American Wetland Conservation Act.

Funding and Cost-Share Requirements – 50%-50% cost-share is required.

Point of Contact – Bettina Sparrowe, 703-358-1896, bettina_sparrowe@fws.gov

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General Services Administration

Project ID: 34
ProjectTitle: Bioretention Cell
Facility: National Building Museum (Pension Building)
Project Site: Southeast Parking Lot
Status: Fully Funded
FY Complete: 2003
POC Name: Janet Kenoyer/GSA Horticulturist
POC Phone: 202-260-5253
POC E-Mail: janet.kenoyer@gsa.gov

Project ID: 35
ProjectTitle: Bioretention Strip (Low Impact Development Feature)
Facility: Southeast Federal Center
Project Site: Anacostia River frontage
Status: Fully Funded
FY Complete: 2002
POC Name: Pat Daniels/Senior Project Manager
POC Phone: (202)205-5857
POC E-Mail: pat.daniels@gsa.gov

Project ID: 36
ProjectTitle: Sustainable Design Program
Facility: NA
Project Site: National Capital Region
Status: Unfunded
FY Complete:
POC Name: Michael Carter
POC Phone: (202)708-6950
POC E-Mail: michael.carter@gsa.gov

Project ID: 37
ProjectTitle: Environmentally Beneficial Landscaping Program
Facility: NA
Project Site: National Capital Region
Status: Fully Funded
FY Complete:
POC Name: Janet Kenoyer/Horticulturist
POC Phone: (202)260-5253
POC E-Mail: janet.kenoyer@gsa.gov

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General Services Administration

Project ID:	38
ProjectTitle:	Stormwater Management Plan
Facility:	NA
Project Site:	National Capital Region
Status:	Fully Funded
FY Complete:	2000
POC Name:	Kelly Holland
POC Phone:	(202)708-5255
POC E-Mail:	kelly.holland@gsa.gov

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National Aeronautics and Space Administration

Project ID: 12
ProjectTitle: Space Science Building
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 13
ProjectTitle: Landfill B
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 14
ProjectTitle: Pistol/Rifle Range Remediation
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete: 2001
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 15
ProjectTitle: Farm House Remediation
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete: 2001
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

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National Aeronautics and Space Administration

Project ID: 16
ProjectTitle: Wildlife Management
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Unfunded
FY Complete:
POC Name: Darlene Squibb
POC Phone: 301-286-6137
POC E-Mail:

Project ID: 17
ProjectTitle: Barley Bales
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 18
ProjectTitle: Natural Resource Management
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Darlene Squibb
POC Phone: 301-286-6137
POC E-Mail:

Project ID: 19
ProjectTitle: Storm Water Managment/Low Impact Development Areas
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

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National Oceanic and Atmospheric Administration

Project ID:	8
ProjectTitle:	Anacostia East Wetland Mitigation Site
Facility:	No
Project Site:	Hyattsville, mainstem east bank north of Rte. 50
Status:	Unfunded
FY Complete:	
POC Name:	Alyce Fritz
POC Phone:	206 526-6305
POC E-Mail:	alyce.fritz@noaa.gov

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National Park Service

Project ID: 26
ProjectTitle: Design and Construction of Installation of of Sewer Line at Kenilworth Maintenance Facility
Facility: Kenilworth Maintenance Facility
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Frank Young/Maintenance Chief
POC Phone: 202-690-5183
POC E-Mail: frank_young@nps.gov

Project ID: 27
ProjectTitle: Kenilworth Marsh Interpretive Boardwalk ("Additive A")
Facility: Kenilworth Aqautic Gardens
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Stephen Syphax
POC Phone: 202-690-5160
POC E-Mail: stephen_syphax@nps.gov

Project ID: 28
ProjectTitle: Anacostia Park General Management Plan (GMP)
Facility: National Capital Parks-East
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Stephen Syphax
POC Phone: 202-690-5160
POC E-Mail: stephen_syphax@nps.gov

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U.S. Army

Project ID:	69
ProjectTitle:	Riparian Buffer Zone creation at various locations at Fort Myer
Facility:	Fort Myer
Project Site:	five stormwater outfalls
Status:	Fully Funded
FY Complete:	2004
POC Name:	John Bowman
POC Phone:	703-696-8055
POC E-Mail:	BowmanJR@fmmc.army.mil

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U.S. Army Corps of Engineers

Project ID: 1
ProjectTitle: Lower Kingman Island Section 1135
Facility: n/a
Project Site: Lower Kingman Island near RFK Stadium, DC
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 2
ProjectTitle: Lower Anacostia Park Stream Restoration
Facility: n/a
Project Site: Pope Branch, Lower Anacostia Park
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

May 2003

U.S. Army Corps of Engineers

Project ID: 9
ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration
Facility: n/a
Project Site: Fort Dupont and Fort Chaplin Creeks
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 10
ProjectTitle: Paint Branch Fish Passage and Stream Restoration
Facility: n/a
Project Site: College Park and Beltsville, MD
Status: Partially Funded
FY Complete:
POC Name: Cheryl Janiszewski
POC Phone: 410-962-6133
POC E-Mail: cheryl.l.janiszewski@usace.army.mil

Project ID: 11
ProjectTitle: Heritage Island Restoration
Facility: n/a
Project Site: Heritage Island in Kingman Lake
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 29
ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study
Facility: n/a
Project Site: Kingman and Heritage Islands
Status: Partially Funded
FY Complete:
POC Name: Susan Hughes
POC Phone: 410-962-4995
POC E-Mail: susan.b.hughes@usace.army.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

May 2003

U.S. Environmental Protection Agency

Project ID: 30
ProjectTitle: Approval of DC Water and Sewer Authority (DCWASA) Long Term Control Plan
Facility:
Project Site: All District of Columbia pervious areas
Status: Partially Funded
FY Complete:
POC Name: Lee Murphy
POC Phone: (215) 814-5760
POC E-Mail: murphy.lee@epa.gov

Project ID: 31
ProjectTitle: Chesapeake Bay Urban Stormwater Initiative
Facility: Watershed-wide federal facilities
Project Site: Watershed-wide
Status: Partially Funded
FY Complete:
POC Name: Kelly Shenk
POC Phone: (410) 267-5728
POC E-Mail: shenk.kelly@epa.gov

Project ID: 33
ProjectTitle: Potomac-Anacostia River Flagging Project
Facility: none
Project Site: Anacostia River
Status: Fully Funded
FY Complete:
POC Name: Reggie Parrish
POC Phone: (202) 566-1396
POC E-Mail: parrish.reginald@epa.gov

Project ID: 73
ProjectTitle: A Toxics Management Strategy for the Anacostia River
Facility: all
Project Site: River and tributaries
Status: Partially Funded
FY Complete:
POC Name: Nck Dinardo
POC Phone: (215) 814-3365
POC E-Mail: dinardo.nicholas@epa.gov

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Fish and Wildlife Service

Project ID: 20
ProjectTitle: Tumors and biomarkers of exposure in brown bullheads from the Anacostia River, Washington, DC an
Facility:
Project Site: Tidal Anacostia River, Washington, DC
Status: Fully Funded
FY Complete: 2003
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 21
ProjectTitle: Using the sediment quality triad to characterize baseline conditions in the Anacostia River, Washington
Facility:
Project Site: Tidal Anacostia River
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

Project ID: 22
ProjectTitle: Seasonal movement patterns, home ranges, and habitat use of the brown bullhead in the Anacostia Ri
Facility:
Project Site: Tidal Anacostia River
Status: Fully Funded
FY Complete: 2002
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 23
ProjectTitle: Contaminant Monitoring in the Kingman Lake Restored Wetland
Facility:
Project Site: Kingman Lake
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Fish and Wildlife Service

Project ID: 24
ProjectTitle: Larval fish toxicity studies in the Anacostia River
Facility:
Project Site: Anacostia R. from Bladensburg to mouth
Status: Fully Funded
FY Complete: 2002
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 25
ProjectTitle: Assessing the bioavailability of organic contaminants in the Anacostia River using semi-permeable me
Facility:
Project Site: Anacostia R. from NE and NW Branch to river mouth
Status: Fully Funded
FY Complete: 2003
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 39
ProjectTitle: Hickey Run Stream Assessment
Facility: National Arboretum & upper watershed
Project Site: Hickey Run
Status: Partially Funded
FY Complete:
POC Name: Richard Starr
POC Phone: (410) 573-4518
POC E-Mail: Rich_Starr@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Forest Service

Project ID: 65
ProjectTitle: Riparian Forest Buffer Planting
Facility: Various
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Strang
POC Phone: 410-260-8509
POC E-Mail: astrang@dnr.state.md.us

Project ID: 66
ProjectTitle: Urban Forestry Technical Assistance
Facility: Any
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Cumming
POC Phone: 304-285-1504
POC E-Mail: acumming@fs.fed.us

Project ID: 67
ProjectTitle: Growing Native Seed Collection
Facility: Public Parks and Facilities and Private lands
Project Site: wateshed-wide
Status: Fully Funded
FY Complete: 2005
POC Name: Sally Claggett
POC Phone: 410-267-5706
POC E-Mail: sclaggett@fs.fed.us

Project ID: 68
ProjectTitle: Potomac Watershed Partnership
Facility: Various
Project Site: Watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Ali McKechie@potomac.org
POC Phone: 703-222-6154
POC E-Mail: potomacpartnership@msn.com

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

May 2003

U.S. Geological Survey

Project ID: 3
ProjectTitle: Monitor Progress of Kingman Marsh Restoration - Vegetation and Soils
Facility: n/a
Project Site: Kingman Marsh
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 6
ProjectTitle: Monitoring Benthic Organisms
Facility: n/a
Project Site: Kingman/Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 7
ProjectTitle: Avi-fauna monitoring at Reconstructed Sites in the Tidal Anacostia
Facility: n/a
Project Site: Kingman and Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 70
ProjectTitle: Hydrogeology and Ground-Water Quality of the Anacostia River Watershed, Washington, D.C.
Facility: n/a
Project Site: Lower tidal Anacostia River
Status: Fully Funded
FY Complete:
POC Name: Cheryl Klohe
POC Phone: 301-497-5555
POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Geological Survey

Project ID: 71
ProjectTitle: Discrete and Continuous Water-Quality Monitoring for Nutrients, Sediment, Metals, Bacteria, and Orga
Facility: n/a
Project Site: Riverdale and Hyattsville
Status: Fully Funded
FY Complete:
POC Name: Brenda Majedi
POC Phone: 301-497-5555
POC E-Mail:

Project ID: 72
ProjectTitle: Discharge Gage Sites
Facility: n/a
Project Site: various locations
Status: Fully Funded
FY Complete:
POC Name: Bob James
POC Phone: 301-497-5555
POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Navy

Project ID: 41
ProjectTitle: Storm Water Pollution Prevention Plan (SWPPP)
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog. Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 42
ProjectTitle: NPDES Permit and associated Water Quality Monitoring
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 43
ProjectTitle: Upgrade of Aboveground Storage Tanks (ASTs)
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 44
ProjectTitle: Illicit Discharge Survey Update
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

May 2003

U.S. Navy

Project ID: 45
ProjectTitle: Low Impact Development
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 46
ProjectTitle: Storm Water Pollution Prevention Plan (SWPPP) - Revision
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 47
ProjectTitle: RCRA Facility Investigation
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 48
ProjectTitle: NPDES Permit and associated Water Quality Monitoring
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Navy

Project ID: 49
ProjectTitle: Illicit Discharge Survey Update
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 50
ProjectTitle: Upgrade of Aboveground Storage Tanks (ASTs)
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 51
ProjectTitle: Storm Sewer Rehabilitation Project
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 52
ProjectTitle: Low Impact Development
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Navy

Project ID: 53
ProjectTitle: Bioretention cells
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 54
ProjectTitle: Permeable Pavers
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 55
ProjectTitle: Tree box
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2002
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 56
ProjectTitle: Rain garden
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2002
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Navy

Project ID: 57
ProjectTitle: Sand Filters
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 58
ProjectTitle: Building 183 LID
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 59
ProjectTitle: Building 211 LID
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 60
ProjectTitle: Building 22 LID
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2003
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by Federal Agency

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U.S. Navy

Project ID: 61
ProjectTitle: LID Maintenance
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 62
ProjectTitle: Storm Drain Maintenance
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 63
ProjectTitle: Sand Filter Maintenance
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 64
ProjectTitle: Building 118 - IR project
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 34
ProjectTitle: Bioretention Cell
Agency: General Services Administration
Facility: National Building Museum (Pension Building)
Project Site: Southeast Parking Lot
Status: Fully Funded
FY Complete: 2003
POC Name: Janet Kenoyer/GSA Horticulturist
POC Phone: 202-260-5253
POC E-Mail: janet.kenoyer@gsa.gov

Project ID: 35
ProjectTitle: Bioretention Strip (Low Impact Development Feature)
Agency: General Services Administration
Facility: Southeast Federal Center
Project Site: Anacostia River frontage
Status: Fully Funded
FY Complete: 2002
POC Name: Pat Daniels/Senior Project Manager
POC Phone: (202)205-5857
POC E-Mail: pat.daniels@gsa.gov

Project ID: 37
ProjectTitle: Environmentally Beneficial Landscaping Program
Agency: General Services Administration
Facility: NA
Project Site: National Capital Region
Status: Fully Funded
FY Complete:
POC Name: Janet Kenoyer/Horticulturist
POC Phone: (202)260-5253
POC E-Mail: janet.kenoyer@gsa.gov

Project ID: 38
ProjectTitle: Stormwater Management Plan
Agency: General Services Administration
Facility: NA
Project Site: National Capital Region
Status: Fully Funded
FY Complete: 2000
POC Name: Kelly Holland
POC Phone: (202)708-5255
POC E-Mail: kelly.holland@gsa.gov

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 12
ProjectTitle: Space Science Building
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 13
ProjectTitle: Landfill B
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 14
ProjectTitle: Pistol/Rifle Range Remediation
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete: 2001
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 15
ProjectTitle: Farm House Remediation
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete: 2001
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 16
ProjectTitle: Wildlife Management
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Unfunded
FY Complete:
POC Name: Darlene Squibb
POC Phone: 301-286-6137
POC E-Mail:

Project ID: 17
ProjectTitle: Barley Bales
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

Project ID: 18
ProjectTitle: Natural Resource Management
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Darlene Squibb
POC Phone: 301-286-6137
POC E-Mail:

Project ID: 19
ProjectTitle: Storm Water Managment/Low Impact Development Areas
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Beth Montgomery
POC Phone: 301-286-0469
POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 26
ProjectTitle: Design and Construction of Installation of of Sewer Line at Kenilworth Maintenance Facility
Agency: National Park Service
Facility: Kenilworth Maintenance Facility
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Frank Young/Maintenance Chief
POC Phone: 202-690-5183
POC E-Mail: frank_young@nps.gov

Project ID: 69
ProjectTitle: Riparian Buffer Zone creation at various locations at Fort Myer
Agency: U.S. Army
Facility: Fort Myer
Project Site: five stormwater outfalls
Status: Fully Funded
FY Complete: 2004
POC Name: John Bowman
POC Phone: 703-696-8055
POC E-Mail: BowmanJR@fmmc.army.mil

Project ID: 2
ProjectTitle: Lower Anacostia Park Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Pope Branch, Lower Anacostia Park
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 9
ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Fort Dupont and Fort Chaplin Creeks
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 29
ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Kingman and Heritage Islands
Status: Partially Funded
FY Complete:
POC Name: Susan Hughes
POC Phone: 410-962-4995
POC E-Mail: susan.b.hughes@usace.army.mil

Project ID: 30
ProjectTitle: Approval of DC Water and Sewer Authority (DCWASA) Long Term Control Plan
Agency: U.S. Environmental Protection Agency
Facility:
Project Site: All District of Columbia pervious areas
Status: Partially Funded
FY Complete:
POC Name: Lee Murphy
POC Phone: (215) 814-5760
POC E-Mail: murphy.lee@epa.gov

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 31
ProjectTitle: Chesapeake Bay Urban Stormwater Initiative
Agency: U.S. Environmental Protection Agency
Facility: Watershed-wide federal facilities
Project Site: Watershed-wide
Status: Partially Funded
FY Complete:
POC Name: Kelly Shenk
POC Phone: (410) 267-5728
POC E-Mail: shenk.kelly@epa.gov

Project ID: 33
ProjectTitle: Potomac-Anacostia River Flagging Project
Agency: U.S. Environmental Protection Agency
Facility: none
Project Site: Anacostia River
Status: Fully Funded
FY Complete:
POC Name: Reggie Parrish
POC Phone: (202) 566-1396
POC E-Mail: parrish.reginald@epa.gov

Project ID: 73
ProjectTitle: A Toxics Management Strategy for the Anacostia River
Agency: U.S. Environmental Protection Agency
Facility: all
Project Site: River and tributaries
Status: Partially Funded
FY Complete:
POC Name: Nck Dinardo
POC Phone: (215) 814-3365
POC E-Mail: dinardo.nicholas@epa.gov

Project ID: 20
ProjectTitle: Tumors and biomarkers of exposure in brown bullheads from the Anacostia River, Washington, DC a
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Tidal Anacostia River, Washington, DC
Status: Fully Funded
FY Complete: 2003
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 21
ProjectTitle: Using the sediment quality triad to characterize baseline conditions in the Anacostia River, Washing
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Tidal Anacostia River
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

Project ID: 22
ProjectTitle: Seasonal movement patterns, home ranges, and habitat use of the brown bullhead in the Anacostia
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Tidal Anacostia River
Status: Fully Funded
FY Complete: 2002
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 23
ProjectTitle: Contaminant Monitoring in the Kingman Lake Restored Wetland
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Kingman Lake
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

Project ID: 24
ProjectTitle: Larval fish toxicity studies in the Anacostia River
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Anacostia R. from Bladensburg to mouth
Status: Fully Funded
FY Complete: 2002
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

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1. Reduce pollutant loads

Project ID: 25
ProjectTitle: Assessing the bioavailability of organic contaminants in the Anacostia River using semi-permeable
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Anacostia R. from NE and NW Branch to river mouth
Status: Fully Funded
FY Complete: 2003
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 39
ProjectTitle: Hickey Run Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: National Arboretum & upper watershed
Project Site: Hickey Run
Status: Partially Funded
FY Complete:
POC Name: Richard Starr
POC Phone: (410) 573-4518
POC E-Mail: Rich_Starr@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

Project ID: 68
ProjectTitle: Potomac Watershed Partnership
Agency: U.S. Forest Service
Facility: Various
Project Site: Watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Ali McKechie@potomac.org
POC Phone: 703-222-6154
POC E-Mail: potomacpartnership@msn.com

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1. Reduce pollutant loads

Project ID: 3
ProjectTitle: Monitor Progress of Kingman Marsh Restoration - Vegetation and Soils
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman Marsh
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 6
ProjectTitle: Monitoring Benthic Organisms
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman/Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 70
ProjectTitle: Hydrogeology and Ground-Water Quality of the Anacostia River Watershed, Washington, D.C.
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Lower tidal Anacostia River
Status: Fully Funded
FY Complete:
POC Name: Cheryl Klohe
POC Phone: 301-497-5555
POC E-Mail:

Project ID: 71
ProjectTitle: Discrete and Continuous Water-Quality Monitoring for Nutrients, Sediment, Metals, Bacteria, and Or
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Riverdale and Hyattsville
Status: Fully Funded
FY Complete:
POC Name: Brenda Majedi
POC Phone: 301-497-5555
POC E-Mail:

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1. Reduce pollutant loads

Project ID: 41
ProjectTitle: Storm Water Pollution Prevention Plan (SWPPP)
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog. Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 42
ProjectTitle: NPDES Permit and associated Water Quality Monitoring
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 43
ProjectTitle: Upgrade of Aboveground Storage Tanks (ASTs)
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 44
ProjectTitle: Illicit Discharge Survey Update
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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May 2003

1. Reduce pollutant loads

Project ID: 45
ProjectTitle: Low Impact Development
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 46
ProjectTitle: Storm Water Pollution Prevention Plan (SWPPP) - Revision
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 47
ProjectTitle: RCRA Facility Investigation
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 48
ProjectTitle: NPDES Permit and associated Water Quality Monitoring
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

1. Reduce pollutant loads

Project ID: 49
ProjectTitle: Illicit Discharge Survey Update
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 50
ProjectTitle: Upgrade of Aboveground Storage Tanks (ASTs)
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 51
ProjectTitle: Storm Sewer Rehabilitation Project
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 52
ProjectTitle: Low Impact Development
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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1. Reduce pollutant loads

Project ID: 53
ProjectTitle: Bioretention cells
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 54
ProjectTitle: Permeable Pavers
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 55
ProjectTitle: Tree box
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2002
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 56
ProjectTitle: Rain garden
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2002
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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1. Reduce pollutant loads

Project ID: 57
ProjectTitle: Sand Filters
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 58
ProjectTitle: Building 183 LID
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 59
ProjectTitle: Building 211 LID
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 60
ProjectTitle: Building 22 LID
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2003
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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1. Reduce pollutant loads

Project ID: 61
ProjectTitle: LID Maintenance
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 62
ProjectTitle: Storm Drain Maintenance
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 63
ProjectTitle: Sand Filter Maintenance
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 64
ProjectTitle: Building 118 - IR project
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2000
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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2. Protect/restore ecological integrity

Project ID: 36
ProjectTitle: Sustainable Design Program
Agency: General Services Administration
Facility: NA
Project Site: National Capital Region
Status: Unfunded
FY Complete:
POC Name: Michael Carter
POC Phone: (202)708-6950
POC E-Mail: michael.carter@gsa.gov

Project ID: 18
ProjectTitle: Natural Resource Management
Agency: National Aeronautics and Space Administration
Facility: GSFC
Project Site: GSFC/Greenbelt
Status: Fully Funded
FY Complete:
POC Name: Darlene Squibb
POC Phone: 301-286-6137
POC E-Mail:

Project ID: 8
ProjectTitle: Anacostia East Wetland Mitigation Site
Agency: National Oceanic and Atmospheric Administration
Facility: No
Project Site: Hyattsville, mainstem east bank north of Rte. 50
Status: Unfunded
FY Complete:
POC Name: Alyce Fritz
POC Phone: 206 526-6305
POC E-Mail: alyce.fritz@noaa.gov

Project ID: 27
ProjectTitle: Kenilworth Marsh Interpretive Boardwalk ("Additive A")
Agency: National Park Service
Facility: Kenilworth Aqautic Gardens
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Stephen Syphax
POC Phone: 202-690-5160
POC E-Mail: stephen_syphax@nps.gov

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2. Protect/restore ecological integrity

Project ID: 28
ProjectTitle: Anacostia Park General Management Plan (GMP)
Agency: National Park Service
Facility: National Capital Parks-East
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Stephen Syphax
POC Phone: 202-690-5160
POC E-Mail: stephen_syphax@nps.gov

Project ID: 69
ProjectTitle: Riparian Buffer Zone creation at various locations at Fort Myer
Agency: U.S. Army
Facility: Fort Myer
Project Site: five stormwater outfalls
Status: Fully Funded
FY Complete: 2004
POC Name: John Bowman
POC Phone: 703-696-8055
POC E-Mail: BowmanJR@fmmc.army.mil

Project ID: 1
ProjectTitle: Lower Kingman Island Section 1135
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Lower Kingman Island near RFK Stadium, DC
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 2
ProjectTitle: Lower Anacostia Park Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Pope Branch, Lower Anacostia Park
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

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2. Protect/restore ecological integrity

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 9
ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Fort Dupont and Fort Chaplin Creeks
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 10
ProjectTitle: Paint Branch Fish Passage and Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: College Park and Beltsville, MD
Status: Partially Funded
FY Complete:
POC Name: Cheryl Janiszewski
POC Phone: 410-962-6133
POC E-Mail: cheryl.l.janiszewski@usace.army.mil

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2. Protect/restore ecological integrity

Project ID: 29
ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Kingman and Heritage Islands
Status: Partially Funded
FY Complete:
POC Name: Susan Hughes
POC Phone: 410-962-4995
POC E-Mail: susan.b.hughes@usace.army.mil

Project ID: 30
ProjectTitle: Approval of DC Water and Sewer Authority (DCWASA) Long Term Control Plan
Agency: U.S. Environmental Protection Agency
Facility:
Project Site: All District of Columbia pervious areas
Status: Partially Funded
FY Complete:
POC Name: Lee Murphy
POC Phone: (215) 814-5760
POC E-Mail: murphy.lee@epa.gov

Project ID: 31
ProjectTitle: Chesapeake Bay Urban Stormwater Initiative
Agency: U.S. Environmental Protection Agency
Facility: Watershed-wide federal facilities
Project Site: Watershed-wide
Status: Partially Funded
FY Complete:
POC Name: Kelly Shenk
POC Phone: (410) 267-5728
POC E-Mail: shenk.kelly@epa.gov

Project ID: 33
ProjectTitle: Potomac-Anacostia River Flagging Project
Agency: U.S. Environmental Protection Agency
Facility: none
Project Site: Anacostia River
Status: Fully Funded
FY Complete:
POC Name: Reggie Parrish
POC Phone: (202) 566-1396
POC E-Mail: parrish.reginald@epa.gov

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2. Protect/restore ecological integrity

Project ID: 73
ProjectTitle: A Toxics Management Strategy for the Anacostia River
Agency: U.S. Environmental Protection Agency
Facility: all
Project Site: River and tributaries
Status: Partially Funded
FY Complete:
POC Name: Nck Dinardo
POC Phone: (215) 814-3365
POC E-Mail: dinardo.nicholas@epa.gov

Project ID: 20
ProjectTitle: Tumors and biomarkers of exposure in brown bullheads from the Anacostia River, Washington, DC a
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Tidal Anacostia River, Washington, DC
Status: Fully Funded
FY Complete: 2003
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

Project ID: 21
ProjectTitle: Using the sediment quality triad to characterize baseline conditions in the Anacostia River, Washing
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Tidal Anacostia River
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

Project ID: 22
ProjectTitle: Seasonal movement patterns, home ranges, and habitat use of the brown bullhead in the Anacostia
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Tidal Anacostia River
Status: Fully Funded
FY Complete: 2002
POC Name: Fred Pinkney/Sr. Scientist
POC Phone: 410-573-4519
POC E-Mail: Fred_Pinkney@fws.gov

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2. Protect/restore ecological integrity

Project ID: 23
ProjectTitle: Contaminant Monitoring in the Kingman Lake Restored Wetland
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Kingman Lake
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

Project ID: 39
ProjectTitle: Hickey Run Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: National Arboretum & upper watershed
Project Site: Hickey Run
Status: Partially Funded
FY Complete:
POC Name: Richard Starr
POC Phone: (410) 573-4518
POC E-Mail: Rich_Starr@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

Project ID: 65
ProjectTitle: Riparian Forest Buffer Planting
Agency: U.S. Forest Service
Facility: Various
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Strang
POC Phone: 410-260-8509
POC E-Mail: astrang@dnr.state.md.us

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2. Protect/restore ecological integrity

Project ID: 68
ProjectTitle: Potomac Watershed Partnership
Agency: U.S. Forest Service
Facility: Various
Project Site: Watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Ali McKechie@potomac.org
POC Phone: 703-222-6154
POC E-Mail: potomacpartnership@msn.com

Project ID: 3
ProjectTitle: Monitor Progress of Kingman Marsh Restoration - Vegetation and Soils
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman Marsh
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 6
ProjectTitle: Monitoring Benthic Organisms
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman/Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 7
ProjectTitle: Avi-fauna monitoring at Reconstructed Sites in the Tidal Anacostia
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman and Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

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2. Protect/restore ecological integrity

Project ID: 71
ProjectTitle: Discrete and Continuous Water-Quality Monitoring for Nutrients, Sediment, Metals, Bacteria, and Or
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Riverdale and Hyattsville
Status: Fully Funded
FY Complete:
POC Name: Brenda Majedi
POC Phone: 301-497-5555
POC E-Mail:

Project ID: 42
ProjectTitle: NPDES Permit and associated Water Quality Monitoring
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 45
ProjectTitle: Low Impact Development
Agency: U.S. Navy
Facility: Anacostia Annex
Project Site: Anacostia, Washington DC
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 52
ProjectTitle: Low Impact Development
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Unfunded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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2. Protect/restore ecological integrity

Project ID: 53
ProjectTitle: Bioretention cells
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 54
ProjectTitle: Permeable Pavers
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 55
ProjectTitle: Tree box
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2002
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 56
ProjectTitle: Rain garden
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2002
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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2. Protect/restore ecological integrity

Project ID: 57
ProjectTitle: Sand Filters
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2001
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 58
ProjectTitle: Building 183 LID
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 59
ProjectTitle: Building 211 LID
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete:
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

Project ID: 60
ProjectTitle: Building 22 LID
Agency: U.S. Navy
Facility: Washington Navy Yard
Project Site: Washington DC, SE
Status: Fully Funded
FY Complete: 2003
POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
POC Phone: 202-433-6710
POC E-Mail: krista.grigg@navy.mil

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3. Fish Passage

Project ID: 8
ProjectTitle: Anacostia East Wetland Mitigation Site
Agency: National Oceanic and Atmospheric Administration
Facility: No
Project Site: Hyattsville, mainstem east bank north of Rte. 50
Status: Unfunded
FY Complete:
POC Name: Alyce Fritz
POC Phone: 206 526-6305
POC E-Mail: alyce.fritz@noaa.gov

Project ID: 2
ProjectTitle: Lower Anacostia Park Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Pope Branch, Lower Anacostia Park
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

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3. Fish Passage

Project ID: 9
ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Fort Dupont and Fort Chaplin Creeks
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 10
ProjectTitle: Paint Branch Fish Passage and Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: College Park and Beltsville, MD
Status: Partially Funded
FY Complete:
POC Name: Cheryl Janiszewski
POC Phone: 410-962-6133
POC E-Mail: cheryl.l.janiszewski@usace.army.mil

Project ID: 39
ProjectTitle: Hickey Run Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: National Arboretum & upper watershed
Project Site: Hickey Run
Status: Partially Funded
FY Complete:
POC Name: Richard Starr
POC Phone: (410) 573-4518
POC E-Mail: Rich_Starr@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

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4. Restore wetlands

Project ID: 8
ProjectTitle: Anacostia East Wetland Mitigation Site
Agency: National Oceanic and Atmospheric Administration
Facility: No
Project Site: Hyattsville, mainstem east bank north of Rte. 50
Status: Unfunded
FY Complete:
POC Name: Alyce Fritz
POC Phone: 206 526-6305
POC E-Mail: alyce.fritz@noaa.gov

Project ID: 1
ProjectTitle: Lower Kingman Island Section 1135
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Lower Kingman Island near RFK Stadium, DC
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 2
ProjectTitle: Lower Anacostia Park Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Pope Branch, Lower Anacostia Park
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

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4. Restore wetlands

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 9
ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Fort Dupont and Fort Chaplin Creeks
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 11
ProjectTitle: Heritage Island Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Heritage Island in Kingman Lake
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 29
ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Kingman and Heritage Islands
Status: Partially Funded
FY Complete:
POC Name: Susan Hughes
POC Phone: 410-962-4995
POC E-Mail: susan.b.hughes@usace.army.mil

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4. Restore wetlands

Project ID: 73
ProjectTitle: A Toxics Management Strategy for the Anacostia River
Agency: U.S. Environmental Protection Agency
Facility: all
Project Site: River and tributaries
Status: Partially Funded
FY Complete:
POC Name: Nck Dinardo
POC Phone: (215) 814-3365
POC E-Mail: dinardo.nicholas@epa.gov

Project ID: 23
ProjectTitle: Contaminant Monitoring in the Kingman Lake Restored Wetland
Agency: U.S. Fish and Wildlife Service
Facility:
Project Site: Kingman Lake
Status: Fully Funded
FY Complete: 2003
POC Name: Beth McGee/Program Leader
POC Phone: 410-573-4524
POC E-Mail: Beth_McGee@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

Project ID: 65
ProjectTitle: Riparian Forest Buffer Planting
Agency: U.S. Forest Service
Facility: Various
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Strang
POC Phone: 410-260-8509
POC E-Mail: astrang@dnr.state.md.us

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4. Restore wetlands

Project ID: 68
ProjectTitle: Potomac Watershed Partnership
Agency: U.S. Forest Service
Facility: Various
Project Site: Watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Ali McKechie@potomac.org
POC Phone: 703-222-6154
POC E-Mail: potomacpartnership@msn.com

Project ID: 3
ProjectTitle: Monitor Progress of Kingman Marsh Restoration - Vegetation and Soils
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman Marsh
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 6
ProjectTitle: Monitoring Benthic Organisms
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman/Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 7
ProjectTitle: Avi-fauna monitoring at Reconstructed Sites in the Tidal Anacostia
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman and Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

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5. Expand Forest Cover

Project ID: 1
ProjectTitle: Lower Kingman Island Section 1135
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Lower Kingman Island near RFK Stadium, DC
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 29
ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Kingman and Heritage Islands
Status: Partially Funded
FY Complete:
POC Name: Susan Hughes
POC Phone: 410-962-4995
POC E-Mail: susan.b.hughes@usace.army.mil

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

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5. Expand Forest Cover

Project ID: 39
ProjectTitle: Hickey Run Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: National Arboretum & upper watershed
Project Site: Hickey Run
Status: Partially Funded
FY Complete:
POC Name: Richard Starr
POC Phone: (410) 573-4518
POC E-Mail: Rich_Starr@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

Project ID: 65
ProjectTitle: Riparian Forest Buffer Planting
Agency: U.S. Forest Service
Facility: Various
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Strang
POC Phone: 410-260-8509
POC E-Mail: astrang@dnr.state.md.us

Project ID: 66
ProjectTitle: Urban Forestry Technical Assistance
Agency: U.S. Forest Service
Facility: Any
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Cumming
POC Phone: 304-285-1504
POC E-Mail: acumming@fs.fed.us

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

5. Expand Forest Cover

Project ID: 67
ProjectTitle: Growing Native Seed Collection
Agency: U.S. Forest Service
Facility: Public Parks and Facilities and Private lands
Project Site: wateshed-wide
Status: Fully Funded
FY Complete: 2005
POC Name: Sally Claggett
POC Phone: 410-267-5706
POC E-Mail: sclaggett@fs.fed.us

Project ID: 68
ProjectTitle: Potomac Watershed Partnership
Agency: U.S. Forest Service
Facility: Various
Project Site: Watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Ali McKechie@potomac.org
POC Phone: 703-222-6154
POC E-Mail: potomacpartnership@msn.com

Project ID: 3
ProjectTitle: Monitor Progress of Kingman Marsh Restoration - Vegetation and Soils
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman Marsh
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 7
ProjectTitle: Avi-fauna monitoring at Reconstructed Sites in the Tidal Anacostia
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman and Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick Hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

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6. Public awareness and participation

Project ID: 8
ProjectTitle: Anacostia East Wetland Mitigation Site
Agency: National Oceanic and Atmospheric Administration
Facility: No
Project Site: Hyattsville, mainstem east bank north of Rte. 50
Status: Unfunded
FY Complete:
POC Name: Alyce Fritz
POC Phone: 206 526-6305
POC E-Mail: alyce.fritz@noaa.gov

Project ID: 27
ProjectTitle: Kenilworth Marsh Interpretive Boardwalk ("Additive A")
Agency: National Park Service
Facility: Kenilworth Aqautic Gardens
Project Site: Anacostia Park
Status: Fully Funded
FY Complete:
POC Name: Stephen Syphax
POC Phone: 202-690-5160
POC E-Mail: stephen_syphax@nps.gov

Project ID: 1
ProjectTitle: Lower Kingman Island Section 1135
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Lower Kingman Island near RFK Stadium, DC
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 2
ProjectTitle: Lower Anacostia Park Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Pope Branch, Lower Anacostia Park
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

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6. Public awareness and participation

Project ID: 4
ProjectTitle: Anacostia Watershed Restoration Phase 1
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Montgomery County, District of Columbia
Status: Fully Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 5
ProjectTitle: Northwest Branch Stream Restoration, Section 206
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Northwest Branch
Status: Partially Funded
FY Complete:
POC Name: Claire O'Neill
POC Phone: 410-962-0876
POC E-Mail: claire.d.o'neill@usace.army.mil

Project ID: 9
ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Fort Dupont and Fort Chaplin Creeks
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 10
ProjectTitle: Paint Branch Fish Passage and Stream Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: College Park and Beltsville, MD
Status: Partially Funded
FY Complete:
POC Name: Cheryl Janiszewski
POC Phone: 410-962-6133
POC E-Mail: cheryl.l.janiszewski@usace.army.mil

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6. Public awareness and participation

Project ID: 11
ProjectTitle: Heritage Island Restoration
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Heritage Island in Kingman Lake
Status: Partially Funded
FY Complete:
POC Name: Stacey Sloan Blersch
POC Phone: 410-962-5196
POC E-Mail: stacey.s.blersch@usace.army.mil

Project ID: 29
ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study
Agency: U.S. Army Corps of Engineers
Facility: n/a
Project Site: Kingman and Heritage Islands
Status: Partially Funded
FY Complete:
POC Name: Susan Hughes
POC Phone: 410-962-4995
POC E-Mail: susan.b.hughes@usace.army.mil

Project ID: 39
ProjectTitle: Hickey Run Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: National Arboretum & upper watershed
Project Site: Hickey Run
Status: Partially Funded
FY Complete:
POC Name: Richard Starr
POC Phone: (410) 573-4518
POC E-Mail: Rich_Starr@fws.gov

Project ID: 40
ProjectTitle: Watts Branch Stream Assessment
Agency: U.S. Fish and Wildlife Service
Facility: Kenilworth Park
Project Site: Watts Branch
Status: Partially Funded
FY Complete: 2002
POC Name: Christopher Eng
POC Phone: (410) 573-4579
POC E-Mail: Chris_Eng@fws.gov

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

6. Public awareness and participation

Project ID: 65
ProjectTitle: Riparian Forest Buffer Planting
Agency: U.S. Forest Service
Facility: Various
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Strang
POC Phone: 410-260-8509
POC E-Mail: astrang@dnr.state.md.us

Project ID: 66
ProjectTitle: Urban Forestry Technical Assistance
Agency: U.S. Forest Service
Facility: Any
Project Site: watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Anne Cumming
POC Phone: 304-285-1504
POC E-Mail: acumming@fs.fed.us

Project ID: 67
ProjectTitle: Growing Native Seed Collection
Agency: U.S. Forest Service
Facility: Public Parks and Facilities and Private lands
Project Site: wateshed-wide
Status: Fully Funded
FY Complete: 2005
POC Name: Sally Claggett
POC Phone: 410-267-5706
POC E-Mail: sclaggett@fs.fed.us

Project ID: 68
ProjectTitle: Potomac Watershed Partnership
Agency: U.S. Forest Service
Facility: Various
Project Site: Watershed-wide
Status: Partially Funded
FY Complete: 2005
POC Name: Ali McKechie@potomac.org
POC Phone: 703-222-6154
POC E-Mail: potomacpartnership@msn.com

2003 Anacostia Federal Biennial Workplan - Summary by AWRC Goal

May 2003

6. Public awareness and participation

Project ID: 6
ProjectTitle: Monitoring Benthic Organisms
Agency: U.S. Geological Survey
Facility: n/a
Project Site: Kingman/Kenilworth Marshes
Status: Partially Funded
FY Complete: 2002
POC Name: Dr. Dick hammerschlag/Research Biologist
POC Phone: 301-497-5555
POC E-Mail: richard_hammerschlag@usgs.gov

Project ID: 72
ProjectTitle: Discharge Gage Sites
Agency: U.S. Geological Survey
Facility: n/a
Project Site: various locations
Status: Fully Funded
FY Complete:
POC Name: Bob James
POC Phone: 301-497-5555
POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

General Services Administration

Project Information

Project ID: 34

ProjectTitle: Bioretention Cell

Partners: Low Impact Development Center, Inc.

Facility National Building Museum (Pension Building)

Site: Southeast Parking Lot

LID Project Yes

Description: Installation of a 196 square feet (14'x14') bioretention cell, installed as part of perimeter parking lot landscape renovation. Objectives of the installation include: retrofitting an existing parking lot with a natural treatment system to improve water quality of surface runoff by filtering and treating pollutants (oil and grease; copper, lead, zinc; phosphorus and nitrogen; suspended solids); increase on-site infiltration; minimize potable water consumption (irrigation requirements); and reduce runoff volume and peak runoff rates.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2002

FY Complete 2003

Point of Contact Information

POC Name: Janet Kenoyer/GSA Horticulturist

POC Phone: 202-260-5253

POC E-Mail: janet.kenoyer@gsa.gov

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

General Services Administration

Project Information

Project ID: 35

ProjectTitle: Bioretention Strip (Low Impact Development Feature)

Partners: Low Impact Development Center, Inc.

Facility Southeast Federal Center

Site: Anacostia River frontage

LID Project Yes

Description: GSA developed a strategy to provide interim water quality improvements using LID techniques for the green space that runs along the Anacostia river (seawall). This green space is approximately 40 feet wide by 1,500 feet long.

Previous site designs had included a series of sand filters for treating sheet flow from the parking and impervious areas that are located on the 55 acre site. The LID alternative was to place a bioretention "strip" along the seawall, using underdrains, gravel, and composted/organic-amended soil. The soil mixture acts as biofilter to treat sheet flow and help store and reduce runoff volume. The underdrains were installed for additional drainage capacity. The underdrains can be used as sampling ports for water quality monitoring. Additional features include shallow depressions and plantings.

This approach eliminated the need to construct the expensive sand filters and a portion of the permanent storm drain infrastructure that was required to meet the District of Columbia Department of Health (DCDOH) storm water management requirements. The project team met with the DOH and gained approval for this approach.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Total phosphorus and total nitrogen
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2002

FY Complete 2002

Point of Contact Information

May 2003

General Services Administration

POC Name: Pat Daniels/Senior Project Manager
POC Phone: (202)205-5857
POC E-Mail: pat.daniels@gsa.gov

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

General Services Administration

Project Information

Project ID: 36

ProjectTitle: Sustainable Design Program

Partners: US Green Buildings Council

Facility NA

Site: National Capital Region

LID Project Yes

Description: The National Capital Region has made the commitment that they will strive to meet the LEED "Silver Level" rating for all new buildings beginning with the FY2002 planning cycle. Various aspects of the LEED/Sustainable Design program include sound land use principles such as recycling, minimizing natural area lost, minimizing site disturbance (development footprint), innovative stormwater management techniques, beneficial landscaping, energy conservation, etc.

AWRC Goals

Protect/restore ecological integrity

- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls

C2K Goals

- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Unfunded

Impact: N/A

Comment:

FY Funded:

FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

General Services Administration

Project Information

Project ID: 37

ProjectTitle: Environmentally Beneficial Landscaping Program

Partners:

Facility NA

Site: National Capital Region

LID Project Yes

Description: GSA has a strong "sustainable" landscaping program. The program integrates low mainenance plants to creat a self-sustaining system, resembling a natural ecosystem. Require less labor, water, fertilizers, herbicides, and insecticides. Additionally, ALL GSA landscaping projects are approached as an opportunity to perform low impact development techniques. Bioretention cells are planned for three (3) facilites in FY 03 during landscaping retrofits.

AWRC Goals

Reduce pollutant loads

- ☑ Total phosphorus and total nitrogen

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

General Services Administration

Project Information

Project ID: 38

ProjectTitle: Stormwater Management Plan

Partners:

Facility NA

Site: National Capital Region

LID Project Yes

Description: GSA developed a "region-wide" stormwater management plan, designed to be a training and reference tool for compliance. The Plan summarizes applicable regulations, lists current problems, and details Best Management Practices (BMPs). The intended audience of the Plan is GSA Project and Buildings Managers. Basically, it answers the questions "what are you required to do and why?" and "How can you go beyond basic compliance." BMPs discussed in the Plan run the gamut from good housekeeping practices, to implementing low impact development technologies.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Total phosphorus and total nitrogen
- ☑ Trash index and quantity or trash removed

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete 2000

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

General Services Administration

Project Information

Project ID: 12
ProjectTitle: Space Science Building
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project Yes
Description: GSFC is using a sustainable development approach for the planning and construction of a new building. We are pursuing a Silver LEED rating.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete

Point of Contact Information

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POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 13

ProjectTitle: Landfill B

Partners:

Facility GSFC

Site: GSFC/Greenbelt

LID Project No

Description: GSFC is working to obtain a "No Further Action' on landfill B. As part of this an embankment will be stabilized. Planning is being done on a building which will have a parking lot on teh landfill, creating an impermeable barrier.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Beth Montgomery

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POC E-Mail:

May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 14
ProjectTitle: Pistol/Rifle Range Remediation
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project Yes
Description: Remediation of lead contamination at a pistol and rifle range.

Note: Cost also include farmhouse work.

AWRC Goals

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2001

Point of Contact Information

POC Name: Beth Montgomery
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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 15
ProjectTitle: Farm House Remediation
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project No
Description: Remediation of lead contamination at an old farmhouse.

Note: Cost also includes pistol/rifle range work.

AWRC Goals

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2001

Point of Contact Information

POC Name: Beth Montgomery
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POC E-Mail:

May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 16
ProjectTitle: Wildlife Management
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project No
Description: GSFC is implementing wildlife management techniques for deer,geese, and beaver.

AWRC Goals

Reduce pollutant loads

- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Biochemical oxygen demand

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Unfunded
Impact: Other
Comment:
FY Funded:
FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 17
ProjectTitle: Barley Bales
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project No
Description: Uisng barley bales in main pond to control algae

AWRC Goals

Reduce pollutant loads

- ☑ Dissolved oxygen
- ☑ Biochemical oxygen demand

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete

Point of Contact Information

POC Name: Beth Montgomery
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POC E-Mail:

May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 18
ProjectTitle: Natural Resource Management
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project No
Description: GSFC is in the process of establishing a natural resources management plan. Studies are being conducted to get a baseline of our natural resources and problem areas. This information will be used in the development of restoration and management activities.

AWRC Goals

Protect/restore ecological integrity

- ☑ Resident fish community health

Reduce pollutant loads

- ☑ Total suspended solids

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete

Point of Contact Information

POC Name: Darlene Squibb
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May 2003

National Aeronautics and Space Administration

Project Information

Project ID: 19
ProjectTitle: Storm Water Managment/Low Impact Development Areas
Partners:
Facility GSFC
Site: GSFC/Greenbelt
LID Project Yes
Description: GSFC is looking at using bioretention areas at parking lots and improving our stormwater management and SWP2 activites.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete

Point of Contact Information

POC Name: Beth Montgomery
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May 2003

National Oceanic and Atmospheric Administration

Project Information

Project ID: 8

ProjectTitle: Anacostia East Wetland Mitigation Site

Partners: US EPA, MD State Higway Adminstration, MD - National Capital Park and Planning Commission

Facility No

Site: Hyattsville, mainstem east bank north of Rte. 50

LID Project No

Description: NOAA has been funded by EPA, and in cooperation with the MD SHA and M-NCPPC, to prepare designs for wetland restoration at the site. This project is being conducted under permit for the Woodrow Wilson Bridge reconstruction as partial mitigation. Approximately 15 acres of Phragmites will be eradicated and enhanced. Approximately another 15 acres of wetland will be created in upland fill areas. The primary goal is to create tidal wetland to function as fish habitat. As the landowner, M-NCPPC may also construct various improvements within the upland portion of the overall site boundary, such as one portion of the Anacostia Heritage Trail.

AWRC Goals

Fish Passage

- ☑ Percent anadromous fish habitat utilization

Protect/restore ecological integrity

- ☑ Macroinvertebrate community health
- ☑ Stream miles restored
- ☑ Submerged aquatic vegetation

Public awareness and participation

- ☑ DC Anacostia hiker-biker trail and usage
- ☑ Government by example

Restore wetlands

- ☑ Created/restored tidal wetland acreage

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)

Project Status

Status: Unfunded

Impact: Other

Comment: The wetland design phase has been funded, as has been the cost of earth moving. The actual wetland restoration, planting, monitoring, and maintenance are at risk. Future site enhancements, such as a dock, are anticipated, but assume that M-NCPPC will secure adequate funding and complete these elements.

FY Funded: 2002

FY Complete

Point of Contact Information

May 2003

National Oceanic and Atmospheric Administration

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May 2003

National Park Service

Project Information

Project ID: 26

ProjectTitle: Design and Construction of Installation of of Sewer Line at Kenilworth Maintenance Facility

Partners:

Facility Kenilworth Maintenance Facility

Site: Anacostia Park

LID Project No

Description: The existing septic tank is a 1000-gallon steel underground tank, located in the center of the maintenance yard between the two main structures. The tanks Pump Out tube is located just below the finished asphalt grade underneath a metal access plate. The tank will have to be removed after the asphalt drive is cut to an acceptable size to gain full access. Once the tank has been extracted from the ground it must be disposed of in an appropriate and safe manner. All necessary environmental needs are to be addressed if tank shows signs of past leakage (contaminated soil removal and or backfill). The new city sewer line will be connected at point where all sewer lines tied in the old septic tank. This sewer line will run from a location specified by the District of Columbia Water and Sewer Authority (WASA), and in accordance with their guidelines and regulations.

The means of sewer disposal for the Kenilworth Maintenance Facility located at 3200 Benning Rd. N.E. is a 1000 gallon underground steel septic holding tank which has to be pumped by an outside contractor weekly. This holding tank is approximately 25 years old and its' condition is unknown. This facility accommodates approximately 50 employees daily with additional visitors and employees from other sites coming in to use the facility, thus creating a fairly high volume of waste water and sewer usage. Considering the age of this tank system and its unknown history and condition, it is recommended that it be removed and that city sewer lines be installed at this facility.

AWRC Goals

Reduce pollutant loads

- ☑ Total phosphorus and total nitrogen
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Biochemical oxygen demand
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

May 2003

National Park Service

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

National Park Service

Project Information

Project ID: 27

ProjectTitle: Kenilworth Marsh Interpretive Boardwalk ("Additive A")

Partners: The District of Columbia (Departments of Recreation & Parks and Public Works), and the Federal Hi

Facility Kenilworth Aqautic Gardens

Site: Anacostia Park

LID Project No

Description: The final section of the Kenilworth Marsh Interpretive Boardwalk is expected to open in Summer of 2003. The new leg of the Boardwalk will run southward approximately 500 linear feet from the main section (Approximately 1151 lenear feet) and will overlook an area of approximately 16-acres of emergent tidal marsh reconstructed in 1993.

This section of the boardwalk was part of the original design and its alignment was developed to minimized fragmentation of the islands and other habitats and to provide views of the various marsh zones, remnant marsh, and reconstructed marsh areas.

AWRC Goals

Protect/restore ecological integrity

- ☑ Recreational use

Public awareness and participation

- ☑ Annual park visitation
- ☑ School activities
- ☑ Stewardship events
- ☑ Restoration Expenditures

C2K Goals

- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

National Park Service

Project Information

Project ID: 28

ProjectTitle: Anacostia Park General Management Plan (GMP)

Partners: The District of Columbia

Facility National Capital Parks-East

Site: Anacostia Park

LID Project No

Description: The National Park Service (NPS) is partnering with the D.C. Office of Planning and others on the Anacostia Waterfront Initiative (AWI). However, the NPS has specific requirements that are part of its management process. The Anacostia Park GMP will focus on the NPS Anacostia properties including the southwest Anacostia waterfront (James Creek and Buzzard Point Marinas) and Kenilworth Park & Aquatic Gardens.

This National Park Service GMP's will direct Anacostia Park management for the next 10 to 15 years. It identifies opportunities for visitors, directs rehabilitation and development of facilities, and protecting and managing the Park's natural and cultural resources. General steps in the management planning process include: Step 1-Understanding the planning context; Step 2-Identifying the issues and questions to be answered; Step 3-Understanding and analyzing existing conditions; Step 4-Identification of management alternatives; Step 5-Evaluation of management alternatives; Step 6-Preparation of the Draft GMP and Environmental Impact Statement (EIS); Step 7-Preparation of the Final GMP and EIS.

The GMP planning team will invite the community to review and comment on findings at public open house meetings during Steps 1 through 5 of the GMP process. Following completion of the Draft GMP and EIS in Step 6, the NPS will conduct a public meeting to solicit public comment on the GMP recommendations.

AWRC Goals

Protect/restore ecological integrity

- ☑ Recreational use

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

May 2003

National Park Service

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

National Park Service

Project Information

Project ID: 69
ProjectTitle: Riparian Buffer Zone creation at various locations at Fort Myer
Partners: None
Facility Fort Myer
Site: five stormwater outfalls
LID Project No
Description: The Fort Myer Military Community has contracted to have highly erodable outfalls stabilized by protecting stream banks with rip-rap and revegetation at approximately 12 locations.

AWRC Goals

Protect/restore ecological integrity

- ☑ Turbidity
- ☑ Resident fish community health
- ☑ Stream miles restored

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded: 2003
FY Complete 2004

Point of Contact Information

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U.S. Army

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 1

ProjectTitle: Lower Kingman Island Section 1135

Partners: District of Columbia

Facility n/a

Site: Lower Kingman Island near RFK Stadium, DC

LID Project No

Description: Kingman Lake was constructed when the Corps of Engineers dredged extensive existing freshwater tidal marsh habitat from the 1920's through the 1930's to create recreational opportunities for area residents. The Lower Kingman Island project will restore approximately 42 acres of non-tidal vernal pool wetlands and associated forest and meadow habitat. The project is expected to provide habitat for migratory birds, and a variety of reptile and amphibian species. The project is currently in the design phase.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Acres of mature hardwood forest
- ☑ Acres of created upland forest
- ☑ Increase total forest as percent of watershed area

Protect/restore ecological integrity

- ☑ Macroinvertebrate community health
- ☑ Percent impervious surface in the watershed
- ☑ Recreational use

Public awareness and participation

- ☑ DC Anacostia hiker-biker trail and usage
- ☑ No. public boat ramps and usage
- ☑ Annual park visitation
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Created/restored non-tidal wetlands
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

May 2003

U.S. Army Corps of Engineers

Project Status

Status: Partially Funded
Impact: Other
Comment:
FY Funded:
FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 2

ProjectTitle: Lower Anacostia Park Stream Restoration

Partners: District of Columbia, National Park Service, WASA

Facility n/a

Site: Pope Branch, Lower Anacostia Park

LID Project No

Description: At present, Lower Anacostia Park is primarily composed of mowed lawns and ball fields, with little habitat value. In addition, Pope Branch is piped directly underneath the park property, and has almost no habitat value and is experiencing significant upstream erosion. The Corps is currently conducting a feasibility study to investigate habitat restoration and enhancement opportunities within the park area. The centerpiece of the proposed restoration is the "daylighting" of the piped sectionof Pope Branch. Combined with upstream habitat and water quality improvements, this would help restore anadromous fish habitat and enhance recreational and educational opportunities. In addition, the Corps is exploring the creation of treatment wetlands to filter runoff from the CSX railroad, which bisects the park, creating riparian corridors, and reforesting sections of the park. The project is expected to reduce sedimentation, hellp filter pollutants, and provide critical habitat to a variety of fish and bird species.

AWRC Goals

Fish Passage

- ☑ Percent historical anadromous fish spawning range open
- ☑ Percent anadromous fish habitat utilization
- ☑ Percent tributary mainstems and major feeder streams open to resident fishes.

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Turbidity
- ☑ pH
- ☑ Macroinvertebrate community health
- ☑ Resident fish community health
- ☑ Stream miles restored
- ☑ Percent of developed land in the watershed with stormwater controls

Public awareness and participation

- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Dissolved oxygen
- ☑ Biochemical oxygen demand

Restore wetlands

U.S. Army Corps of Engineers

- ☑ Created/restored tidal wetland acreage
- ☑ Created/restored non-tidal wetlands
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded
Impact: Other
Comment:
FY Funded:
FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 4

ProjectTitle: Anacostia Watershed Restoration Phase 1

Partners: Montgomery County, Prince George's County, District of Columbia, MNCPPC, National Park Servic

Facility n/a

Site: Montgomery County, District of Columbia

LID Project No

Description: This project is comprised of 13 actions to restore approximately 80 acres of wetlands, restore 5 miles of streams, and create 33 acres of terrestrial habitat. The 13 actions include two wetland restoration projects (Kingman Island and River Fringe), development of 5 stormwater management wetlands, and restoration of six stream reaches (tree plantings, streambank stabilization, and fish habitat structures). Construction was first initiated in FY99 and the projects are being constructed in phases.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Increase total forest as percent of watershed area

Fish Passage

- ☑ Percent anadromous fish habitat utilization
- ☑ Percent tributary mainstems and major feeder streams open to resident fishes.

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Turbidity
- ☑ Macroinvertebrate community health
- ☑ Resident fish community health
- ☑ Stream miles restored
- ☑ Submerged aquatic vegetation
- ☑ Percent of developed land in the watershed with stormwater controls
- ☑ Recreational use

Public awareness and participation

- ☑ DC Anacostia hiker-biker trail and usage
- ☑ Annual park visitation
- ☑ School activities
- ☑ Stewardship events
- ☑ Revitilization expenditures
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Reduce pollutant loads

- ☑ Total suspended solids

- ☑ Total phosphorus and total nitrogen
- ☑ Dissolved oxygen
- ☑ Biochemical oxygen demand
- ☑ Secchi depth
- ☑ Toxics and metals
- ☑ Chlorophyll 'a'

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Created/restored non-tidal wetlands
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded: 1999
FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 5

ProjectTitle: Northwest Branch Stream Restoration, Section 206

Partners: Montgomery County, MNCPPC

Facility n/a

Site: Northwest Branch

LID Project No

Description: The project, which is currently in the design phase, includes 11 restoration areas. It contains three types of actions: stream restoration, riparian buffer enhancement, and vernal pool restoration. The objective of the project is to maximize the variety and stability of the stream and riparian habitat. The stream improvements will lower sediment loads and water temperature, and will increase the density and diversit of aquatic life. Restoration activities will include: (1) enhancing vernal pools, (2) enhancing the stream buffer by restricting livestock access, (3) planting riparian buffers, (4) stabilize eroding streambanks, (5) adding instream habitat structures, (6) enhancing instream and edge habitat, and (7) improving fish passage.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Increase total forest as percent of watershed area

Fish Passage

- ☑ Percent tributary mainstems and major feeder streams open to resident fishes.

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Turbidity
- ☑ Macroinvertebrate community health
- ☑ Resident fish community health
- ☑ Stream miles restored

Public awareness and participation

- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Secchi depth

Restore wetlands

- ☑ Created/restored non-tidal wetlands
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)

U.S. Army Corps of Engineers

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded
Impact: Other
Comment:
FY Funded:
FY Complete

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 9

ProjectTitle: Fort Dupont and Fort Chaplin Creek Restoration

Partners: D.C. Dept of Health

Facility n/a

Site: Fort Dupont and Fort Chaplin Creeks

LID Project No

Description: Both Fort Dupont Creek and Fort Chaplin Creek are degraded tributaries of the Anacostia River, located within the Southeast Quadrant of the District of Columbia. Streambank erosion in both these streams is a significant source of sediment entering the Anacostia. Prior to entering the Anacostia River, both streams are piped and are blocked to anadromous fish.

The Corps and the DC Department of Health have taken a watershed approach to restoring the two stream systems habitat and hydrological conditions. The restoration of Fort Dupont Creek includes restoring the piped section of the creek by 'daylighting' the buried section from below the CSX railroad tracks and into the river. The daylighting portion would create a tidally influenced system consisting of wetlands and a tidal gut. These wetlands are expected to provide habitat for a variety of bird and fish species and help filter sediment and potential contaminants from urban runoff before entering the Anacostia. The daylighting would be in conjunction with upstream habitat improvements using natural stream channel design, bank stabilization, and bioretention/filtration of stormwater. Due to stormwater manipulations of the watershed, Fort Chaplin receives a significant amount of stormwater flows historically received by Fort Dupont. As a result, the creek is severely eroding and cutting into its banks and contributing a significant volume of sediment into the Anacostia River. Stream habitat improvements in Fort Chaplin would consist of reducing stormwater runoff entering the stream, bank stabilization and stream channel restoration. Benefits of these efforts are expected to be increased habitat and reduced contamination within each subwatershed, as well as enhanced recreation within Fort Dupont and Fort Chaplin park systems.

AWRC Goals

Fish Passage

- ☑ Percent historical anadromous fish spawning range open
- ☑ Percent anadromous fish habitat utilization

Protect/restore ecological integrity

- ☑ Stream miles restored
- ☑ Percent of developed land in the watershed with stormwater controls

Public awareness and participation

- ☑ Annual park visitation
- ☑ Stewardship events
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Reduce pollutant loads

- ☑ Total suspended solids

Restore wetlands

- ☑ Created/restored tidal wetland acreage

May 2003

U.S. Army Corps of Engineers

C2K Goals

- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded
Impact:
Comment:
FY Funded:
FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 10

ProjectTitle: Paint Branch Fish Passage and Stream Restoration

Partners: Prince George's County

Facility n/a

Site: College Park and Beltsville, MD

LID Project No

Description: The downstream end of the proposed project site starts where the Paint Branch passes under U.S. Route 1 near the main entrance of the University of Maryland at College Park. The upstream ends of the proposed project site are located at the following two locations: 1) where the mainstem of the Paint Branch passes underneath University Blvd. in College Park, MD; and 2) near where the Little Paint Branch, a tributary to the Paint Branch mainstem, passes under U.S. Route 495 in Beltsville, MD.

The objectives of the proposed project are to provide upstream migration for anadramous fish to their historic ranges and to enhance fish habitat in the Paint and Little Paint Branch sub-watersheds. Historically, anadromous fish species have migrated from the Atlantic Ocean and Chesapeake Bay into the freshwater non-tidal Anacostia River tributaries to spawn. During the past 50 years their annual upstream migrations have been largely prevented by several dozen unintentional and man-made barriers located primarily along the lower portions of various tributaries including the Paint Branch. During the feasibility study, the Corps will evaluate various projects to provide for fish passage and stream restoration.

AWRC Goals

Fish Passage

- ☑ Percent historical anadromous fish spawning range open
- ☑ Percent anadromous fish habitat utilization
- ☑ Percent tributary mainstems and major feeder streams open to resident fishes.

Protect/restore ecological integrity

- ☑ Stream miles restored

Public awareness and participation

- ☑ Stewardship events
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

May 2003

U.S. Army Corps of Engineers

Status: Partially Funded
Impact: Other
Comment:
FY Funded:
FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 11

ProjectTitle: Heritage Island Restoration

Partners: D.C. Department of Health/ Environmental Health Administration

Facility n/a

Site: Heritage Island in Kingman Lake

LID Project No

Description: Heritage Island is located in Kingman Lake near RFK Memorial Stadium on the Anacostia River in Washington D.C. The Heritage Island project will restore approximately 10 acres of freshwater tidal marsh habitat. These wetlands are expected to provide habitat for resident fish, migratory fish, migratory birds, and a variety of reptile and amphibian species. The project is currently in the design phase and is scheduled to start construction in 2003.

AWRC Goals

Public awareness and participation

- ☑ Stewardship events
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

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May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 29

ProjectTitle: Kingman and Heritage Islands Habitat and Passive Recreation Study

Partners: DC Dept of Health, Environmental Health Administration

Facility n/a

Site: Kingman and Heritage Islands

LID Project No

Description: The Corps completed several phases of study for the District of Columbia. In January 2002, the Corps completed the Kingman and Heritage Islands Habitat and Passive Recreation Study under the Planning Assistance to States Program. The purpose of the Habitat Study was to comprehensively evaluate alternatives to enhance Kingman and Heritage Islands for wildlife habitat and passive recreation. The goal is to enhance the island's degraded ecosystem structure and function, to revitalize the wild areas on the island, remove material from past dumping sites, provide bird boxes for various bird species, create a terrestrial niche habitat for upland species and to improve the intertidal zone. These goals may include improving site access, providing fishing piers, canoe launch areas and wildlife viewing areas.

A necessary, but separate investigation to the Habitat and Passive Recreation Study was to determine the extent of potential contamination of the islands given the past history. Therefore, DC Department of Health, Environmental Health Administration funded the Corps to conduct a Site Investigation (SI) of the Islands. This investigation was conducted through the Corps Support for Others Program. The purpose of the SI was to determine if any contamination exists within the study area by means of sampling and analysis field and laboratory effort. The overall investigation objective was to evaluate chemicals of potential concern in environmental media. The Final Site Investigation Report for Kingman Island (December, 2000) showed exceedences in several soil and sediment samples for lead, iron, arsenic, semi-volatile organic compounds (SVOCs), and total petroleum hydrocarbons (TPRH).

The Corps continues to assist the District of Columbia in the formulation and implementation of the Preferred Master Plan for the restoration of Kingman and Heritage Islands. The Preferred Plan calls for wildlife habitat enhancement and creation of recreational opportunities for members of the surrounding communities. As part of the environmental evaluation process, the Corps conducted human health and ecological risk assessments of chemicals in soil and water on both Kingman and Heritage Islands. The Heritage Island Human Health and Ecological Risk Assessment was completed in December 2002, and the Kingman Island Human Health and Ecological Risk Assessment was completed in January 2003. The risk assessments were conducted to determine if, under expected exposure conditions, chemicals in soil and water at the Islands are at concentrations that may pose unacceptable risk to humans, plants, aquatic organisms (fish, plankton), invertebrates, birds, and mammals who may visit or use the islands. Both Risk Assessments concluded that based on the lack of human health risks, and the limited areas posing risks to wildlife, the Preferred Master Plan may be implemented without adverse effects to humans or the environment.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer

Protect/restore ecological integrity

- ☑ Stream miles restored
- ☑ Recreational use

Public awareness and participation

- ☑ No. of fishing piers and usage
- ☑ DC Anacostia hiker-biker trail and usage
- ☑ No. public boat ramps and usage
- ☑ Annual park visitation
- ☑ School activities
- ☑ Anacostia school web linkages
- ☑ Stewardship events

Reduce pollutant loads

- ☑ Trash index and quantity or trash removed

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded
Impact:
Comment:
FY Funded:
FY Complete

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Army Corps of Engineers

Project Information

Project ID: 30

ProjectTitle: Approval of DC Water and Sewer Authority (DCWASA) Long Term Control Plan

Partners: EPA, DCWASA, DC Department of Health (DCDOH), Metroploitan Washington Council of Governm

Facility

Site: All District of Columbia pervious areas

LID Project Yes

Description:

EPA is cuurently reviewing the DCWASA Longterm Control Plan to address the issue combined sewer overflows into the Potomac and Anacostia Rivers as well as Rock Creek Park. In the Anacostia Watershed, the Plan proposes a storage tunnel, abondonment of the Northeast Boundary Swirl concentrator, and construction of a tunnel dewatering pump station east of the river. A significant part of the LTCP is to implement Low Impact Development (LID) on Federal, state, and private faciliities including residences to control stormwater before it enters the sewer systems.

AWRC Goals

Protect/restore ecological integrity

- ☑ Recreational use

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Dissolved oxygen

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Partially Funded

Impact: Current Compliance

Comment:

FY Funded: 2002

FY Complete

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Environmental Protection Agency

Project Information

Project ID: 31

ProjectTitle: Chesapeake Bay Urban Stormwater Initiative

Partners: Chesapeake Bay Program Office, federal, state and District of Columbia owned lands

Facility Watershed-wide federal facilities

Site: Watershed-wide

LID Project Yes

Description: The Storm Water Directive was endorsed by the Executive Council in on December 3, 2001. This Directive calls for conducting projects that demonstrate innovative storm water management on federal, state, and District-owned lands. At least 60 projects must be implemented on new development and re-development by 2006. It is very important that federal agencies within the Anacostia watershed show their commitment to being leaders in managing urban storm water runoff. Federal facilities in the Anacostia River watershed should install demonstration projects during redevelopments that strive to emulate pre-development hydrology and achieve no net increase of pollutant loads. The Chesapeake Bay Program's Urban Storm Water Workgroup has developed a list of criteria that must be met in order for a project to count as a demonstration project.

The Storm Water Directive furthermore commits to achieve a 30% reduction of chemicals of concern found in storm water sources from public lands in the three toxic Regions of Concern (Anacostia River, Baltimore Harbor, and the Elizabeth River watersheds). Federal agencies will need to play a lead role in achieving this chemical reduction goal in the Anacostia due to their large presence.

AWRC Goals

Protect/restore ecological integrity

- ☑ Turbidity
- ☑ Percent impervious surface in the watershed
- ☑ Recreational use

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Total phosphorus and total nitrogen
- ☑ Dissolved oxygen
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

May 2003

U.S. Environmental Protection Agency

Status: Partially Funded
Impact: N/A
Comment:
FY Funded:
FY Complete

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Environmental Protection Agency

Project Information

Project ID: 33

ProjectTitle: Potomac-Anacostia River Flagging Project

Partners: EPA, Anacostia Watershed Society, DC Department of Health, DC Water and Sewer Authority

Facility none

Site: Anacostia River

LID Project No

Description:

The Potomac-Anacostia River Flagging Project is a project designed to provide real time information to the general public about water quality in the Anacostia and Potomac Rivers. The grantee, the Anacacostia Watershed Society, samples at 2 sites along the Anacostia River (11th Street Bridge and Bladensburg Waterfront Park) 5 days a week for fecal coliform and posts flags at the sampling sites. Yellow flags alert boaters that the water quality conditions are not safe for extensive contact and blue flags indicate that fecal coliform levels are safe.

AWRC Goals

Protect/restore ecological integrity

- ☑ Recreational use

Reduce pollutant loads

- ☑ Combined sewer overflows
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Dissolved oxygen

C2K Goals

- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2002

FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Environmental Protection Agency

Project Information

Project ID: 73

ProjectTitle: A Toxics Management Strategy for the Anacostia River

Partners:

Facility all

Site: River and tributaries

LID Project Yes

Description:

The Strategy outlines a series of cleanup and remedial actions necessary to address the presence of hazardous contaminants impacting the environment and the health of the public who come into ontact with the river. The strategy, designed by the Anacostia Watershed Toxics Alliance, is based on a series of field investigations, biological,chemical, and physical characterization within different sub-areas of the watershed. the strategy identifies several "hotspots" and outlines a series of remediation options to clean-up and control toxic sediments.

AWRC Goals

Protect/restore ecological integrity

- ☑ Stream miles restored
- ☑ Percent of developed land in the watershed with stormwater controls

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

Restore wetlands

- ☑ Created/restored tidal wetland acreage

C2K Goals

- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded

Impact: N/A

Comment:

FY Funded:

FY Complete

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 20

ProjectTitle: Tumors and biomarkers of exposure in brown bullheads from the Anacostia River, Washington, DC

Partners: Anacostia Watershed Toxics Alliance (AWTA) funded project. Collaborators: George Washington U

Facility

Site: Tidal Anacostia River, Washington, DC

LID Project No

Description: We evaluated liver and skin tumor prevalence and biomarkers of exposure and response in brown bullheads (Ameiurus nebulosus) from three locations in the Anacostia River (Washington, DC), a Chesapeake Bay Region of Concern. The Tuckahoe River (Maryland) served as a reference. Each river was sampled in fall 2000 and spring 2001. In the Anacostia, there was a 50 to 68% prevalence of liver tumors and 13 to 23% prevalence of skin tumors in large (>260 mm, age >3) bullheads. Liver and skin tumor prevalence was 10 to 17% and 0%, respectively, in small (150 to 225 mm, age 1 to 2) bullheads. Tuckahoe bullhead liver tumor prevalence was 0 to 3% (large) and 0% (small); none had skin tumors. Biliary PAH-like fluorescent metabolites and liver DNA adduct concentrations were elevated in large and small Anacostia bullheads. Mean adduct concentrations were 16 to 28 times higher than those in Tuckahoe fish. Chromatograms revealed a diagonal radioactive zone, indicating polycyclic aromatic compound (PAC)-DNA adducts. Based on the biomarker and tumor data, we expect that >50% liver tumor prevalence in age >3 Anacostia bullheads will persist. This study provides the strongest evidence to date of the role of PAHs in tumor development in Anacostia bullheads.

Citation: Pinkney, A.E., J.C. Harshbarger, E.B. May, and W.L. Reichert. 2002. Tumor prevalence and biomarkers of exposure and response in brown bullheads (Ameiurus nebulosus) from the Anacostia River, Washington, D.C. and Tuckahoe River, Maryland. CBFO-C02-07. U.S. Fish and Wildlife Service, Chesapeake Bay Field Office, Annapolis, MD.

AWRC Goals

Protect/restore ecological integrity

- ☑ DELTs (Deformities, Fin erosions, Lesions, and Tumors)

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2001

FY Complete 2003

Point of Contact Information

May 2003

U.S. Fish and Wildlife Service

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 21

ProjectTitle: Using the sediment quality triad to characterize baseline conditions in the Anacostia River, Washingt

Partners: Anacostia Watershed Toxics Alliance (AWTA) funded project

Facility

Site: Tidal Anacostia River

LID Project No

Description: The Sediment Quality Triad (SQT) is a weight of evidence approach that involves complementary measures of sediment chemistry, benthic community structure and sediment toxicity. The SQT was conducted at 20 stations distributed throughout the river from Bladensburg down to the confluence of the Anacostia with the Potomac River and designed to include a range of contamination levels. Complementary to the SQT work, sediments at sites which exhibited significant toxicity were re-sampled and subjected to a Toxicity Identification Evaluation (TIE), to tentatively identify contaminants causing toxicity. Only one station, located near the O-street outfall and downstream of the Washington Navy Yard, exhibited toxicity that was related to sediment contaminants. This station also had the highest concentrations of sediment-associated contaminants, significantly affected growth of both toxicity test species and had a degraded benthic community. Results of the TIE suggested that toxicity was likely due to organic contaminants. Concentrations of tPCBs, tPAHs, and tChlordane were the highest of all the Triad stations. Forty percent of the sites were classified as having a degraded benthic community. However, qualitative and quantitative comparisons with sediment quality benchmarks indicated no clear relationship between benthic community health and concentrations of contaminants. Overall, we believe that the poor benthic health in the Anacostia is related to a combination of sediment contamination and other stressors, such as dissolved oxygen, nutrients and, perhaps, physical scouring. This study represents the most comprehensive application of the Sediment Quality Triad in the tidal Anacostia River, to date, and sets a solid baseline by which to assess the effectiveness of future management actions in the Anacostia River.
Citation: McGee, B.L. and A.E. Pinkney. 2002. Using the Sediment Quality Triad to Characterize Baseline Conditions in the Anacostia River, Washington, DC. CBFO-C02-09.
U.S. Fish and Wildlife Service, Chesapeake Bay Field Office, Annapolis, MD.

AWRC Goals

Protect/restore ecological integrity

- ☑ Macroinvertebrate community health

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2001

FY Complete 2003

May 2003

U.S. Fish and Wildlife Service

Point of Contact Information

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U.S. Fish and Wildlife Service

Project Information

Project ID: 22

ProjectTitle: Seasonal movement patterns, home ranges, and habitat use of the brown bullhead in the Anacostia

Partners: Initial funding from USFWS, primary funding from D.C. Department of Health. Collaboration with Uni

Facility

Site: Tidal Anacostia River

LID Project No

Description: The movement of 40 adult brown bullheads was monitored in the Anacostia River during summer 2000,spring 2001, and fall.winter 2001. The primary objective was to determine if brown bullheads in the Anacostia River are residents or if they freely migrate into the Potomac River. Studies have linked high liver and tumor rates in Anacostia River bullheads with elevated polynuclear aromatic hydrocarbon concentrations in sediments. Verification of the fish's residency iun the river would confirm that fish were most likely exposed to contaminants originating from Anacostia River sediments. Fish were tracked for 80-90 days each season. No fish were observed leaving the river. The linear home range was estimated to be 0.5 km in the summer, 1.5 km in the fall/winter, and 2.1 km in the spring. Based on this study, we conclude that adult brown bullheads are resident to the Anacostia River throughout the year.

Citation: Sakaris, P.C., R.V. Jesien, and A.E. Pinkney. 2002. Seasonal movement patterns, home ranges, and habitat use of the brown bullhead (Ameiurus nebulosus) in the Anacostia River, Washington, DC. CBFO-C02-08, U.S. Fish and Wildlife Service, Chesapeake Bay Field Office, Annapolis, MD.

AWRC Goals

Protect/restore ecological integrity

- ☑ DELTs (Deformities, Fin erosions, Lesions, and Tumors)

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2000

FY Complete 2002

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May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 23

ProjectTitle: Contaminant Monitoring in the Kingman Lake Restored Wetland

Partners: Corps of Engineers funding. Collaborator: University of Mayrland Wye Research and Education Cen

Facility

Site: Kingman Lake

LID Project No

Description: We conducted sediment toxicity tests, sediment chemical analyses, and chemical analyses of fish and invertebrates from Kingman Lake, Dueling Creek (as an example of a natural marsh in the Anacostia watershed), and Great Marsh (Mason Neck National Wildlife Refuge) as an example of a regional reference. Chemical data are being compared with guidance values and risks are being estimated through food chain modeling. A report is expected in spring 2003. Year 3 monitoring will be initiated in the fall of 2003.

AWRC Goals

Protect/restore ecological integrity

- ☑ Macroinvertebrate community health
- ☑ Resident fish community health

Reduce pollutant loads

- ☑ Toxics and metals

Restore wetlands

- ☑ Created/restored tidal wetland acreage

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 2001

FY Complete 2003

Point of Contact Information

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May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 24

ProjectTitle: Larval fish toxicity studies in the Anacostia River

Partners: Anacostia Watershed Toxics Alliance-funded project, Collaboration with University of Maryland Wye

Facility

Site: Anacostia R. from Bladensburg to mouth

LID Project No

Description: Assessments of stormwater and base flow contaminant concentrations in the tidal Anacostia River found concentrations of dissolved lead and total polychlorinated biphenyls (tPCBs) that exceeded water quality criteria. Thus, toxic conditions may exist while larval fish are present in the tidal river, potentially jeopardizing the success of current restocking efforts. The objectives of this study were to assess the toxicity of Anacostia River water to larval fish, and, if possible, determine specific contaminants causing the toxicity. Toxicity tests were conducted with larval fathead minnows (Pimephales promelas) and American shad (Alosa sapidissima), using water samples collected during “dry” (i.e., base flow), and “wet” (i.e., stormflow) conditions. Water samples, collected concurrently, were analyzed for metals, organochlorine (OC) pesticides and polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs).

All American shad tests were inconclusive, as an unacceptable number of fish died before test completion. Statistically significant reductions in growth and biomass of the fathead minnow were noted at two stations during one rain event. Chemistry data were inconclusive. The majority of contaminants analyzed were not detected, or results were qualified due to sample matrix interference. There were no instances when metals or PAH concentrations exceeded water quality criteria (WQC). No Aroclors were detected in any samples. While OC pesticides were generally below detection limits, there were four instances of one chemical at a station exceeding the chronic toxicity level at a particular station during dry weather. The specific chemical varied by station and day of sampling, with no discernable pattern. Turbidity in the river was high during the sampling in which toxic effects were noted, and the amount of suspended sediment may have caused or exacerbated those effects. Based on the toxicity tests, there appears to be no toxic effects from Anacostia River water to larval fathead minnows during dry (base flow) conditions. The results from the wet (stormflow) tests indicate that strong rains (>1.5 cm) can cause conditions that reduce survival and growth of the fathead minnow, at least at some locations on the river.
Citation: Pinkney, A.E., P. Doelling Brown, and D.J. Fisher. 2002. Larval fish toxicity studies in the Anacostia River. CBFO-C02-05. U.S. Fish and Wildlife Service, Chesapeake Bay Field Office, Annapolis, MD 21401.

AWRC Goals

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

May 2003

U.S. Fish and Wildlife Service

Status: Fully Funded
Impact:
Comment:
FY Funded: 2001
FY Complete 2002

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 25

ProjectTitle: Assessing the bioavailability of organic contaminants in the Anacostia River using semi-permeable m

Partners: Anacostia Watershed Toxics Alliance-funded project. Collaborator: University of the District of Colu

Facility Site: Anacostia R. from NE and NW Branch to river mouth

LID Project No

Description: The objective of this project was to examine the bioavailability of organic contaminants in the Anacostia River at various locations, including near potential source areas (e.g., storm sewers, combined sewer outfalls (CSOs), and certain tributaries). Contaminant concentrations in semi-permeable membrane devices (SPMDs) and Asiatic clams, Corbicula fluminea, deployed at these locations were compared to those at a reference location in the Potomac River (Fort Foote). In fall 2000, SPMDs were deployed for eight weeks at Fort Foote and these Anacostia locations: 1) upstream of the Route 1 spillway, Northwest Branch, 2) Northeast Branch U.S. Geological Survey (USGS) gaging station, 3) near the confluence of the Northwest and Northeast Branches, 4) near the mouth of Hickey Run, 5) near a stormwater outfall and the Washington Gas waste site, 6) near the 12th Street sewer outfall, 7) near a CSO at the O Street Pumping Station, 8) near the Washington Navy Yard, and 9) across from the Navy Yard on the east side of the river away from CSO or stormwater outfalls. Corbicula were deployed for four weeks at locations 1-3 and compared with pre-exposure clams collected from Fort Foote. Sediment samples were collected from all locations. For all media, the analytes were congener-specific polychlorinated biphenyls (PCBs), organochlorine pesticides, and polynuclear aromatic hydrocarbons (PAHs).

We found that SPMDs were suitable for assessing the dissolved fraction of contaminants in the Anacostia and recommend their use in future monitoring studies. To increase the accuracy of water column concentration estimates, the use of permeability reference compounds is recommended. Although the Corbicula deployment was shorter than intended, the patterns of PCB congeners and PAHs were different from those determined in the Fort Foote (pre-exposure) clams. This indicates that the clams were reflecting, to at least some degree, COCs in their new environments. There were clear differences in the patterns of contaminant concentrations in the two media in the locations where they were deployed side by side. For example, total PAH concentrations were twice as high in clams from the Northwest Branch vs. Northeast, whereas in SPMDs the situation was reversed. For chlordane this pattern was reversed. In general, there was greater site to site variation between non-tidal locations (Northwest and Northeast Branch) than in the lower river where tidal mixing makes it difficult to discern differences between sites. Thus, in the lower river, the SPMDs deployed near suspected hot spots or source areas did not have patterns or concentrations of contaminants similar to those in the sediments. Therefore, for source identification in the tidal river we recommend placing SPMDs in the sewer lines, where there is unidirectional flow.

Draft report dated: 12/02; final expected ~6/03

AWRC Goals

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

May 2003

U.S. Fish and Wildlife Service

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded: 2001
FY Complete 2003

Point of Contact Information

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May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 39

ProjectTitle: Hickey Run Stream Assessment

Partners: D.C. Watershed Protection Division (DCDOH), National Arboretum, WASA, National Park Service

Facility National Arboretum & upper watershed

Site: Hickey Run

LID Project No

Description: The Hickey Run stream assessment includes an in-depth survey of approximately 1 mile of stream and the associated watershed. The DCDoH is providing 80 percent of the funding for the assessment work. The Service is using the Rosgen (1994)stream classification to assess conditions, predict departure from potential, estimate sediment loads, and validate erosion rates. The Service along with the Partners will use information from the assessment to develop a natural channel restoration design. The Service will also make recommendations on the control of stormwater in the contributing watershed (i.e., to support retrofit/repair of storm water outfalls and damaged sanitary sewers). The Service expects to complete the assessment and report in 2003.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer

Fish Passage

- ☑ Percent historical anadromous fish spawning range open
- ☑ Percent anadromous fish habitat utilization
- ☑ Percent tributary mainstems and major feeder streams open to resident fishes.

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Turbidity
- ☑ DELTs (Deformities, Fin erosions, Lesions, and Tumors)
- ☑ Macroinvertebrate community health
- ☑ Resident fish community health
- ☑ Stream miles restored
- ☑ Submerged aquatic vegetation
- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls
- ☑ Recreational use

Public awareness and participation

- ☑ DC Anacostia hiker-biker trail and usage
- ☑ Annual park visitation
- ☑ Stewardship events
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

U.S. Fish and Wildlife Service

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Dissolved oxygen
- ☑ Biochemical oxygen demand
- ☑ Trash index and quantity or trash removed
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded

Impact: Future Compliance

Comment: Restoration of Hickey Run will significantly reduce loading of sediment, toxics, and fecal coliforms. Without restoration, Hickey Run will not achieve TMDLs nor provide potential anadromous fish spawning habitat downstream.

FY Funded: 2003

FY Complete

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Fish and Wildlife Service

Project Information

Project ID: 40

ProjectTitle: Watts Branch Stream Assessment

Partners: D.C. Watershed Protection Division (DCDOH), USACE, WASA, Parks and People, National Conserv

Facility Kenilworth Park

Site: Watts Branch

LID Project No

Description: The DCDoH provided 75 percent of the funding for the Watts Branch stream assessement. The Service completed an in-depth survey of approximately 3 miles of Watts Branch in southeast Washington, D.C. The Service used the Rosgen (1994)stream classification method to assess baseline conditions, predict departure from potential, estimate sediment loads, and validate erosion rates. The Service prepared an assessment report (USFWS. 2002. Watts Branch, Washington, D.C. Watershed and Stream Assessment)describing conditions, recommending restoration measures for both the stream and watershed,and providing a prioritized list of actions. The DCDoH and the USACE will use information from the report to develop a natural channel restoration design and to support the retrofit/repair of storm water outfalls and damaged sanitary sewers. Restoration is awaiting funding.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Acres of created upland forest
- ☑ Increase total forest as percent of watershed area

Fish Passage

- ☑ Percent historical anadromous fish spawning range open
- ☑ Percent anadromous fish habitat utilization
- ☑ Percent tributary mainstems and major feeder streams open to resident fishes.

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Turbidity
- ☑ DELTs (Deformities, Fin erosions, Lesions, and Tumors)
- ☑ Macroinvertebrate community health
- ☑ Resident fish community health
- ☑ Stream miles restored
- ☑ Submerged aquatic vegetation
- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls
- ☑ Recreational use

Public awareness and participation

- ☑ DC Anacostia hiker-biker trail and usage
- ☑ School activities
- ☑ Stewardship events

- ☑ Active 'friends of' groups
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Dissolved oxygen
- ☑ Biochemical oxygen demand
- ☑ Trash index and quantity or trash removed
- ☑ Toxics and metals

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Created/restored non-tidal wetlands
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded

Impact: Future Compliance

Comment: Restoration of Watts BRanch will significantly reduce loading of sediment, toxics, and fecal coliforms. Without restoration, Watts Branch will not achieve TMDLs nor provide anadromous fish spawning habitat.

FY Funded: 2001

FY Complete 2002

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Forest Service

Project Information

Project ID: 65

ProjectTitle: Riparian Forest Buffer Planting

Partners: Maryland DNR Forest Service, Metropolitan Washington COG, DC Depratment of Public Works

Facility Various

Site: watershed-wide

LID Project No

Description: The USFS provides financial and technical assistance to MD DNR and other non-porfit groups to promote the reforestation of riparian corridors, streamsides, and shorelines along the Anacostia and its tributaries. Past focus areas have included the Paint Branch Watershed.

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Acres of created upland forest
- ☑ Increase total forest as percent of watershed area

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Macroinvertebrate community health
- ☑ Resident fish community health
- ☑ Stream miles restored

Public awareness and participation

- ☑ School activities
- ☑ Stewardship events
- ☑ Restoration Expenditures

Restore wetlands

- ☑ Created/restored non-tidal wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded

Impact: Other

Comment:

FY Funded:

FY Complete 2005

May 2003

U.S. Forest Service

Point of Contact Information

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May 2003

U.S. Forest Service

Project Information

Project ID: 66
ProjectTitle: Urban Forestry Technical Assistance
Partners: Maryland DNR Forest Service, DC Department of Public Works
Facility Any
Site: watershed-wide
LID Project No
Description: The USFS provides financial assistance to the State and District to maintain an urban forester staff specialist to work with communities to build awareness about managing urban natural landscapes and to help communities increase urban tree cover. The USFS also funds various projects aimed at restoring urban forest cover, managing urban trees, and educating communities.

AWRC Goals

Expand Forest Cover

- ☑ Acres of mature hardwood forest
- ☑ Acres of created upland forest
- ☑ Increase total forest as percent of watershed area

Public awareness and participation

- ☑ School activities
- ☑ Stewardship events
- ☑ Revitilization expenditures
- ☑ Media coverage

C2K Goals

- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded
Impact: Other
Comment:
FY Funded:
FY Complete 2005

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Forest Service

Project Information

Project ID: 67

ProjectTitle: Growing Native Seed Collection

Partners: Potomac Conservancy, MD DNR Forest Service, Virginia Department of Forestry, National Park Ser

Facility Public Parks and Facilities and Private lands

Site: wateshed-wide

LID Project No

Description: The USFS works with the Potoamc Conservancy and other partners to host an annual volunteer seed collection effort in the Potomac Watershed. This is both a environmental service project as well as education effort in which over 5000 volunteers collect tree seeds during the Fall which are provied to state nurseries to increase production of hardwood seedlings for restoration rojects. After two years, trees are available at redued rates for planting in the watershed. Materials, training, and assistance is available to groups who wish to particiate

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Acres of created upland forest
- ☑ Increase total forest as percent of watershed area

Public awareness and participation

- ☑ School activities
- ☑ Stewardship events
- ☑ Media coverage
- ☑ Restoration Expenditures

C2K Goals

- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete 2005

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Forest Service

Project Information

Project ID: 68

ProjectTitle: Potomac Watershed Partnership

Partners: Potomac Conservancy,MD DNR Forest Service, VA Department of Forestry, Ducks Unlimited,

Facility Various

Site: Watershed-wide

LID Project No

Description: The Potomac Watershed Partnership is an ongoing public private partenrship with the goal of enhancing forest and wetland conditions in the Potomac in order to improve water quality, stream and river health, and community vitality in the watershed. Primary Partnership acitivies include: riparian and wetland restoration, land protection, fire risk reduction and forest stewardship, community greening, and education and monitoring. To date, focus has been primarily on work in the Shenedoah and Monocacy/Antietam watersheds. The PWP began in 2000. The USFS funds a full-time Coordinator and other partersnhip acitivites. For info visit www.potomacpartnership.org

AWRC Goals

Expand Forest Cover

- ☑ Miles of created riparian forest
- ☑ Increase the percent of adequate riparian buffer
- ☑ Acres of mature hardwood forest
- ☑ Acres of created upland forest
- ☑ Increase total forest as percent of watershed area

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Resident fish community health
- ☑ Stream miles restored
- ☑ Percent impervious surface in the watershed

Public awareness and participation

- ☑ School activities
- ☑ Anacostia school web linkages
- ☑ Stewardship events
- ☑ Media coverage
- ☑ Government by example
- ☑ Restoration Expenditures

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen

Restore wetlands

- ☑ Created/restored non-tidal wetlands
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)

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- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)
- ☑ Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Partially Funded
Impact: Other
Comment: Funded by Forest Servie and Partners. Looking at funding reductions in FY 04 and beyond.
FY Funded: 2000
FY Complete 2005

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Forest Service

Project Information

Project ID: 3

ProjectTitle: Monitor Progress of Kingman Marsh Restoration - Vegetation and Soils

Partners: Corps of Engineers, D.C. Dept of Health

Facility n/a

Site: Kingman Marsh

LID Project No

Description: a five-year project sponsored by COE and D.C. to track vegetation and plant community development as well as soil evolution. Involves use of a set of transects evaluated 3X/year for cover, species richness, species diversity, etc. Additional work involves use of dataloggers to determine inundation and implimentation of Surface Elevation Tables (SETs)to measure sediment accretion and consolidation processes. Another component of work involved the seed bank and determining sources of seed to the marsh.

AWRC Goals

Expand Forest Cover

- ☑ Increase the percent of adequate riparian buffer

Protect/restore ecological integrity

- ☑ Macroinvertebrate community health
- ☑ Resident fish community health

Reduce pollutant loads

- ☑ Total suspended solids

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)
- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Partially Funded

Impact:

Comment:

FY Funded: 2000

FY Complete 2002

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Geological Survey

Project Information

Project ID: 6
ProjectTitle: Monitoring Benthic Organisms
Partners: USACE, D.C. Dept of Health
Facility n/a
Site: Kingman/Kenilworth Marshes
LID Project No
Description: The USGS has been contracted by USACE/D.C. Dept. of Health to conduct a 3-year benthic study on the urban reconstructed freshwater tidal wetlands in the Anacostia (2002-2004.
The study will involve several habitats mostly based on elevational factors at Kingman, Kenilworth, Dueling Creek and Patuxent Marshes.

AWRC Goals

Protect/restore ecological integrity

- ☑ Macroinvertebrate community health

Public awareness and participation

- ☑ Government by example

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Dissolved oxygen
- ☑ Toxics and metals

Restore wetlands

- ☑ Created/restored tidal wetland acreage

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)

Project Status

Status: Partially Funded
Impact:
Comment:
FY Funded: 2002
FY Complete 2002

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Geological Survey

Project Information

Project ID: 7

ProjectTitle: Avi-fauna monitoring at Reconstructed Sites in the Tidal Anacostia

Partners: USACE

Facility n/a

Site: Kingman and Kenilworth Marshes

LID Project No

Description: Two studies both relating to avi-fauna monitoring in association with vegetation are being conducted. The first involves weekly bird counts at fixed points along Kingman and Kenilworth Marshes and will note breeding birds, residents, migratory birds, etc. and their use of the habitatat low and high tides. The second study is similar in format to the first except that it is being conducted at Heritage and Lower Kingman islands.

AWRC Goals

Expand Forest Cover

- ☑ Increase the percent of adequate riparian buffer

Protect/restore ecological integrity

- ☑ Stream miles restored

Restore wetlands

- ☑ Created/restored tidal wetland acreage
- ☑ Wildlife utilization of wetlands

C2K Goals

- ☑ Restore/protect living resources (oysters, crabs, fish passage, multi-species mgmt, exotic species)
- ☑ Restore/protect vital habitats (SAV, watersheds, wetlands, forests)

Project Status

Status: Partially Funded

Impact:

Comment:

FY Funded: 2002

FY Complete 2002

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Geological Survey

Project Information

Project ID: 70

ProjectTitle: Hydrogeology and Ground-Water Quality of the Anacostia River Watershed, Washington, D.C.

Partners: DC Department of Health

Facility n/a

Site: Lower tidal Anacostia River

LID Project No

Description: The overall goal of the proposed project is to develop an understanding of the hydrogeologic framework, to determine the extent of ground-water/surface-water interactions, and to estimate the contributions of contaminants from the ground water to the lower tidal Anacostia River. Work completed in fiscal year 2003 (FY03) will support data collection for ground-water quality including pesticides. Identified tasks are also expected to assist in developing a general hydrogeologic understanding of the study area and an estimation of the quantity of ground-water flux to the Anacostia River. Ground-water samples will be analyzed for multiple constituents including pesticides, VOCs, SVOCs or PAHs, arochlors and total PCBs, metals, nutrients, total phenols, total cyanide, BOD and COD. Hydrogeologic data, such as water levels, will be collected. Estimating the ground-water flux to the Anacostia River is complicated by many factors including tidal effects, urbanization (sewage outfalls, and development over natural stream channels), dredging the stream channel, access to sites, and scale/size of the study area. Due to the complexity of this issue, different methods have been proposed to estimate ground-water flux to the river, some of these methods include ground-water level contour map, cross-sectional flow analysis (including ground-water wells, stream-bank piezometers, tide gage, seepage meters), isotopic analysis, boat-towed sensor array, and ultimately ground-water flow modeling. Work in FY03 will include an evaluation of several possible methods to determine which methods would be most appropriate for estimating the amount of ground-water flux to the Anacostia River.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Biochemical oxygen demand
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

May 2003

U.S. Geological Survey

Point of Contact Information

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Geological Survey

Project Information

Project ID: 71

ProjectTitle: Discrete and Continuous Water-Quality Monitoring for Nutrients, Sediment, Metals, Bacteria, and Or

Partners: Maryland Department of the Environment , Prince George's County

Facility n/a

Site: Riverdale and Hyattsville

LID Project No

Description: The broad goal of the proposed study described herein is to significantly expand data collection to include water-quality sampling and analysis for a wide suite of natural and anthropogenic constituents. The USGS is 1) installing housing and equipment for water-quality sample collection at two Anacostia River USGS stream gage sites in Prince George's County (01649500, NORTH EAST BRANCH ANACOSTIA RIVER AT RIVERDALE, MD; 01651000 NW BRANCH ANACOSTIA RIVER NEAR HYATTSVILLE, MD); 2) installing equipment to provide real-time reporting of additional water-quality parameters (pH, dissolved oxygen concentration, temperature, specific conductance, turbidity); develop regression relations to estimate continuous nitrate (NO3), total nitrogen, total phosphorus, bacteria (E. coli), and suspended-sediment concentrations; and 3) collecting and analyzing monthly and storm samples at the two sites for a suite of constituents; managing all data collection and quality assurance/quality control efforts; managing all data (excluding organics data, to be managed and reported by George Mason University) and publishing annually in the MD-DE-DC District data report.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Turbidity
- ☑ pH

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Total phosphorus and total nitrogen
- ☑ Dissolved oxygen

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

May 2003

U.S. Geological Survey

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Geological Survey

Project Information

Project ID: 72
ProjectTitle: Discharge Gage Sites
Partners: Washington DC, Prince George's County, Montgomery County, WMCOG
Facility n/a
Site: various locations
LID Project No
Description: Project involves measurement of surface-water discharge at the following gages:
Northeast Branch Anacostia River at Riverdale, MD (01649500)

Northwest Branch Anacostia River at Colesville, MD (01650500)

Northwest Branch Anacostia River at Hyattsville, MD (01651000)

Watts Branch at Washington, D.C. (01651800)

AWRC Goals

Public awareness and participation

- [x] Government by example

C2K Goals

- [x] Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- [x] Stewardship and community engagement (education and outreach, government by example, partnerships)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete

Point of Contact Information

POC Name: Bob James
POC Phone: 301-497-5555
POC E-Mail:

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Geological Survey

Project Information

Project ID: 41

ProjectTitle: Storm Water Pollution Prevention Plan (SWPPP)

Partners:

Facility Anacostia Annex

Site: Anacostia, Washington DC

LID Project No

Description: Development of a site-specific SWPPP which established Best Managment Practices (BMPs) for this installation. The BMPs outline schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution in storm water runoff from the facility. Naval District Washington enforces the SWPPP through regularly scheduled inspections of storm water management features (during dry and, when possible, wet weather), and inspections of construction sites for BMP compliance.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded: 1999

FY Complete 2000

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog. Mgr

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Navy

Project Information

Project ID: 42

ProjectTitle: NPDES Permit and associated Water Quality Monitoring

Partners: EPA Region III, DC DOH

Facility Anacostia Annex

Site: Anacostia, Washington DC

LID Project No

Description: In compliance with the Anacostia Annex individual NPDES permit, Naval District Washington (NDW) monitors four storm water outfalls for pH levels, and for oil and grease. Data over the past several years has indicated that Anacostia Annex does not exceed its permit requirements. EPA Region III recently informed NDW that they agreed that Anacostia Annex can be removed from an individual permit, and can be covered under the multi-sector general NPDES permit. NDW is in the process of completing and submitting the Notice of Intent for the general permit.

AWRC Goals

Protect/restore ecological integrity

- ☑ pH

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Navy

Project Information

Project ID: 43
ProjectTitle: Upgrade of Aboveground Storage Tanks (ASTs)
Partners:
Facility Anacostia Annex
Site: Anacostia, Washington DC
LID Project No
Description: ASTs were upgraded to meet SPCC requirements. By upgrading ASTs, the facility reduces the risk of leakage of petroleum products and contamination of the surrounding soil and water.

AWRC Goals

Reduce pollutant loads

- [x] Toxics and metals

C2K Goals

- [x] Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2000

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Navy

Project Information

Project ID: 44
ProjectTitle: Illicit Discharge Survey Update
Partners:
Facility Anacostia Annex
Site: Anacostia, Washington DC
LID Project No
Description: A survey was completed to update (the 1996 update of) the original 1994 survey that identifies illegal discharges into the storm system.

AWRC Goals

Reduce pollutant loads

- [x] Toxics and metals

C2K Goals

- [x] Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2000

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 45
ProjectTitle: Low Impact Development
Partners: Low Impact Development Center, Inc
Facility Anacostia Annex
Site: Anacostia, Washington DC
LID Project Yes
Description: The Naval District Washington (NDW) now requires that their Storm Water Program Manager must be given an opportunity to review all Anacostia Annex construction projects at the design phase. Where feasible, NDW recommends and assists in the design of LID technologies to manage the quantity and quality of storm water at the project site. The Low Impact Development Center partners with NDW to ensure effective LID design.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Unfunded
Impact: Other
Comment: Funds for LID projects must be requested when NDW finds an appropriate project.
FY Funded:
FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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POC E-Mail: krista.grigg@navy.mil

2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

May 2003

U.S. Navy

Project Information

Project ID: 46

ProjectTitle: Storm Water Pollution Prevention Plan (SWPPP) - Revision

Partners:

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project No

Description: Revision of the WNY SWPPP is currently on-going. This site-specific SWPPP establishes Best Management Practices (BMPs) for this installation. The BMPs outline schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution in storm water runoff from the facility. Naval District Washington enforces the SWPPP through regularly scheduled inspections of storm water management features (during dry and, when possible, wet weather), and inspections of construction sites for BMP compliance.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 47

ProjectTitle: RCRA Facility Investigation

Partners: EPA Region III, DC DOH

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project No

Description: Naval District Washington (NDW) is currently conducting environmental investigations of existing Installation Restoration (IR) sites and potential areas of concern to determine the type and extent of contamination. This investigation includes sampling of soils, groundwater, surface water, and completion of a risk assessment. The RCRA Facility Investigation was begun in 1997, and the submission of the final record of decision is expected in 2005.

AWRC Goals

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 48

ProjectTitle: NPDES Permit and associated Water Quality Monitoring

Partners: EPA Region III, DC DOH

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project No

Description: In compliance with the Washington Navy Yard individual NPDES storm water permit, Naval District Washington (NDW) monitors WNY discharge from twelve storm water outfalls, including discharge to three CSOs and one MS4. The NPDES permit was issued in 1999, and expires in 1994.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Total phosphorus and total nitrogen
- ☑ Fecal coliform concentration/bacterial contamination
- ☑ Biochemical oxygen demand
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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U.S. Navy

Project Information

Project ID: 49
ProjectTitle: Illicit Discharge Survey Update
Partners:
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project No
Description: A survey was completed to update (the 1996 update of) the original 1994 survey that identifies illegal discharges into the storm system.

AWRC Goals

Reduce pollutant loads

- [x] Toxics and metals

C2K Goals

- [x] Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2000

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 50
ProjectTitle: Upgrade of Aboveground Storage Tanks (ASTs)
Partners:
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project No
Description: ASTs were upgraded to meet SPCC requirements. By upgrading ASTs, the facility reduces the risk of leakage of petroleum products and contamination of the surrounding soil and water.

AWRC Goals

Reduce pollutant loads

- [x] Toxics and metals

C2K Goals

- [x] Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2000

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 51
ProjectTitle: Storm Sewer Rehabilitation Project
Partners:
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project No
Description: The condition of the storm sewer system was assessed in 1999. Where necessary, pipes, manholes, and drainage structures were repaired or replaced. The system was cleaned, and the sediments and wash water were captured and disposed of properly. This project was undertaken to remove any contaminants from the WNY storm sewer system to prevent their transport to the river.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2001

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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2003 Anacostia Federal Biennial Workplan - Project Detail Sheets

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U.S. Navy

Project Information

Project ID: 52

ProjectTitle: Low Impact Development

Partners: Low Impact Development Center, Inc

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project Yes

Description: The Naval District Washington (NDW) now requires that their Storm Water Program Manager must be given an opportunity to review all Washington Navy Yard construction projects at the design phase. Where feasible, NDW recommends and assists in the design of LID technologies to manage the quantity and quality of storm water at the project site. The Low Impact Development Center partners with NDW to ensure effective LID design. Examples - Buildings 22, 183, and 211

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Unfunded

Impact: Other

Comment: Funds for LID projects must be requested when NDW finds an appropriate project.

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 53

ProjectTitle: Bioretention cells

Partners: Low Impact Development Center, Inc

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project Yes

Description: Four bioretention cells were constructed to capture storm water runoff from two of the WNY parking lots. These bioretention cells perform both runoff volume reduction and pollutant filtering functions. The cells were constructed with perforated underdrains for filtered water release to the storm drain system. Three of the cells were also designed with a riser and weir feature to allow for flood water release under strong storm conditions.

AWRC Goals

Protect/restore ecological integrity

- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete 2001

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 54
ProjectTitle: Permeable Pavers
Partners: Low Impact Development Center, Inc
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project Yes
Description: Three permeable pavement cells were constructed to capture storm water runoff from two of the WNY parking lots. These cells perform runoff volume reduction and some pollutant filtering functions. The cells were constructed with perforated underdrains for eventual release to the storm drain system.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Combined sewer overflows

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2001

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 55
ProjectTitle: Tree box
Partners: Low Impact Development Center, Inc
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project Yes
Description: A tree box was installed to replace a curb inlet. Stormwater flows through a filter media mixture contained in a landscaped concrete container. The mixture immobilizes pollutants, and those pollutants are then decomposed, volatilized and incorporated into the biomass. Stormwater flows through the media and into an underdrain system, where the treated water is discharged to the storm sewer system.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2002

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 56
ProjectTitle: Rain garden
Partners: Low Impact Development Center, Inc
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project Yes
Description: A rain garden was constructed and planted to capture storm water discharge from copper rain spouts. This rain garden performs both runoff volume reduction and pollutant filtering functions. The garden was constructed with perforated underdrains for filtered water release to the storm drain system.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed
- ☑ Percent of developed land in the watershed with stormwater controls

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2002

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 57
ProjectTitle: Sand Filters
Partners:
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project Yes
Description: Since 1999, The Naval District Washington has installed nine storm water sand filters on the WNY in conjunction with the renovation and redevelopment of several buildings on base. These sand filters collect storm water from roof drains, curb inlets and at-grade inlets, and treat the runoff before release to the storm water sewer system.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2001

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 58

ProjectTitle: Building 183 LID

Partners:

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project Yes

Description: The nature of the repair project for an exterior wall of WNY Building 183 was to necessitate the demolition of a patio and landscaped area. This area was initially designed to be replaced with a concrete pad. NDW Environmental reviewed this design and proposed the use of a permeable paver cell instead. The area would then continue to serve as a patio, but would also perform some treatment on the storm water runoff from the site and from the copper roof drains leading to the patio. This project is currently in the design phase, construction planned for summer 2003.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 59

ProjectTitle: Building 211 LID

Partners:

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project Yes

Description: WNY Building 211, located immediately adjacent to the Anacostia River, was recently renovated to serve as a catering and conference center. NDW Environmental has been intimately involved in the design of the exterior landscaping scheme, to ensure that LID storm water management features were incorporated. Storm water runoff from the proposed patio area and from the roof drains will be treated by bioretention cells prior to release to the WNY storm water sewer system. This project is currently in the design phase, construction is expected to commence late fall 2003, with completion in spring 2004.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 60
ProjectTitle: Building 22 LID
Partners:
Facility Washington Navy Yard
Site: Washington DC, SE
LID Project Yes
Description: WNY Building 22 was recently renovated to house the installation gym and food court. To encourage pedestrian traffic in the area, the road along two sides of the building was blocked off to create a plaza. NDW Environmental reviewed the proposed plaza design, which included re-paving using concrete stamping, and insisted on LID incorporation. The design was altered to include several permeable paver cells which treat the plaza runoff prior to release to the storm water system.

AWRC Goals

Protect/restore ecological integrity

- ☑ Temperature
- ☑ Percent impervious surface in the watershed

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)
- ☑ Sound land use practices (land conservation, development, transportation, public access)

Project Status

Status: Fully Funded
Impact:
Comment:
FY Funded:
FY Complete 2003

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr
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May 2003

U.S. Navy

Project Information

Project ID: 61

ProjectTitle: LID Maintenance

Partners: Low Impact Design Center, Inc

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project Yes

Description: NDW Environmental is currently scoping a contract to provide regular maintenance on WNY LID features, including the bioretention cells and rain gardens, the tree box filter, and the permeable paver cells. This contract will include regular inspection of vegetation mortality and mulch, and will assess when more extensive maintenance is needed (i.e. the removal of deposited sediments to improve functionality of the cells). In the future, this contract will be expanded to include maintenance of the LIDs at all NDW facilities.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Unfunded

Impact: Future Compliance

Comment: If not funded, the LID features we have installed to this point will not be maintained properly, and will not function in the intended manner.

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

POC Phone: 202-433-6710

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May 2003

U.S. Navy

Project Information

Project ID: 62

ProjectTitle: Storm Drain Maintenance

Partners: DC DOH

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project No

Description: NDW Environmental is currently scoping a contract to voluntarily provide maintenance to WNY at-grade and curb inlets. With guidance from DC DOH, NDW will determine which inlets hold excessive sediment and debris that needs to be removed. This contract is expected to be funded in winter 2003. In the future, this contract is expected to be expanded to include other NDW facilities.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Unfunded

Impact: Future Compliance

Comment: Excessive sediment and debris in the storm water inlets could negatively affect the results of the WNY NPDES sampling events.

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 63

ProjectTitle: Sand Filter Maintenance

Partners:

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project Yes

Description: NDW Environmental is currently scoping a contract to provide maintenance on all WNY storm water sand filters. This contract will include inspection of the filter beds, and the removal of sediment and debris from the 1st and 3rd chambers This contract is expected to be funded in winter 2003.

AWRC Goals

Reduce pollutant loads

- ☑ Total suspended solids
- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Unfunded

Impact: Future Compliance

Comment: The sand filters can become clogged by sediment, oil, grease, etc.., and not function properly. If the sand filters are clogged and the storm water must bypass the filter, the resulting sediment and debris which flows directly into the storm water system could negatively affect the results of the WNY NPDES sampling events.

FY Funded:

FY Complete

Point of Contact Information

POC Name: Krista Grigg/Strm Water & Ntrl Resources Prog Mgr

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May 2003

U.S. Navy

Project Information

Project ID: 64

ProjectTitle: Building 118 - IR project

Partners: EPA Region III, DC DOH

Facility Washington Navy Yard

Site: Washington DC, SE

LID Project No

Description: A sump in WNY Building 118 was considered an Area of Concern in the Navy's Installation Restoration Program due to PCBs found during a sampling event. This sump discharges to a DC CSO that runs through the Navy Yard towards the river. To prevent the sump from discharging, and possibly carrying PCBs to the river, NDW filled in a portion of the pump to prevent groundwater recharge. The renovations have eliminated the discharge of groundwater to the CSO.

AWRC Goals

Reduce pollutant loads

- ☑ Toxics and metals

C2K Goals

- ☑ Restore/protect water quality (nutrients and sediments, chemical contaminants, air pollution, boat discharge)

Project Status

Status: Fully Funded

Impact:

Comment:

FY Funded:

FY Complete 2000

Point of Contact Information

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