

FISCAL YEAR 2020
Civil Works
Budget of the
U.S. Army Corps of Engineers

March 2019

DEPARTMENT OF THE ARMY OFFICE OF THE ASSISTANT SECRETARY FOR CIVIL WORKS WASHINGTON, D.C. 20310-0108

OVERVIEW OF FISCAL YEAR 2020 CIVIL WORKS BUDGET

The President's Budget for Fiscal Year (FY) 2020 for the Army Corps of Engineers Civil Works program funds the development, management, restoration, and protection of the Nation's water, wetlands, and related resources, through studies, the construction, operation and maintenance of projects, the Corps regulatory program, and emergency response preparedness. These investments will enable communities to reduce their flood risks, facilitate waterborne transportation, restore significant aquatic ecosystems, and generate low-cost renewable hydropower. The Budget focuses on the highest performing work within the three main missions of the Corps: commercial navigation, flood and storm damage reduction, and aquatic ecosystem restoration.

The Budget provides \$4.827 billion in discretionary funding for the Civil Works program, including \$2.308 billion for commercial navigation, \$1.011 billion for flood and storm damage reduction, and \$187 million for aquatic ecosystem restoration. The Budget funds capital investments in the inland waterways, and proposes establishing an annual fee to support infrastructure investment and economic growth by helping finance the users' share of future capital investments on inland waterways, as well as 10 percent of the operation and maintenance cost, in these waterways. The Budget also proposes to divest the Washington Aqueduct, which is the wholesale water supply system for Washington, D.C.; Arlington County, Virginia; the City of Falls Church, Virginia; and parts of Fairfax County, Virginia and is the only local water supply system in the Nation owned and operated by the Corps.

In addition, the Budget re-proposes revisions to the appropriations language for the Construction, Operation and Maintenance, and Mississippi River and Tributaries accounts and the Harbor Maintenance and Inland Waterways Trust Funds to enable greater transparency and accountability in how these funds are spent.

Construction. The Budget provides a total of \$1.301 billion for the Construction program, consisting of \$1.170 billion from the Construction account and \$18.3 million from the Harbor Maintenance Trust Fund, \$56.8 million from the Mississippi River and Tributaries account, and \$55.5 million from the Inland Waterways Trust Fund. The Budget uses the performance guidelines on page 53 to guide the allocation of construction funds. It gives priority to the projects with the highest economic, environmental, and safety returns and focuses on ongoing projects, rather than starting additional projects. The Budget includes \$150 million for the WRRDA 2014 Section 1043 Non-Federal Construction of Federal Projects program, an innovative program under which the Corps would transfer appropriated funds to non-Federal sponsors who decide to construct a project on their own under Section 1043 of the Water Resources Reform and Development Act of 2014, as amended, and includes a proposal to extend the authorization for that provision which, under current law, expires on June 10, 2019. The Budget also includes an additional \$150 million, for the Innovative Funding Partnership, to be used in conjunction with funds in excess of the statutory cost share requirements provided by non-Federal interests to accelerate the completion of construction of specifically authorized projects.

Operation and Maintenance. The Budget provides a total of \$3.025 billion for the Operation and Maintenance program, consisting of \$1.930 billion from the Operation and Maintenance account, \$946.7 million from the Harbor Maintenance Trust Fund, and \$148.073 million from the Mississippi River and Tributaries account. The Budget uses the performance guidelines on page 54 to guide the allocation of operation and maintenance funds. The allocation of funding for maintenance among projects reflects a risk-informed approach that considers both project and project component conditions as well as the consequences in the event of a failure. The Budget also gives priority to the maintenance of coastal ports and inland waterways with the most commercial traffic.

Investigations. The Budget provides a total of \$82 million for the Investigations program, consisting of \$77 million from the Investigations account and \$4.96 million from the Mississippi River and Tributaries account. The Budget focuses on ongoing work and on promoting efforts to provide local communities with technical and planning assistance to enable them to reduce their flood risk, with emphasis on non-structural approaches. The Budget includes \$7.105 million for Dam Safety Modification Studies and Dredged Material Management Plans needed to support existing projects.

Mississippi River and Tributaries. The Budget includes a total of \$215 million, consisting of \$209.872 million from the Mississippi River and Tributaries account and \$5.128 million from the Harbor Maintenance Trust Fund account, for ongoing work in the lower Mississippi River and its tributaries, with emphasis on the 1,600 miles of levees and related features on the main stem of the lower Mississippi River and in the Atchafalaya Basin.

<u>Harbor Maintenance Trust Fund.</u> The Budget proposes to derive \$965 million from the Harbor Maintenance Trust Fund to support transportation of cargo at current levels at the 50 largest U.S. coastal ports, which handle around 90 percent of the waterborne cargo shipped to or from the United States.

<u>Inland Waterways Trust Fund.</u> The Budget proposes to derive \$55.5 million from the Inland Waterways Trust Fund for construction on the inland waterways.

<u>Flood Control and Coastal Emergencies.</u> The Budget provides \$27 million for preparedness and training of Corps staff to enable them to assist communities during a flood, hurricane, or other natural disasters.

Regulatory Program. The Budget provides \$200 million for the Regulatory Program to protect the Nation's waters and wetlands and provide efficiency in permit processing.

<u>Formerly Utilized Sites Remedial Action Program.</u> The Budget proposes to return responsibility for management of the Formerly Utilized Sites Remedial Action Program (FUSRAP) back to the Department of Energy (DOE). The Army Corps would continue to perform cleanup of FUSRAP sites on a reimbursable basis with DOE. This proposal would enable DOE to consider a broader range of federal cleanup efforts in prioritizing work each year, thereby increasing the effectiveness and efficiency of Federal cleanup efforts. For these reasons, no funds are included in the Army Corps' Budget for FUSRAP.

<u>Expenses</u>. The Budget provides \$187 million for the Expenses account, which funds the Civil Works program responsibilities of the Corps headquarters and division offices, and other operational costs.

Office of the Assistant Secretary of the Army for Civil Works. The Budget provides \$5 million for the Office of the Assistant Secretary of the Army for Civil Works, whose responsibilities include policy direction and oversight of the Civil Works Program.

Rickey/D. James

Assistant Secretary of the Army

(Civil Works)

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS CIVIL WORKS FISCAL YEAR 2020 BUDGET

The Fiscal Year (FY) 2020 Budget provides \$4,827,000,000 for the Civil Works program of the U.S. Army Corps of Engineers. The Civil Works program supports water resources development, management, and restoration through investigations and surveys, engineering and design, construction, and operation and maintenance as authorized by Congress. FY 2020 requested appropriations and current estimates of additional new resources are as follows:

Appropriations Accounts:	Amount (\$)
Investigations	77,000,000
Construction	1,170,200,000
Operation and Maintenance	1,930,428,000 1/
Regulatory Program	200,000,000
Mississippi River and Tributaries	209,872,000
Expenses	187,000,000
Flood Control and Coastal Emergencies	27,000,000
Assistant Secretary of the Army for Civil Works	5,000,000
Inland Waterways Trust Fund	55,500,000
Harbor Maintenance Trust Fund	965,000,000
TOTAL	4,827,000,000
Sources of Appropriations:	
General Fund	(3,752,500,000)
Inland Waterways Trust Fund	(55,500,000)
Harbor Maintenance Trust Fund	(965,000,000)
Special Recreation User Fees	(54,000,000)
TOTAL	(4,827,000,000)
Additional New Resources Not Included in the Budget:	
Rivers and Harbors Contributed Funds	460,000,000 2/
Coastal Wetlands Restoration Trust Fund	82,000,000 3/
Permanent Appropriations	21,000,000 4/
Special Use Permit Fees	1,000,000
Interagency America the Beautiful Pass Revenues	1,000,000
Bonneville Power Administration	243,000,000 5/
South Dakota Terrestrial Trust Fund	3,000,000
TOTAL	811,000,000

^{1/} Includes estimated \$54,000,000 in Special Recreation User Fees.

^{2/} Includes amounts for the required non-Federal cost share of projects; amounts in excess of the non-Federal cost share that are provided as voluntarily contributed or advanced funds; and amounts for certain work carried out in connection with the project with 100 percent non-Federal funding

^{3/} Transferred from the Sport Fish Restoration Account of the Aquatic Resource Trust Fund for planning, protection, and restoration of coastal wetlands in the state of Louisiana.

^{4/} Includes Payment to States, Maintenance and Operation of Dams, and Hydraulic Mining

^{5/} This amount is based on a three year average of actual funding from FY 2016, FY 2017 & FY 2018.

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^{1/} Also see breakdown for Mississippi River and Tributaries

FY 2020 Budget Business Line/Account Cross-Walk (\$ Millions)

Business Lines/Funding Categories: 1/																	
					N	IR&T		IWTF		HMTF					E	ASA (CW)	
	I	С	O&M 2/	1	С	O&M	TOTAL MRT	С	С	O&M	MRT O&M	TOTAL HMTF	REG	FCCE			TOTAL
Flood and Coastal Storm Damage Reduction	55	156	628	5	53	106	165			7		7					1,011
Coastal	18		46							7		7					71
Inland	37	156	582	5	53	106	165										940
Navigation	14	552	700		3	26	29	56	17	935	5	956					2,308
Coastal	8	470	21						17	935	5	956					1,455
Inland	6	82	679		3	26	29	56									852
Hydropower		4	214														218
Aquatic Ecosystem Restoration	7	158	20						1			1					187
Innovative Funding Partnerships 3/		150															150
WRRDA 2014, Section 1043 Non-Federal Construction of Federal Projects 4/		150															150
Environmental Stewardship			120			4	4										124
Recreation			237			12	12										249
Water Supply			7														7
Regulatory													200				200
Emergency Management			5											27			32
Expenses															187		187
Office of the Assistant Secretary of the Army for Civil Works		_														5	5
TOTAL	77	1,170	1,930	5	57	148	210	56	18	942	5	965	200	27	187	5	4,827

^{1/ &}quot;Items Not Listed Under States" on pages 43-49 are not authorized with a specific business line, costs are distributed by business line in accordance with outputs, where applicable, or shared proportionally when attribution to a specific business line is not applicable.

^{2/} O&M includes multi-purpose project costs that are not specific to any one business line; those costs are shared proportionally between the business lines that align with the authorized project purposes of the project incurring the cost.

^{3/} Innovative Funding Partnerships: Funding will be used, in conjunction with funds voluntarily provided by non-Federal interests pursuant to 33 U.S.C. 701h and 33.U.S.C. 701h-1 in excess of the non-Federal sponsor's statutory cost share requirements, to accelerate the completion of construction of specifically authorized projects.

^{4/} WRRDA 2014 Section 1043 Non-Federal Construction of Federal Projects: Funding would be transferred to non-Federal sponsors who decide to construct a specifically authorized project on their own under Section 1043 of the Water Resources Reform and Development Act of 2014, as amended.

I = Investigations; C= Construction; O&M = Operation and Maintenance; FCCE = Flood Control and Coastal Emergencies;

REG= Regulatory; E = Expenses; MR&T = Flood Control, Mississippi River and Tributaries; IWTF = Inland Waterway Trust Fund; HMTF = Harbor Maintenance Trust Fund

DEPARTMENT OF THE ARMY STUDIES AND PROJECTS FUNDED TO COMPLETION FISCAL YEAR 2020

INVESTIGATIONS

STATE		FY20 BUDGET	STATE	-	FY20 BUDGET
AL	MOBILE HARBOR, AL (PED)	700,000	ОН	CLEVELAND HARBOR, OH (DMMP)	100,000
NY	BUFFALO HARBOR, NY (DMMP)	250,000	TX	CORPUS CHRISTI SHIP CHANNEL, TX (DMMP)	250,000
		CONSTRU	CTION		
STATE		FY20 BUDGET	STATE		FY20 BUDGET
IL & MO	MELVIN PRICE LOCK AND DAM (DEFICIENCY CORRECTION), IL & MO (Navigation)	24,087,000	SC	CHARLESTON HARBOR, SC (Navigation)	138,040,078
PA	LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA (Navigation) 1/	111,000,000	WA	MUD MOUNTAIN DAM, WA (Aquatic Ecosystem Restoration)	15,694,160

OPERATION AND MAINTENANCE

STATE		FY20 BUDGET	STATE		FY20 BUDGET
AR	MILLWOOD LAKE, AR (MP)	600,000	OR	DETROIT LAKE, OR (MP)	30,000
GA	J STROM THURMOND LAKE, GA & SC (MP)	175,000	OR	DORENA LAKE, OR (MP)	60,000
IN	J EDWARD ROUSH LAKE, IN (MP)	305,000	OR	FALL CREEK LAKE, OR (MP)	60,000
KS	COUNCIL GROVE LAKE, KS (MP)	300,000	OR	FERN RIDGE LAKE, OR (MP)	60,000
KS	EL DORADO LAKE, KS (MP)	300,000	OR	GREEN PETER - FOSTER LAKES, OR (MP)	66,000
KS	KANOPOLIS LAKE, KS (W)	25,000	OR	HILLS CREEK LAKE, OR (MP)	47,000
KS	MARION LAKE, KS (MP)	300,000	OR	LOOKOUT POINT LAKE, OR (MP)	38,000
MN	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN (MP)	300,000	PA	CROOKED CREEK LAKE, PA (MP)	90,000
MO	POMME DE TERRE LAKE, MO (W)	100,000	PA	RAYSTOWN LAKE, PA (MP)	20,000
NM	CONCHAS LAKE, NM (MP)	259,000	PA	YOUGHIOGHENY RIVER LAKE, PA & MD (MP)	200,000
ОН	WILLIAM H HARSHA LAKE, OH (MP)	250,000	TX	BENBROOK LAKE, TX (MP)	250,000
OR	BLUE RIVER LAKE, OR (MP)	60,000	WA	LITTLE GOOSE LOCK AND DAM, WA (MP)	121,000
OR	COTTAGE GROVE LAKE, OR (MP)	60,000	WA	LOWER MONUMENTAL LOCK AND DAM, WA (MP)	161,000
OR	COUGAR LAKE, OR (MP)	48,000			

^{1/\$55,500,000} is derived from the Inland Waterways Trust Fund and \$55,500,000 is from the Construction account.

DMMP - Dredge Material Management Plan; DSMS - Dam Safety Modification Study; MP = Master Plan; PED = Preconstruction, Engineering & Design; W = Water Supply Study

KEY TO ABBREVIATIONS

IWTF - INLAND WATERWAYS TRUST FUND

HMTF - HARBOR MAINTENANCE TRUST FUND

E - AQUATIC ECOSYSTEM RESTORATION OR ENVIRONMENTAL STEWARDSHIP

EM - EMERGENCY MANAGEMENT

F - FLOOD RISK MANAGEMENT

H - HYDROPOWER

N - NAVIGATION

R-RECREATION

W - WATER SUPPLY

Allocation for multi-state studies, projects and programs are listed under a single state and cross-referenced to other affected states. They are not intended to depict total allocations to individual states.

PROJECT	BUSINESS	TRUST	INVESTIGATIONS	CONSTRUCTION	OPERATI	ON & MAINTENANC	E/HMTF
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
ALABAMA							
ALABAMA RIVER LAKES, AL	E,F,H,N,R				6,396,000	7,494,000	13,890,000
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AL & FL (See Georgia)	E,N,R						
BLACK WARRIOR AND TOMBIGBEE RIVERS, AL	E,N,R				10,754,000	15,199,000	25,953,000
ESCAMBIA AND CONECUH RIVERS, FL & AL (See Florida)		HMTF					
GULF INTRACOASTAL WATERWAY, AL	N				635,000	4,654,633	5,289,633
JIM WOODRUFF LOCK AND DAM, LAKE SEMINOLE, FL, AL & GA (See Florida)	E,H,N,R						
MOBILE HARBOR, AL	N		700,000				
MOBILE HARBOR, AL	N	HMTF			1,054,000	24,977,000	26,031,000
PERDIDO PASS CHANNEL, AL	N	HMTF			5,000	-	5,000
TENNESSEE - TOMBIGBEE WATERWAY WILDLIFE MITIGATION, AL & MS	N				1,800,000	-	1,800,000
TENNESSEE - TOMBIGBEE WATERWAY, AL & MS	E,N,R				17,517,000	19,872,000	37,389,000
WALTER F GEORGE LOCK AND DAM, AL & GA	E,H,N,R				5,283,000	3,816,000	9,099,000
WEST POINT DAM AND LAKE, GA & AL (See Georgia)	E,F,H,N,R						
ALASKA							
ANCHORAGE HARBOR, AK	N	HMTF				10,485,000	10,485,000
APOON MOUTH OF YUKON, AK 1/	N		46,000				
AURORA HARBOR, AK	N	HMTF			-	75,000	75,000
CHENA RIVER LAKES, AK	E,F,R				5,505,000	1,731,000	7,236,000
DILLINGHAM HARBOR, AK	N	HMTF			-	875,000	875,000
ELIM SUBSISTENCE HARBOR, AK 2/	N		100,000				<u> </u>
HOMER HARBOR, AK	N	HMTF			-	615,000	615,000
JUNEAU HARBOR, AK	N	HMTF			-	75,000	75,000
NINILCHIK HARBOR, AK	N	HMTF			-	650,000	650,000
NOME HARBOR, AK	N	HMTF			-	2,220,000	2,220,000
ST. MICHAEL CANAL, AK 1/	N		50,000				· · · · · · · · · · · · · · · · · · ·

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	IOND		/ MIVIT / IVVIF	OPERATION	MAINTENANCE	TOTAL
ARIZONA							
ALAMO LAKE, AZ	E,F,R				1,660,000	1,245,000	2,905,000
BIG SPRINGS WATERSHED ASSESSMENT, AZ 2/	F		50,000				
PAINTED ROCK DAM, AZ	E,F,R				665,000	500,000	1,165,000
WHITLOW RANCH DAM, AZ	E,F				237,000	322,000	559,000
ARKANSAS							
BEAVER LAKE, AR	E,F,H,R,W				7,181,000	3,918,000	11,099,000
BLAKELY MT DAM, LAKE OUACHITA, AR	E,F,H,R,W				6,954,000	904,000	7,858,000
BLUE MOUNTAIN LAKE, AR	E,F,R,W				1,541,000	221,000	1,762,000
BULL SHOALS LAKE, AR	E,F,H,R,W				5,756,000	1,710,000	7,466,000
DEGRAY LAKE, AR	E,F,H,N,R				5,546,000	1,602,000	7,148,000
DEQUEEN LAKE, AR	E,F,R,W				1,147,000	432,000	1,579,000
DIERKS LAKE, AR	E,F,R,W				1,110,000	300,000	1,410,000
GILLHAM LAKE, AR	E,F,R,W				992,000	1,553,000	2,545,000
GREERS FERRY LAKE, AR	E,F,H,R,W				7,200,000	1,843,000	9,043,000
HELENA HARBOR, PHILLIPS COUNTY, AR	N	HMTF			-	15,000	15,000
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	E,H,N,R,W				30,087,000	22,388,000	52,475,000
MILLWOOD LAKE, AR	E,F,R,W				2,400,000	845,000	3,245,000
NARROWS DAM, LAKE GREESON, AR	E,F,H,R				4,516,000	1,216,000	5,732,000
NIMROD LAKE, AR	E,F,R,W				1,703,000	306,000	2,009,000
NORFORK LAKE, AR	E,F,H,R,W				4,827,000	2,515,000	7,342,000
OSCEOLA HARBOR, AR	N	HMTF			-	15,000	15,000
OUACHITA AND BLACK RIVERS, AR & LA	E,F,N,R				5,511,000	1,828,000	7,339,000
TABLE ROCK LAKE, MO & AR (See Missouri)	E,F,H,R,W						
THREE RIVERS, AR	N		1,500,000				
WHITE RIVER, AR	N				-	25,000	25,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANG	E / HMTF
	LINE	FUND		/ FIWITE / TWV TE	OPERATION	MAINTENANCE	TOTAL
CALIFORNIA							
AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN,							
CA	F			59,000,000			
BLACK BUTTE LAKE, CA	E,F,R				2,399,000	5,651,000	8,050,000
BUCHANAN DAM, HV EASTMAN LAKE, CA	E,F,R				2,143,000	2,834,000	4,977,000
CHANNEL ISLANDS HARBOR, CA	N	HMTF			-	5,290,000	5,290,000
COYOTE VALLEY DAM, LAKE MENDOCINO, CA	E,F,R,W				2,559,000	1,145,000	3,704,000
DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	E,F,R,W				4,197,000	2,619,000	6,816,000
FARMINGTON DAM, CA	F				580,000	132,000	712,000
HIDDEN DAM, HENSLEY LAKE, CA	E,F,R				2,297,000	341,000	2,638,000
HUMBOLDT HARBOR AND BAY, CA	N	HMTF			-	3,962,000	3,962,000
ISABELLA LAKE, CA	E,F				1,338,000	358,000	1,696,000
LOS ANGELES COUNTY DRAINAGE AREA, CA	E,F,R				2,423,000	10,685,000	13,108,000
LOS ANGELES COUNTY DRAINAGE AREA (CHANNELS), CA	N		50,000				
MARTIS CREEK LAKE, NV & CA (See Nevada)	E,F,R						
MERCED COUNTY STREAMS, CA	F				398,000	72,000	470,000
MOJAVE RIVER DAM, CA	E,F,R				654,000	675,000	1,329,000
MORRO BAY HARBOR, CA	N	HMTF			-	2,750,000	2,750,000
NEW HOGAN LAKE, CA	E,F,R,W				2,583,000	1,000,000	3,583,000
NEW MELONES LAKE, DOWNSTREAM CHANNEL, CA	E,F,R				1,491,000	706,000	2,197,000
OAKLAND HARBOR (50 FOOT PROJECT), CA	N	HMTF			360,000	20,203,000	20,563,000
OCEANSIDE HARBOR, CA	N	HMTF			-	2,650,000	2,650,000
PINE FLAT LAKE, CA	E,F,R				3,023,000	1,203,000	4,226,000
REDWOOD CITY HARBOR, CA	N	HMTF				475,000	475,000
RICHMOND HARBOR, CA	N	HMTF			-	14,519,000	14,519,000
SACRAMENTO RIVER (30 FOOT PROJECT), CA		HMTF			-	2,030,000	2,030,000
SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	E,R				694,000	215,000	909,000
SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	N	HMTF			638,000	74,000	712,000
SACRAMENTO RIVER SHALLOW DRAFT CHANNEL, CA	N	HMTF			175,000	-	175,000
SALINAS RESERVOIR (SANTA MARGARITA LAKE), CA 1/	N		243,000				

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION	ON & MAINTENANC	E / HMTF
	LINE	TOND		/ MIVIT / IVV IF	OPERATION	MAINTENANCE	TOTAL
CALIFORNIA (continued)							
SAN FRANCISCO BAY DELTA MODEL STRUCTURE, CA	R				621,000	122,000	743,000
SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY, CA	N	HMTF			405,000	-	405,000
SOUTH SAN FRANCISCO BAY SHORELINE, CA (Phase II)	F		600,000				
SAN FRANCISCO HARBOR AND BAY, CA (DRIFT REMOVAL)	N	HMTF			773,000	2,765,000	3,538,000
SAN FRANCISCO HARBOR, CA	N	HMTF			-	4,530,000	4,530,000
SAN FRANCISCO WATERFRONT STORM DAMAGE REDUCTION, CA	F		800,000				
SAN JOAQUIN RIVER, PORT OF STOCKTON, CA	N	HMTF			-	4,530,000	4,530,000
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	N	HMTF			-	2,880,000	2,880,000
SAN RAFAEL CREEK, CA	N	HMTF			28,000	-	28,000
SANTA ANA RIVER BASIN, CA	E,F,R				3,933,000	2,225,000	6,158,000
SANTA BARBARA HARBOR, CA	N	HMTF			-	3,620,000	3,620,000
SUCCESS LAKE, CA	E,F,R				2,219,000	510,000	2,729,000
SUISUN BAY CHANNEL, CA	N	HMTF			-	5,800,000	5,800,000
TERMINUS DAM, LAKE KAWEAH, CA	E,F,R				2,723,000	482,000	3,205,000
WEST SACRAMENTO, CA	F		400,000				
YUBA RIVER, CA	Е				41,000	162,000	203,000
YUBA RIVER, CA	N	HMTF			1,316,000	-	1,316,000
COLORADO							
BEAR CREEK LAKE, CO	E,F,R				557,000	89,000	646,000
CHATFIELD LAKE, CO	E,F,R				1,477,000	484,000	1,961,000
CHERRY CREEK LAKE, CO	E,F,R				1,000,000	61,000	1,061,000
JOHN MARTIN RESERVOIR, CO	E,F,R				2,595,000	1,270,000	3,865,000
TRINIDAD LAKE, CO	E,F,R				1,507,000	798,000	2,305,000
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PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
CONNECTICUT							
BLACK ROCK LAKE, CT	E,F,R				451,000	206,000	657,000
COLEBROOK RIVER LAKE, CT	E,F,R,W				598,000	181,000	779,000
CONNECTICUT (continued)							
HANCOCK BROOK LAKE, CT	E,F,R				383,000	203,000	586,000
HOP BROOK LAKE, CT	E,F,R				913,000	301,000	1,214,000
MANSFIELD HOLLOW LAKE, CT	E,F,R				809,000	71,000	880,000
NORTHFIELD BROOK LAKE, CT	E,F,R				442,000	394,000	836,000
STAMFORD HURRICANE BARRIER, CT	F				470,000	381,000	851,000
THOMASTON DAM, CT	E,F,R				712,000	427,000	1,139,000
WEST THOMPSON LAKE, CT	E,F,R				756,000	55,000	811,000
DELAWARE							
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA & DE (See New Jersey)	N						
INDIAN RIVER INLET & BAY, DE	N	HMTF			33,000	-	33,000
INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE & MD	N	HMTF			7,630,000	14,625,000	22,255,000
INTRACOASTAL WATERWAY, REHOBOTH BAY TO DELAWARE BAY, DE	N	HMTF			-	150,000	150,000
WILMINGTON HARBOR, DE	N	HMTF			190,000	7,550,000	7,740,000
DISTRICT OF COLUMBIA							
POTOMAC AND ANACOSTIA RIVERS, DC (DRIFT REMOVAL)	N	HMTF			25,000	1,050,000	1,075,000
WASHINGTON HARBOR, DC	N	HMTF			-	25,000	25,000
FLORIDA							
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AL & FL (See Georgia)	E,N,R						

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANG	CE / HMTF
	LINE	FUND		/ MINIT / INVIE	OPERATION	MAINTENANCE	TOTAL
FLORIDA (continued)							
CANAVERAL HARBOR, FL	N	HMTF			1,449,000	25,000	1,474,000
CENTRAL & SOUTHERN FLORIDA, FL	E,F,R				9,128,000	10,190,000	19,318,000
CENTRAL & SOUTHERN FLORIDA, FL	N	HMTF			50,000	862,000	912,000
ESCAMBIA AND CONECUH RIVERS, FL & AL		HMTF			45,000	-	45,000
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL	N				330,000	3,150,000	3,480,000
JACKSONVILLE HARBOR, FL	N	HMTF			810,000	7,500,000	8,310,000
JIM WOODRUFF LOCK AND DAM, LAKE SEMINOLE, FL, AL & GA	E,H,N,R				4,591,000	3,611,000	8,202,000
MANATEE HARBOR, FL	N	HMTF			230,000	-	230,000
MIAMI HARBOR, FL	N	HMTF			230,000	-	230,000
OKEECHOBEE WATERWAY, FL	E,R				1,048,000	164,000	1,212,000
OKEECHOBEE WATERWAY, FL	N	HMTF			902,000	622,000	1,524,000
PALM BEACH HARBOR, FL	N	HMTF			380,000	3,590,000	3,970,000
PORT EVERGLADES HARBOR, FL	N	HMTF			373,000	-	373,000
REMOVAL OF AQUATIC GROWTH, FL	N	HMTF			-	3,410,000	3,410,000
SOUTH FLORIDA ECOSYSTEM RESTORATION (EVERGLADES), FL	E			63,255,000	4,877,000	577,000	5,454,000
TAMPA HARBOR, FL	N	HMTF			730,000	7,800,000	8,530,000
GEORGIA							
ALLATOONA LAKE, GA	E,F,H,R,W				5,649,000	3,098,000	8,747,000
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AL & FL	E,N,R				1,335,000	287,000	1,622,000
ATLANTIC INTRACOASTAL WATERWAY, GA	N				200,000	-	200,000
BRUNSWICK HARBOR, GA	N	HMTF			740,000	5,043,000	5,783,000
BUFORD DAM AND LAKE SIDNEY LANIER, GA	E,F,H,N,R,W				7,214,000	3,048,000	10,262,000
CARTERS DAM AND LAKE, GA	E,F,H,R,W				3,288,000	4,078,000	7,366,000
HARTWELL LAKE, GA & SC	E,F,H,R,W				6,499,200	3,915,400	10,414,600
HARTWELL LAKE, GA & SC	N	HMTF			30,800	4,600	35,400
J STROM THURMOND LAKE, GA & SC	E,F,H,R,W				7,779,200	2,865,000	10,644,200

PROJECT	BUSINESS	TRUST	INVESTIGATIONS	CONSTRUCTION	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
GEORGIA (continued)							
J STROM THURMOND LAKE, GA & SC	N	HMTF			60,800	8,000	68,800
JIM WOODRUFF LOCK AND DAM, LAKE SEMINOLE, FL, AL & GA (See Florida)	E,H,N,R						
RICHARD B RUSSELL DAM AND LAKE, GA & SC	E,F,H,R,W				4,780,000	4,451,000	9,231,000
SAVANNAH HARBOR, GA	N	HMTF			5,400,000	23,240,000	28,640,000
SAVANNAH HARBOR EXPANSION, GA	N			130,280,000			
SAVANNAH RIVER BELOW AUGUSTA, GA	N	HMTF			110,000	59,000	169,000
WALTER F GEORGE LOCK AND DAM, AL & GA (See Alabama)	E,H,N,R						
WEST POINT DAM AND LAKE, GA & AL	E,F,H,N,R				4,528,000	3,297,000	7,825,000
HAWAII							
BARBERS POINT HARBOR, HI	R				297,000	-	297,000
HILO HARBOR, HI	N	HMTF			-	582,000	582,000
HONOLULU HARBOR, HI	N	HMTF			-	460,000	460,000
PORT ALLEN HARBOR, KAUAI, HI	N	HMTF			-	460,000	460,000
IDAHO							
ALBENI FALLS DAM, ID	E,F,N,R				1,129,000	50,000	1,179,000
COLUMBIA RIVER FISH MITIGATION, WA, OR & ID (CRFM) (See Washington)	E,F,N						
DWORSHAK DAM AND RESERVOIR, ID	E,F,N,R				2,036,000	2,395,000	4,431,000
LUCKY PEAK LAKE, ID	E,F,R				2,419,000	983,000	3,402,000
ILLINOIS							
CALUMET HARBOR AND RIVER, IL & IN	N	HMTF			422,000	2,208,000	2,630,000
CARLYLE LAKE, IL	E,F,R,W				4,506,000	1,231,000	5,737,000
CHICAGO HARBOR, IL	N	HMTF			2,612,000	468,000	3,080,000
CHICAGO RIVER, IL	F				612,000	-	612,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ 111111	OPERATION	MAINTENANCE	TOTAL
ILLINOIS (continued)							
CHICAGO SANITARY AND SHIP CANAL DISPERSAL							
BARRIER, IL	E				10,295,000	3,648,000	13,943,000
FARM CREEK RESERVOIRS, IL	E,F				415,000	122,000	537,000
ILLINOIS WATERWAY (MVR PORTION), IL & IN	E,N,R				17,767,000	61,201,000	78,968,000
ILLINOIS WATERWAY (MVS PORTION), IL & IN	E,N				596,000	1,469,000	2,065,000
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH & WI	E		50,000				
KASKASKIA RIVER NAVIGATION, IL	E,N,R				1,679,000	549,000	2,228,000
LAKE MICHIGAN DIVERSION, IL	N	HMTF			860,000	-	860,000
LAKE SHELBYVILLE, IL	E,F,R,W				3,551,000	1,610,000	5,161,000
MELVIN PRICE LOCK AND DAM (DEFICIENCY CORRECTION), IL & MO	N			24,087,000			
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	E,N,R				29,130,000	21,629,000	50,759,000
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	E,N,R				7,833,000	17,326,417	25,159,417
MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO & IL (See Missouri)	E,F,N,R						
OHIO RIVER LOCKS AND DAMS, KY, IL, IN & OH (See Kentucky)	E,N						
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV (See Kentucky)	N						
REND LAKE, IL	E,F,R,W				3,622,000	1,511,000	5,133,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI	E			33,170,000			
WAUKEGAN HARBOR, IL	N	HMTF			117,000	1,372,000	1,489,000
INDIANA							
BROOKVILLE LAKE, IN	E,F,R,W				1,088,000	4,495,700	5,583,700
BURNS WATERWAY HARBOR, IN	N	HMTF			276,000	4,059,000	4,335,000
CAGLES MILL LAKE, IN	E,F,R				1,074,000	144,000	1,218,000
CALUMET HARBOR AND RIVER, IL & IN (See Illinois)	N						-
CECIL M HARDEN LAKE, IN	E,F,R				1,032,000	171,000	1,203,000

PROJECT	BUSINESS	TRUST	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL	
INDIANA (continued)								
FALLS OF THE OHIO NATIONAL WILDLIFE, KY & IN (See Kentucky)	E							
ILLINOIS WATERWAY (MVR PORTION), IL & IN (See Illinois)	E,N,R							
ILLINOIS WATERWAY (MVS PORTION), IL & IN (See Illinois)	E,N							
INDIANA HARBOR, IN	N	HMTF			4,448,000	3,904,000	8,352,000	
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH & WI (See Illinois)	E							
J EDWARD ROUSH LAKE, IN	E,F,R				1,454,000	412,000	1,866,000	
MISSISSINEWA LAKE, IN	E,F,R		1,000,000		1,433,000	865,000	2,298,000	
MONROE LAKE, IN	E,F,R,W				1,132,000	301,000	1,433,000	
OHIO RIVER LOCKS AND DAMS, KY, IL, IN & OH (See Kentucky)	E,N							
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV (See Kentucky)	N							
PATOKA LAKE, IN	E,F,R,W				1,057,000	314,000	1,371,000	
SALAMONIE LAKE, IN	E,F,R				1,363,000	850,000	2,213,000	
IOWA								
CORALVILLE LAKE, IA	E,F,R				3,996,000	451,000	4,447,000	
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD	E,N			17,775,000	2,468,000	2,275,000	4,743,000	
MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA (See Nebraska)	F							
MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE	E,N				4,039,000	6,504,000	10,543,000	
RATHBUN LAKE, IA	E,F,R,W				2,337,000	167,000	2,504,000	
RED ROCK DAM AND LAKE RED ROCK, IA	E,F,R				4,470,000	708,000	5,178,000	
SAYLORVILLE LAKE, IA	E,F,R,W				5,335,000	427,000	5,762,000	
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI (See Illinois)	E							

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ HIWITE / IVVIE	OPERATION	MAINTENANCE	TOTAL	
KANSAS								
CLINTON LAKE, KS	E,F,R,W				2,084,000	1,447,000	3,531,000	
COUNCIL GROVE LAKE, KS	E,F,R,W				1,529,000	654,000	2,183,000	
EL DORADO LAKE, KS	E,F,R,W				804,000	144,000	948,000	
ELK CITY LAKE, KS	E,F,R,W				1,272,000	236,000	1,508,000	
FALL RIVER LAKE, KS	E,F,R				941,000	361,000	1,302,000	
HILLSDALE LAKE, KS	E,F,R,W				1,139,000	83,000	1,222,000	
JOHN REDMOND DAM AND RESERVOIR, KS	E,F,R,W				1,499,000	380,000	1,879,000	
KANOPOLIS LAKE, KS	E,F,R,W				1,633,000	4,166,000	5,799,000	
MARION LAKE, KS	E,F,R,W				1,372,000	918,000	2,290,000	
MELVERN LAKE, KS	E,F,R,W				2,419,000	602,000	3,021,000	
MILFORD LAKE, KS	E,F,R,W				2,123,000	652,000	2,775,000	
MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE (See Iowa)	E,N				, .,	, , , , , ,	, .,	
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD (See Iowa)	E,N							
PEARSON - SKUBITZ BIG HILL LAKE, KS	E,F,R,W				1,232,000	225,000	1,457,000	
PERRY LAKE, KS	E,F,R,W				2,300,000	574,000	2,874,000	
POMONA LAKE, KS	E,F,R,W				2,112,000	448,000	2,560,000	
SOLDIER CREEK WATERSHED, KS 2/	F		100,000					
TORONTO LAKE, KS	E,F,R,W				604,000	125,000	729,000	
TUTTLE CREEK LAKE, KS	E,F,R,W				2,043,000	668,000	2,711,000	
WILSON LAKE, KS	E,F,R				1,588,000	212,000	1,800,000	
KENTUCKY								
BARKLEY DAM AND LAKE BARKLEY, KY & TN	E,F,H,N,R,W				9,480,000	1,611,000	11,091,000	
BARREN RIVER LAKE, KY	E,F,R,W				2,860,000	1,227,000	4,087,000	
BIG SANDY HARBOR, KY	N	HMTF			20,000	2,034,000	2,054,000	
BUCKHORN LAKE, KY	E,F,R				1,509,000	790,000	2,299,000	
CARR CREEK LAKE, KY	E,F,R,W				1,542,000	880,000	2,422,000	
CAVE RUN LAKE, KY	E,F,R,W				1,296,000	255,000	1,551,000	

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ HIVIT / IVVIF	OPERATION	MAINTENANCE	TOTAL
KENTUCKY (continued)							
DEWEY LAKE, KY	E,F,R				1,246,000	710,000	1,956,000
ELVIS STAHR (HICKMAN) HARBOR, KY	N	HMTF			15,000	920,000	935,000
FALLS OF THE OHIO NATIONAL WILDLIFE, KY & IN	Е				12,000	17,000	29,000
FISHTRAP LAKE, KY	E,F,R				1,350,000	1,369,000	2,719,000
GRAYSON LAKE, KY	E,F,R,W				1,347,000	653,000	2,000,000
GREEN AND BARREN RIVERS, KY	E,N				1,219,000	1,578,000	2,797,000
GREEN RIVER LAKE, KY	E,F,R,W				2,549,000	906,000	3,455,000
KENTUCKY RIVER, KY	N				17,000	200,000	217,000
LAUREL RIVER LAKE, KY	E,H,R,W				2,042,000	399,000	2,441,000
MARTINS FORK LAKE, KY	E,F,R,W				1,262,000	472,000	1,734,000
MIDDLESBORO CUMBERLAND RIVER BASIN, KY	F				188,000	85,000	273,000
NOLIN LAKE, KY	E,F,R,W				2,653,000	550,000	3,203,000
OHIO RIVER LOCKS AND DAMS, KY, IL, IN & OH	E,N				13,444,000	37,133,000	50,577,000
OHIO RIVER LOCKS AND DAMS, WV, KY & OH (See West Virginia)	E,N,R						
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV	N				863,000	6,028,000	6,891,000
OHIO RIVER OPEN CHANNEL WORK, WV, KY & OH (See West Virginia)	N						
PAINTSVILLE LAKE, KY	E,F,R,W				876,000	486,000	1,362,000
ROUGH RIVER LAKE, KY	E,F,R,W			50,000,000	2,752,000	652,000	3,404,000
TAYLORSVILLE LAKE, KY	E,F,R				935,000	231,000	1,166,000
WOLF CREEK DAM, LAKE CUMBERLAND, KY	E,F,H,R,W				8,711,000	1,936,000	10,647,000
YATESVILLE LAKE, KY	E,F,R				916,000	773,000	1,689,000
LOUISIANA							
ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF & BLACK, LA	N	HMTF			484,000	8,000,000	8,484,000
BAYOU BODCAU RESERVOIR, LA	E,F,R				826,000	383,000	1,209,000
BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA	N	HMTF			200,000	650,000	850,000
BAYOU PIERRE, LA	F				-	33,000	33,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENAN	CE / HMTF
	LINE	FUND		/ MINIT / INVIE	OPERATION	MAINTENANCE	TOTAL
LOUISIANA (continued)							
BAYOU SEGNETTE WATERWAY, LA	N	HMTF			10,000	-	10,000
BAYOU TECHE AND VERMILION RIVER, LA	N	HMTF			30,000	-	30,000
BAYOU TECHE, LA	N	HMTF			60,000	-	60,000
CADDO LAKE, LA	F,R				157,000	61,000	218,000
CALCASIEU RIVER AND PASS, LA	N	HMTF			1,900,000	15,500,000	17,400,000
CHEFUNCTE RIVER & BOGUE FALIA, LA	N	HMTF			20,000	-	20,000
FRESHWATER BAYOU, LA	N	HMTF			1,700,000	100,000	1,800,000
GULF INTRACOASTAL WATERWAY, LA	N,R				11,505,000	4,513,000	16,018,000
HOUMA NAVIGATION CANAL, LA	N	HMTF			-	1,050,000	1,050,000
J BENNETT JOHNSTON WATERWAY, LA	E,N,R				7,846,000	590,000	8,436,000
LAKE PROVIDENCE HARBOR, LA	N	HMTF			30,000	-	30,000
MERMENTAU RIVER, LA	N	HMTF			1,800,000	-	1,800,000
MISSISSIPPI RIVER OUTLETS AT VENICE, LA	N	HMTF			250,000	1,100,000	1,350,000
MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA	N	HMTF			4,000,000	87,970,000	91,970,000
OUACHITA AND BLACK RIVERS, AR & LA (See Arkansas)	E,F,N,R						
PEARL RIVER, MS & LA (See Mississippi)	N						
REMOVAL OF AQUATIC GROWTH, LA	N	HMTF			200,000	-	200,000
WALLACE LAKE, LA	F,R				190,000	77,000	267,000
WATERWAY FROM EMPIRE TO THE GULF, LA	N	HMTF			20,000	-	20,000
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA	N	HMTF			10,000	-	10,000
MAINE							
DISPOSAL AREA MONITORING, ME	N	HMTF			1,050,000	-	1,050,000
MEDUXNEKEAG WATERSHED ASSEESSMENT MANAGEMENT PLAN, ME 2/	F		40,000				
UNION RIVER, ME	N	HMTF			-	250,000	250,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ MINIT / INVIE	OPERATION	MAINTENANCE	TOTAL
MARYLAND							
BALTIMORE HARBOR AND CHANNELS (50 FOOT), MD	N	HMTF			1,100,000	19,300,000	20,400,000
BALTIMORE HARBOR, MD (DRIFT REMOVAL)	N	HMTF			15,000	550,000	565,000
CUMBERLAND, MD AND RIDGELEY, WV	F				49,000	165,000	214,000
INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE & MD (See Delaware)	N						
JENNINGS RANDOLPH LAKE, MD & WV	E,F,R,W				2,709,000	1,673,000	4,382,000
NANTICOKE RIVER NORTHWEST FORK, MD	N	HMTF			3,000	-	3,000
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	N	HMTF			600,000	500,000	1,100,000
POCOMOKE RIVER, MD	N	HMTF			3,000	-	3,000
POPLAR ISLAND, MD	N	HMTF		17,300,000			
WICOMICO RIVER, MD	N	HMTF			25,000	4,000,000	4,025,000
YOUGHIOGHENY RIVER LAKE, PA & MD (See Pennsylvania)	E,F,R,W						
MASSACHUSETTS							
BARRE FALLS DAM, MA	E,F,R				781,000	359,000	1,140,000
BIRCH HILL DAM, MA	E,F,R				604,000	592,000	1,196,000
BOSTON HARBOR, MA	N			34,814,000			
BUFFUMVILLE LAKE, MA	E,F,R				851,000	290,000	1,141,000
CAPE COD CANAL, MA	E,R				1,696,000	375,000	2,071,000
CAPE COD CANAL, MA	N	HMTF			6,897,000	2,937,000	9,834,000
CHARLES RIVER NATURAL VALLEY STORAGE AREA, MA	E,F,R				212,000	190,000	402,000
CONANT BROOK LAKE, MA	E,F,R				329,000	87,000	416,000
EAST BRIMFIELD LAKE, MA	E,F,R				851,000	173,000	1,024,000
HODGES VILLAGE DAM, MA	E,F,R				978,000	243,000	1,221,000
KNIGHTVILLE DAM, MA	E,F,R				571,000	533,000	1,104,000
LITTLEVILLE LAKE, MA	E,F,R,W				611,000	221,000	832,000
NEW BEDFORD FAIRHAVEN AND ACUSHNET HURRICANE BARRIER, MA	F				284,000	631,000	915,000
TULLY LAKE, MA	E,F,R				781,000	464,000	1,245,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ HIWITE / IVVIE	OPERATION	MAINTENANCE	TOTAL
MASSACHUSETTS (continued)							
WELLFLEET HARBOR, MA	N	HMTF			-	5,000,000	5,000,000
WEST HILL DAM, MA	E,F,R				810,000	116,000	926,000
WESTVILLE LAKE, MA	E,F,R				1,032,000	252,000	1,284,000
MICHIGAN							
CHANNELS IN LAKE ST CLAIR, MI	N	HMTF			192,000	-	192,000
DETROIT RIVER, MI	E				34,000	-	34,000
DETROIT RIVER, MI	N	HMTF			1,169,000	4,800,000	5,969,000
GRAND HAVEN HARBOR, MI	E				19,000	-	19,000
GRAND HAVEN HARBOR, MI	N	HMTF			-	600,000	600,000
KEWEENAW WATERWAY, MI	E,R				35,000	-	35,000
SAGINAW RIVER, MI	N	HMTF			747,000	2,000,000	2,747,000
SAULT STE MARIE (REPLACEMENT LOCK), MI	N			75,333,000			
SEBEWAING RIVER, MI	F				38,000	22,000	60,000
ST CLAIR RIVER, MI	N	HMTF			202,000	1,370,000	1,572,000
ST MARYS RIVER, MI	E,H,R				1,715,500	4,802,100	6,517,600
ST MARYS RIVER, MI	N	HMTF			12,740,500	15,455,900	28,196,400
MINNESOTA							
BIGSTONE LAKE - WHETSTONE RIVER, MN & SD	E,F				254,000	-	254,000
DULUTH - SUPERIOR HARBOR, MN & WI	E,R				584,000	-	584,000
DULUTH - SUPERIOR HARBOR, MN & WI	N	HMTF			910,000	4,376,000	5,286,000
LAC QUI PARLE LAKES, MINNESOTA RIVER, MN	E,F,R				1,239,000	-	1,239,000
LAKE TRAVERSE, SD & MN (See South Dakota)	E,F,R						
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	E,N,R				26,921,000	27,831,000	54,752,000
ORWELL LAKE, MN	E,F,R				519,000	-	519,000
PRAIRIE ISLAND STURGEON LAKE HABITAT RESTORATION, MN 2/	E		112,000				

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
MINNESOTA (continued)							
DED LAVE DESERVOIR MA					400.000	0.000	405.000
RED LAKE RESERVOIR, MN	E,F				189,000	6,000	195,000
RESERVOIRS AT HEADWATERS OF MISSISSIPPI RIVER, MN	E,F,R				3,536,000	900,000	4,436,000
ST. ANTHONY FALLS, MISSISSIPPI RIVER, MN 1/	N		218,000				
TWO HARBORS, MN	N	HMTF			-	1,000,000	1,000,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI (See Illinois)	E						
MISSISSIPPI							
EAST FORK, TOMBIGBEE RIVER, MS	F				_	290,000	290,000
GULFPORT HARBOR, MS	N	HMTF			135,000	4,220,000	4,355,000
MOUTH OF YAZOO RIVER, MS	N	HMTF			30,000	277,000	307,000
OKATIBBEE LAKE, MS	E,F,R,W				1,420,000	296,000	1,716,000
PASCAGOULA HARBOR, MS	N	HMTF			177,000	3,683,000	3,860,000
PEARL RIVER, MS & LA	N				140,000	-	140,000
ROSEDALE HARBOR, MS	N	HMTF			35,000	-	35,000
TENNESSEE - TOMBIGBEE WATERWAY WILDLIFE MITIGATION, AL & MS (See Alabama)	N						
TENNESSEE - TOMBIGBEE WATERWAY, AL & MS (See Alabama)	E,N,R						
YAZOO RIVER, MS	N	HMTF			-	111,400	111,400
MISSOURI							
CARUTHERSVILLE HARBOR, MO	N	HMTF				15,000	15,000
CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO	E,F,H,N,R,W				4,663,000	2,123,000	6,786,000
CLEARWATER LAKE, MO	E,F,R				2,596,000	891,000	3,487,000
HARRY S TRUMAN DAM AND RESERVOIR, MO	E,F,H,R,W				6,885,000	4,377,000	11,262,000
LITTLE BLUE RIVER LAKES, MO	E,F,R				1,347,000	63,000	1,410,000
LONG BRANCH LAKE, MO	E,F,R,W				804,000	84,000	888,000
MELVIN PRICE LOCK AND DAM (DEFICIENCY CORRECTION), IL & MO (See Illinois)	N						

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ MINIT / IVVIF	OPERATION	MAINTENANCE	TOTAL	
MISSOURI (continued)								
MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO & IL	E,F,N,R				6,998,000	18,047,000	25,045,000	
MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE (See Iowa)	E,N							
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD (See Iowa)	E,N							
NEW MADRID COUNTY HARBOR, MO	N	HMTF			-	10,000	10,000	
NEW MADRID HARBOR, MO (MILE 889)	N	HMTF			-	15,000	15,000	
POMME DE TERRE LAKE, MO	E,F,R,W				2,515,000	307,000	2,822,000	
SMITHVILLE LAKE, MO	E,F,R,W				1,901,000	1,699,000	3,600,000	
SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	N	HMTF			9,000	-	9,000	
STOCKTON LAKE, MO	E,F,H,R,W				3,460,000	1,313,000	4,773,000	
TABLE ROCK LAKE, MO & AR	E,F,H,R,W				6,785,000	3,194,000	9,979,000	
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI (See Illinois)	E							
MONTANA								
FT PECK DAM AND LAKE, MT	E,F,H,N,R,W				5,352,000	392,000	5,744,000	
LIBBY DAM, MT	E,F,R				1,649,000	564,000	2,213,000	
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD (See Iowa)	E,N							
NEBRASKA								
GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE & SD	E,F,H,N,R,W				8,222,000	1,861,000	10,083,000	
HARLAN COUNTY LAKE, NE	E,F,R				2,241,000	273,000	2,514,000	
MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA	F				77,000	36,000	113,000	
MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE (See Iowa)	E,N							

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ MINIT / INVIE	OPERATION	MAINTENANCE	TOTAL
NEBRASKA (continued)							
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD (See Iowa)	E,N						
PAPILLION CREEK, NE	E,F,R				791,000	171,000	962,000
SALT CREEKS AND TRIBUTARIES, NE	E,F,R				909,000	233,000	1,142,000
NEVADA							
MARTIS CREEK LAKE, NV & CA	E,F,R				1,039,000	293,000	1,332,000
PINE AND MATHEWS CANYONS LAKES, NV	E,F				670,000	540,000	1,210,000
NEW HAMPSHIRE							
BLACKWATER DAM, NH	E,F,R				767,000	253,000	1,020,000
EDWARD MACDOWELL LAKE, NH	E,F,R				686,000	202,000	888,000
FRANKLIN FALLS DAM, NH	E,F,R				652,000	505,000	1,157,000
HOPKINTON - EVERETT LAKES, NH	E,F,R				1,481,000	534,000	2,015,000
OTTER BROOK LAKE, NH	E,F,R				571,000	328,000	899,000
RYE HARBOR, NH	N	HMTF			-	200,000	200,000
SURRY MOUNTAIN LAKE, NH	E,F,R				600,000	332,000	932,000
NEW JERSEY							
BARNEGAT INLET, NJ	N	HMTF			9,000	-	9,000
CHEESEQUAKE CREEK, NJ	N	HMTF			<u> </u>	50,000	50,000
COLD SPRING INLET, NJ	N	HMTF			620,000	7,000,000	7,620,000
DELAWARE RIVER AT CAMDEN, NJ	N	HMTF			15,000	-	15,000
DELAWARE RIVER, PHILADELPHIA, PA TO TRENTON, NJ (See Pennsylvania)	N						
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA & DE	N	HMTF			1,345,000	31,013,000	32,358,000
MANASQUAN RIVER, NJ	N	HMTF			2,000	430,000	432,000
NEW JERSEY INTRACOASTAL WATERWAY, NJ	N	HMTF			100,000	795,000	895,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ HIMIT / IVVIF	OPERATION	MAINTENANCE	TOTAL
NEW JERSEY (continued)							
NEW YORK AND NEW JERSEY HARBOR, NY & NJ (See New							
York)	N	HMTF					
NEW YORK HARBOR, NY & NJ (DRIFT REMOVAL) (See New York)	N	HMTF					
NEWARK BAY, HACKENSACK AND PASSAIC RIVERS, NJ	N	HMTF			-	16,600,000	16,600,000
PASSAIC RIVER FLOOD WARNING SYSTEMS, NJ	F				668,000	-	668,000
RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ	F			25,000,000			
RARITAN RIVER, NJ	N	HMTF			-	50,000	50,000
SALEM RIVER, NJ	N	HMTF			100,000	-	100,000
SANDY HOOK BAY AT LEONARD, NJ	N	HMTF			-	10,000	10,000
SHOAL HARBOR AND COMPTON CREEK, NJ	N	HMTF			-	25,000	25,000
SHREWSBURY RIVER, MAIN CHANNEL, NJ	N	HMTF			-	25,000	25,000
NEW MEXICO							
ABIQUIU DAM, NM	E,F,R,W				2,370,000	960,000	3,330,000
COCHITI LAKE, NM	E,F,R				2,889,000	1,299,000	4,188,000
CONCHAS LAKE, NM	E,F,R				2,616,000	1,830,000	4,446,000
GALISTEO DAM, NM	E,F,R				634,000	441,000	1,075,000
JEMEZ CANYON DAM, NM	E,F				917,000	61,000	978,000
MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM, NM	F				1,190,000	-	1,190,000
PUEBLOS OF ZIA WATERSHED ASSESSMENT, NM 2/	F		50,000				
SANTA ROSA DAM AND LAKE, NM	E,F,R				1,296,000	534,000	1,830,000
TWO RIVERS DAM, NM	E,F,R				544,000	164,000	708,000
UPPER RIO GRANDE WATER OPERATIONS MODEL, NM	F				1,205,000	110,000	1,315,000
NEW YORK							
ALMOND LAKE, NY	E,F,R				715,000	111,000	826,000
ARKPORT DAM, NY	E,F				414,000	77,000	491,000
BAY RIDGE AND RED HOOK CHANNELS, NY	N	HMTF			-	25,000	25,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATI	ON & MAINTENANC	E / HMTF
	LINE	FUND		/ MIVILE / IVVIE	OPERATION	MAINTENANCE	TOTAL
NEW YORK (continued)							
DI ACK DOCK CHANNEL AND TONAWANDA HADDOD NY							
BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	E				5,000	-	5,000
BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	N	HMTF			1,365,000	707,000	2,072,000
BRONX RIVER, NY	N	HMTF			-	30,000	30,000
BROWNS CREEK, NY	N	HMTF			-	30,000	30,000
BUFFALO HARBOR, NY	N		250,000				
BUTTERMILK CHANNEL, NY	N	HMTF			-	30,000	30,000
EAST RIVER, NY	N	HMTF			-	455,000	455,000
EAST SIDNEY LAKE, NY	E,F,R				525,000	160,000	685,000
FIRE ISLAND INLET TO JONES INLET, NY	N	HMTF			-	50,000	50,000
FLUSHING BAY AND CREEK, NY	N	HMTF			-	280,000	280,000
GLEN COVE CREEK, NY	N	HMTF			-	15,000	15,000
GREAT KILLS HARBOR, NY	N	HMTF			-	20,000	20,000
GREAT SOUTH BAY, NY	N	HMTF			25,000	-	25,000
HUDSON RIVER CHANNEL, NY	N	HMTF			-	50,000	50,000
HUDSON RIVER, NY (MAINT)	N	HMTF			700,000	8,600,000	9,300,000
HUDSON RIVER, NY (O & C)	N	HMTF			850,000	500,000	1,350,000
JONES INLET, NY	N	HMTF			-	50,000	50,000
LAKE MONTAUK HARBOR, NY	N	HMTF			-	50,000	50,000
MATTITUCK HARBOR, NY	N	HMTF			-	15,000	15,000
MOUNT MORRIS DAM, NY	E,F,R				2,191,000	1,413,000	3,604,000
NEW YORK AND NEW JERSEY CHANNELS, NY	N	HMTF			-	14,100,000	14,100,000
NEW YORK AND NEW JERSEY HARBOR, NY & NJ	N	HMTF			-	16,200,000	16,200,000
NEW YORK HARBOR, NY	N	HMTF			2,300,000	4,665,000	6,965,000
NEW YORK HARBOR, NY & NJ (DRIFT REMOVAL)	N	HMTF			7,876,000	3,295,000	11,171,000
NEW YORK HARBOR, NY (PREVENTION OF OBSTRUCTIVE DEPOSITS)	N	HMTF			1,642,000	106,000	1,748,000
PORTCHESTER HARBOR, NY	N	HMTF			-	30,000	30,000
SOUTHERN NEW YORK FLOOD CONTROL PROJECTS, NY	F				591,000	293,000	884,000
WHITNEY POINT LAKE, NY	E,F,R				723,000	220,000	943,000

PROJECT	BUSINESS	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL	
NORTH CAROLINA							
ATLANTIC INTRACOASTAL WATERWAY, NC	N				580,000	1,575,000	2,155,000
B EVERETT JORDAN DAM AND LAKE, NC	E,F,R,W				1,671,000	241,000	1,912,000
CAPE FEAR LOCKS AND DAMS 1-3, NC 1/	N		393,000				
CAPE FEAR RIVER ABOVE WILMINGTON, NC	R				134,000	6,000	140,000
CAPE FEAR RIVER ABOVE WILMINGTON, NC	N	HMTF			355,000	-	355,000
FALLS LAKE, NC	E,F,R,W				1,579,000	198,000	1,777,000
JOHN H KERR LAKE, VA & NC (See Virginia)	E,F,H,R,W						
MANTEO (SHALLOWBAG) BAY, NC	N	HMTF			806,000	-	806,000
MASONBORO INLET AND CONNECTING CHANNELS, NC	N	HMTF			25,000	-	25,000
MOREHEAD CITY HARBOR, NC	N	HMTF			825,000	6,715,000	7,540,000
NEW RIVER INLET, NC	N	HMTF			30,000	-	30,000
ROLLINSON CHANNEL, NC	N	HMTF			60,000	590,000	650,000
SILVER LAKE HARBOR, NC	N	HMTF			60,000	-	60,000
W KERR SCOTT DAM AND RESERVOIR, NC	E,F,R,W				2,576,000	775,000	3,351,000
WILMINGTON HARBOR, NC	N	HMTF			1,000,000	15,560,000	16,560,000
NORTH DAKOTA							
BOWMAN HALEY, ND	E,F,R				317,000	-	317,000
GARRISON DAM, LAKE SAKAKAWEA, ND	E,F,H,N,R,W				14,060,000	1,941,000	16,001,000
HOMME LAKE, ND	E,F				352,000	-	352,000
LAKE ASHTABULA AND BALDHILL DAM, ND	E,F,R				1,483,000	105,000	1,588,000
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD (See Iowa)	E,N						·
OAHE DAM, LAKE OAHE, SD & ND (See South Dakota)	E,F,H,N,R,W						
PIPESTEM LAKE, ND	E,F,R				706,000	-	706,000
SOURIS RIVER, ND	F				386,000	-	386,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ HIVIT / IVVIF	OPERATION	MAINTENANCE	TOTAL	
оню								
ALUM CREEK LAKE, OH	E,F,R,W				1,466,000	515,000	1,981,000	
ASHTABULA HARBOR, OH	N	HMTF			108,000	-	108,000	
BERLIN LAKE, OH	E,F,R,W				2,113,000	649,000	2,762,000	
CAESAR CREEK LAKE, OH	E,F,R,W				1,872,000	1,065,000	2,937,000	
CLARENCE J BROWN DAM, OH	E,F,R				1,208,000	273,000	1,481,000	
CLEVELAND HARBOR, OH	N	HMTF			1,105,000	6,861,000	7,966,000	
CLEVELAND HARBOR, OH	N		100,000					
CONNEAUT HARBOR, OH	N	HMTF			105,000	1,111,000	1,216,000	
DEER CREEK LAKE, OH	E,F,R				1,334,000	2,063,000	3,397,000	
DELAWARE LAKE, OH	E,F,R				1,141,000	605,000	1,746,000	
DILLON LAKE, OH	E,F,R				1,216,000	988,000	2,204,000	
FAIRPORT HARBOR, OH	N	HMTF			8,000	1,122,000	1,130,000	
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH & WI (See Illinois)	E				·		· · ·	
MASSILLON LOCAL PROTECTION PROJECT, OH	F				110,000	5,000	115,000	
MICHAEL J KIRWAN DAM AND RESERVOIR, OH	E,F,R				1,112,000	369,000	1,481,000	
MOSQUITO CREEK LAKE, OH	E,F,R,W				1,103,000	349,000	1,452,000	
MUSKINGUM RIVER LAKES, OH	E,F,R				7,014,000	5,445,000	12,459,000	
NORTH BRANCH KOKOSING RIVER LAKE, OH	E,F,R				531,000	200,000	731,000	
OHIO-MISSISSIPPI FLOOD CONTROL, OH	F				1,537,000	-	1,537,000	
OHIO RIVER LOCKS AND DAMS, KY, IL, IN & OH (See Kentucky)	E,N							
OHIO RIVER LOCKS AND DAMS, PA, OH & WV (See Pennsylvania)	N							
OHIO RIVER LOCKS AND DAMS, WV, KY & OH (See West Virginia)	E,N,R							
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV (See Kentucky)	N							
OHIO RIVER OPEN CHANNEL WORK, PA, OH & WV (See Pennsylvania)	N							
OHIO RIVER OPEN CHANNEL WORK, WV, KY & OH (See West Virginia)	N							
PAINT CREEK LAKE, OH	E,F,R,W				1,382,000	1,598,000	2,980,000	

PROJECT		TRUST INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE			/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
OHIO (continued)							
ROSEVILLE LOCAL PROTECTION PROJECT, OH	F					54,000	54,000
SANDUSKY HARBOR, OH	N	HMTF			33,000	880,000	913,000
TOLEDO HARBOR, OH	N	HMTF			659,000	4,000,000	4,659,000
TOM JENKINS DAM, OH	E,F,R,W				993,000	462,000	1,455,000
WEST FORK OF MILL CREEK LAKE, OH	E,F,R				868,000	334,000	1,202,000
WILLIAM H HARSHA LAKE, OH	E,F,R,W				1,490,000	1,176,000	2,666,000
OKLAHOMA							
ARCADIA LAKE, OK	E,F,R,W				425,000	82,000	507,000
BIRCH LAKE, OK	E,F,R				971,000	140,000	1,111,000
BROKEN BOW LAKE, OK	E,F,H,R,W				3,210,000	687,000	3,897,000
CANTON LAKE, OK	E,F,R,W				1,464,000	296,000	1,760,000
COPAN LAKE, OK	E,F,R,W				931,000	241,000	1,172,000
EUFAULA LAKE, OK	E,F,H,N,R,W				5,065,000	2,158,000	7,223,000
FORT GIBSON LAKE, OK	E,F,H,R				4,715,000	773,000	5,488,000
FORT SUPPLY LAKE, OK	E,F,R				804,000	456,000	1,260,000
GREAT SALT PLAINS LAKE, OK	E,F,R				277,000	66,000	343,000
HEYBURN LAKE, OK	E,F,R,W				695,000	129,000	824,000
HUGO LAKE, OK	E,F,R,W				1,716,000	223,000	1,939,000
HULAH LAKE, OK	E,F,R,W				542,000	468,000	1,010,000
KAW LAKE, OK	E,F,R,W				2,103,000	285,000	2,388,000
KEYSTONE LAKE, OK	E,F,H,N,R,W				3,917,000	1,126,000	5,043,000
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK	E,H,N,R				11,989,000	7,198,000	19,187,000
OOLOGAH LAKE, OK	E,F,R,W				2,624,000	480,000	3,104,000
OPTIMA LAKE, OK	F				91,000	4,000	95,000
PENSACOLA RESERVOIR, LAKE OF THE CHEROKEES, OK	F				153,000	7,000	160,000
PINE CREEK LAKE, OK	E,F,R,W				1,337,000	118,000	1,455,000
SARDIS LAKE, OK	E,F,R,W				1,138,000	1,390,000	2,528,000
SKIATOOK LAKE, OK	E,F,R,W				1,170,000	312,000	1,482,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE			/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL	
OKLAHOMA (continued)								
TENKILLER FERRY LAKE, OK	E,F,H,R,W				4,036,000	733,000	4,769,000	
WAURIKA LAKE, OK	E,F,R,W				1,203,000	401,000	1,604,000	
WISTER LAKE, OK	E,F,R,W				729,000	171,300	900,300	
OREGON								
APPLEGATE LAKE, OR	E,F				1,141,000	125,000	1,266,000	
BLUE RIVER LAKE, OR	E,F,R				924,000	169,000	1,093,000	
BONNEVILLE LOCK AND DAM, OR & WA	E,R				1,864,000	55,000	1,919,000	
BONNEVILLE LOCK AND DAM, OR & WA	N	HMTF			3,039,000	2,699,000	5,738,000	
CHETCO RIVER, OR	N	HMTF			22,000	932,000	954,000	
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA & PORTLAND, OR (See Washington)	N							
COLUMBIA RIVER AT BAKER BAY, WA & OR (See Washington)	N							
COLUMBIA RIVER AT THE MOUTH, OR & WA	N			36,000,000				
COLUMBIA RIVER AT THE MOUTH, OR & WA	N	HMTF			1,075,000	22,684,000	23,759,000	
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR (See Washington)	N							
COLUMBIA RIVER FISH MITIGATION, WA, OR & ID (CRFM) (See Washington)	E,F,N							
COLUMBIA RIVER TREATY 2024 IMPLEMENTATION, OR & WA	F		9,458,000					
COOS BAY, OR	N	HMTF			767,000	4,035,000	4,802,000	
COQUILLE RIVER, OR	N	HMTF			30,000	485,000	515,000	
COTTAGE GROVE LAKE, OR	E,F,R				1,267,000	249,000	1,516,000	
COUGAR LAKE, OR	E,F,N,R,W		1,250,000		2,205,000	1,781,000	3,986,000	
DEPOE BAY, OR	N	HMTF			24,000	-	24,000	
DETROIT LAKE, OR	E,F,N,R,W				926,000	128,000	1,054,000	
DORENA LAKE, OR	E,F,R,W				1,285,000	214,000	1,499,000	
ELK CREEK LAKE, OR	E,F				102,000	203,000	305,000	
FALL CREEK LAKE, OR	E,F,R				1,257,000	247,000	1,504,000	
FERN RIDGE LAKE, OR	E,F,R				1,894,000	184,000	2,078,000	

PROJECT	BUSINESS TRUST LINE FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF			
		FUND		/ MIVIT / IVVIF	OPERATION	MAINTENANCE	TOTAL
OREGON (continued)							
GREEN PETER - FOSTER LAKES, OR	E,F,N,R,W				2,287,000	344,000	2,631,000
HILLS CREEK LAKE, OR	E,F,N,R,W		1,250,000		1,360,000	81,000	1,441,000
JOHN DAY LOCK AND DAM, OR & WA	E,F,N,R				4,753,000	1,211,000	5,964,000
LOOKOUT POINT LAKE, OR	E,F,N,R,W		1,250,000		2,085,000	102,000	2,187,000
LOST CREEK LAKE, OR	E,F,R,W				3,719,000	143,000	3,862,000
MCNARY LOCK AND DAM, OR & WA	E,N,R				3,805,000	6,099,000	9,904,000
NEHALEM BAY, OR	N	HMTF			20,000	-	20,000
PORT ORFORD, OR	N	HMTF			30,000	1,272,000	1,302,000
ROGUE RIVER AT GOLD BEACH, OR	N	HMTF			-	942,000	942,000
SIUSLAW RIVER, OR	N	HMTF			30,000	945,000	975,000
SKIPANON CHANNEL, OR	N	HMTF			3,000	-	3,000
THE DALLES LOCK AND DAM, WA & OR (See Washington)	E,N,R						
TILLAMOOK BAY & BAR, OR	N	HMTF			25,000	-	25,000
UMPQUA RIVER, OR	N	HMTF			40,000	1,059,000	1,099,000
WILLAMETTE RIVER AT WILLAMETTE FALLS, OR	N				65,000	-	65,000
WILLAMETTE RIVER BANK PROTECTION, OR	F				203,000	-	203,000
WILLOW CREEK LAKE, OR	E,F				707,000	306,000	1,013,000
YAQUINA BAY AND HARBOR, OR	N	HMTF			40,000	4,035,000	4,075,000
PENNSYLVANIA							
ALLEGHENY RIVER, PA	N				5,049,000	2,128,000	7,177,000
ALVIN R BUSH DAM, PA	E,F,R				573,000	476,000	1,049,000
AYLESWORTH CREEK LAKE, PA	E,F,R				239,000	120,000	359,000
BELTZVILLE LAKE, PA	E,F				1,181,000	700,000	1,881,000
BLUE MARSH LAKE, PA	E,F,R				2,421,000	419,000	2,840,000
CONEMAUGH RIVER LAKE, PA	E,F,R				1,542,000	309,000	1,851,000
COWANESQUE LAKE, PA	E,F,R,W				1,702,000	415,000	2,117,000
CROOKED CREEK LAKE, PA	E,F,R				1,644,000	1,894,000	3,538,000
CURWENSVILLE LAKE, PA	E,F,R,W				760,000	179,000	939,000

PROJECT	BUSINESS	TRUST	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL	
PENNSYLVANIA (continued)								
DELAWARE RIVER, PHILADELPHIA, PA TO TRENTON, NJ	N	HMTF			900,000	3,230,000	4,130,000	
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA & DE (See New Jersey)	N							
EAST BRANCH CLARION RIVER LAKE, PA	E,F,R				1,179,000	988,000	2,167,000	
FOSTER JOSEPH SAYERS DAM, PA	E,F,R				1,034,000	5,619,000	6,653,000	
FRANCIS E WALTER DAM, PA	E,F				773,000	770,000	1,543,000	
GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA	F				285,000	50,000	335,000	
JOHNSTOWN, PA	F				21,000	-	21,000	
KINZUA DAM AND ALLEGHENY RESERVOIR, PA	E,F,R				1,323,000	259,000	1,582,000	
LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA	N			111,000,000				
LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA	N			[55,500,000]				
LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA	N	IWTF		[55,500,000]				
LOYALHANNA LAKE, PA	E,F,R				1,573,000	6,743,000	8,316,000	
MAHONING CREEK LAKE, PA	E,F,R				1,152,000	283,000	1,435,000	
MONONGAHELA RIVER, PA	N				12,201,000	4,665,000	16,866,000	
OHIO RIVER LOCKS AND DAMS, PA, OH & WV	N				14,729,000	18,042,000	32,771,000	
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV (See Kentucky)	N							
OHIO RIVER OPEN CHANNEL WORK, PA, OH & WV	N				199,000	760,000	959,000	
PROMPTON LAKE, PA	E,F				515,000	40,000	555,000	
PUNXSUTAWNEY, PA	F				33,000	829,000	862,000	
RAYSTOWN LAKE, PA	E,F,R				3,701,000	883,000	4,584,000	
SCHUYLKILL RIVER, PA	N	HMTF			100,000	3,983,000	4,083,000	
SHENANGO RIVER LAKE, PA	E,F,R				2,360,000	484,000	2,844,000	
STILLWATER LAKE, PA	E,F				443,000	195,000	638,000	
TIOGA - HAMMOND LAKES, PA	E,F,R				2,414,000	647,000	3,061,000	
TIONESTA LAKE, PA	E,F,R				2,131,000	3,379,000	5,510,000	
UNION CITY LAKE, PA	E,F,R				441,000	97,000	538,000	
WOODCOCK CREEK LAKE, PA	E,F,R				945,000	165,000	1,110,000	
YORK INDIAN ROCK DAM, PA	E,F				689,000	237,000	926,000	
YOUGHIOGHENY RIVER LAKE, PA & MD	E,F,R,W				2,718,000	520,000	3,238,000	

PROJECT	BUSINESS	BUSINESS TRUST	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ MINIT / INVIE	OPERATION	MAINTENANCE	TOTAL	
PUERTO RICO								
SAN JUAN HARBOR, PR	N	HMTF			730,000	-	730,000	
RHODE ISLAND								
FOX POINT BARRIER, NARRANGANSETT BAY, RI	F				273,000	2,517,000	2,790,000	
PROVIDENCE RIVER AND HARBOR, RI	N	HMTF			-	1,500,000	1,500,000	
WOONSOCKET, RI	F				513,000	185,000	698,000	
SOUTH CAROLINA								
ATLANTIC INTRACOASTAL WATERWAY, SC	N				240,000	45,000	285,000	
CHARLESTON HARBOR, SC	N			138,040,078				
CHARLESTON HARBOR, SC	N	HMTF			1,167,000	18,309,000	19,476,000	
COOPER RIVER, CHARLESTON HARBOR, SC	N	HMTF			1,909,000	2,085,000	3,994,000	
HARTWELL LAKE, GA & SC (See Georgia)	E,F,H,N,R,W							
J STROM THURMOND LAKE, GA & SC (See Georgia)	E,F,H,N,R,W							
RICHARD B RUSSELL DAM AND LAKE, GA & SC (See Georgia)	E,F,H,R,W							
SOUTH DAKOTA								
BIG BEND DAM, LAKE SHARPE, SD	E,H,R,W				8,014,000	1,674,000	9,688,000	
BIGSTONE LAKE - WHETSTONE RIVER, MN & SD (See Minnesota)	E,F							
COLD BROOK LAKE, SD	E,F,R				405,000	8,000	413,000	
COTTONWOOD SPRINGS LAKE, SD	E,F,R				343,000	3,000	346,000	
FORT RANDALL DAM, LAKE FRANCIS CASE, SD	E,F,H,N,R,W				10,129,000	2,269,000	12,398,000	
GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE & SD (See Nebraska)	E,F,H,N,R,W							
LAKE TRAVERSE, SD & MN	E,F,R				648,000	-	648,000	

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE			/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL	
SOUTH DAKOTA (continued)								
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD (See Iowa)	E,N							
OAHE DAM, LAKE OAHE, SD & ND	E,F,H,N,R,W				11,783,000	1,940,000	13,723,000	
TENNESSEE								
BARKLEY DAM AND LAKE BARKLEY, KY & TN (See Kentucky)	E,F,H,N,R,W							
CENTER HILL LAKE, TN	E,F,H,R,W				6,306,000	1,271,000	7,577,000	
CHEATHAM LOCK AND DAM, TN	E,H,N,R,W				6,752,000	1,520,000	8,272,000	
CORDELL HULL DAM AND RESERVOIR, TN	E,H,N,R,W				6,940,000	1,119,000	8,059,000	
DALE HOLLOW LAKE, TN	E,F,H,R,W				6,464,000	1,192,000	7,656,000	
J PERCY PRIEST DAM AND RESERVOIR, TN	E,F,H,R,W				4,624,000	1,213,000	5,837,000	
NORTHWEST TENNESSEE REGIONAL HARBOR, LAKE COUNTY, TN	N	HMTF			-	15,000	15,000	
OLD HICKORY LOCK AND DAM, TN	E,H,N,R,W				9,679,000	3,631,000	13,310,000	
TENNESSEE RIVER, TN	N				17,811,000	5,981,000	23,792,000	
WOLF RIVER HARBOR, TN	N	HMTF			-	655,000	655,000	
TEXAS								
AQUILLA LAKE, TX	E,F,R,W				989,000	222,000	1,211,000	
ARKANSAS - RED RIVER BASINS CHLORIDE CONTROL - AREA VIII, TX	E				1,772,000	25,000	1,797,000	
BARDWELL LAKE, TX	E,F,R,W				1,740,000	453,000	2,193,000	
BELTON LAKE, TX	E,F,R,W				3,203,000	2,563,000	5,766,000	
BENBROOK LAKE, TX	E,F,R,W				2,942,000	278,000	3,220,000	
BRAZOS ISLAND HARBOR, TX	N	HMTF			325,000	2,675,000	3,000,000	
BUFFALO BAYOU AND TRIBUTARIES, TX	F				2,920,000	140,000	3,060,000	
CANYON LAKE, TX	E,F,R,W				2,903,000	411,000	3,314,000	
CHANNEL TO HARLINGEN, TX	N	HMTF			50,000	-	50,000	
CORPUS CHRISTI SHIP CHANNEL, TX	N	HMTF			600,000	7.700.000	8,300,000	

PROJECT	PROJECT BUSINESS TRUST INVESTIGATIONS	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND	/1	/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
TEXAS (continued)							
CORPUS CHRISTI SHIP CHANNEL, TX	N		250,000				
CORPUS CHRISTI SHIP CHANNEL, TX (MAIN CHANNEL AND BARGE LANES)	N			53,313,000			
DENISON DAM, LAKE TEXOMA, TX	E,F,H,R,W				7,607,000	1,446,000	9,053,000
ESTELLINE SPRINGS EXPERIMENTAL PROJECT, TX	E				29,000	10,000	39,000
FERRELLS BRIDGE DAM, LAKE O' THE PINES, TX	E,F,R,W				2,717,000	926,000	3,643,000
FREEPORT HARBOR, TX	N	HMTF			400,000	4,300,000	4,700,000
GALVESTON HARBOR AND CHANNEL, TX	N	HMTF			400,000	10,500,000	10,900,000
GIWW, CHANNEL TO VICTORIA, TX	N	HMTF			50,000	3,950,000	4,000,000
GIWW, CHOCOLATE BAYOU, TX	N	HMTF			50,000	-	50,000
GRANGER DAM AND LAKE, TX	E,F,R,W				1,890,000	1,148,000	3,038,000
GRAPEVINE LAKE, TX	E,F,R,W		1,000,000		2,699,000	360,000	3,059,000
GULF INTRACOASTAL WATERWAY, TX	N				6,850,000	28,425,000	35,275,000
HORDS CREEK LAKE, TX	E,F,R				1,286,000	199,000	1,485,000
HOUSTON SHIP CHANNEL, TX	N	HMTF			6,950,000	15,050,000	22,000,000
JIM CHAPMAN LAKE, TX	E,F,R,W				1,410,000	662,000	2,072,000
JOE POOL LAKE, TX	E,F,R,W				1,242,000	173,000	1,415,000
LAKE KEMP, TX	F				233,000	35,000	268,000
LAVON LAKE, TX	E,F,R,W				2,979,000	936,000	3,915,000
LEWISVILLE DAM, TX	E,F,R,W				2,840,000	743,000	3,583,000
MATAGORDA SHIP CHANNEL, TX	N	HMTF			350,000	4,100,000	4,450,000
NAVARRO MILLS LAKE, TX	E,F,R,W				1,983,000	378,000	2,361,000
NORTH SAN GABRIEL DAM AND LAKE GEORGETOWN, TX	E,F,R,W				2,787,000	480,000	3,267,000
O C FISHER DAM AND LAKE, TX	E,F,R,W				980,000	707,000	1,687,000
PAT MAYSE LAKE, TX	E,F,R,W				1,050,000	52,000	1,102,000
PROCTOR LAKE, TX	E,F,R,W		755,000		2,149,000	309,000	2,458,000
RAY ROBERTS LAKE, TX	E,F,R,W				1,437,000	280,000	1,717,000
SABINE - NECHES WATERWAY, TX	N	HMTF			1,225,000	10,450,000	11,675,000
SAM RAYBURN DAM AND RESERVOIR, TX	E,F,H,R,W				5,481,000	1,797,000	7,278,000
SOMERVILLE LAKE, TX	E,F,R,W				2,737,000	277,000	3,014,000
STILLHOUSE HOLLOW DAM, TX	E,F,R,W				2,218,000	2,534,000	4,752,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANC		-		E/HMTF
	LINE	FUND		/ HIVIT / IVVIF	OPERATION	MAINTENANCE	TOTAL		
TEXAS (continued)									
TEXAS CITY SHIP CHANNEL, TX	N	HMTF			500,000	-	500,000		
TOWN BLUFF DAM, B A STEINHAGEN LAKE, TX	E,F,H,R				2,360,000	2,466,000	4,826,000		
WACO LAKE, TX	E,F,R,W				2,585,000	635,000	3,220,000		
WALLISVILLE LAKE, TX	F				2,588,000	205,000	2,793,000		
WHITNEY LAKE, TX	E,F,H,R,W				5,081,000	2,003,000	7,084,000		
WRIGHT PATMAN DAM AND LAKE, TX	E,F,R,W				2,686,000	1,703,000	4,389,000		
VERMONT									
BALL MOUNTAIN, VT	E,F,R				908,000	1,298,000	2,206,000		
NORTH HARTLAND LAKE, VT	E,F,R				656,000	356,000	1,012,000		
NORTH SPRINGFIELD LAKE, VT	E,F,R				663,000	687,000	1,350,000		
VERMONT (continued)									
TOWNSHEND LAKE, VT	E,F,R				536,000	327,000	863,000		
UNION VILLAGE DAM, VT	E,F,R				584,000	408,000	992,000		
VIRGINIA									
ATLANTIC INTRACOASTAL WATERWAY - ACC, VA	N				679,000	-	679,000		
ATLANTIC INTRACOASTAL WATERWAY - DSC, VA	F,N				640,000	-	640,000		
CHINCOTEAGUE INLET, VA	N	HMTF			-	400,000	400,000		
GATHRIGHT DAM AND LAKE MOOMAW, VA	F				2,612,000	-	2,612,000		
HAMPTON ROADS, NORFOLK & NEWPORT NEWS HARBOR, VA (DRIFT REMOVAL)	N	HMTF			200,000	1,500,000	1,700,000		
HAMPTON ROADS, VA (PREVENTION OF OBSTRUCTIVE DEPOSITS)	N	HMTF			120,000	-	120,000		
JAMES RIVER CHANNEL, VA	N	HMTF			350,000	3,010,000	3,360,000		
JOHN H KERR LAKE, VA & NC	E,F,H,R,W				6,904,000	4,690,000	11,594,000		
JOHN W FLANNAGAN DAM AND RESERVOIR, VA	E,F,R,W				1,699,000	734,000	2,433,000		
NORFOLK HARBOR, VA	N	HMTF			505,000	15,460,000	15,965,000		

PROJECT	BUSINESS LINE	INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND	'	/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
VIRGINIA (continued)							
NORFOLK HARBOR AND CHANNELS, VA (DEEPENING)	N		2,500,000				
NORTH FORK OF POUND RIVER LAKE, VA	E,F,R,W				562,000	203,000	765,000
PHILPOTT LAKE, VA	E,F,H,R,W				4,113,000	1,391,000	5,504,000
RAPPAHANNOCK RIVER, VA	N	HMTF			210,000	-	210,000
RUDEE INLET, VA	N	HMTF			-	320,000	320,000
WATER AND ENVIRONMENTAL CERTIFICATIONS, VA	N	HMTF			-	150,000	150,000
WASHINGTON							
BELLINGHAM HARBOR, WA	N	HMTF			30,000	-	30,000
BONNEVILLE LOCK AND DAM, OR & WA (See Oregon)	E,N,R						
CHIEF JOSEPH DAM, WA	R				560,000	28,000	588,000
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA & PORTLAND, OR	N	HMTF			2,824,000	49,412,000	52,236,000
COLUMBIA RIVER AT BAKER BAY, WA & OR	N	HMTF			7,000	1,821,000	1,828,000
COLUMBIA RIVER AT THE MOUTH, OR & WA (See Oregon)	N						
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR	N	HMTF			106,000	951,000	1,057,000
COLUMBIA RIVER FISH MITIGATION, WA, OR & ID (CRFM)	E,N			21,602,000	2,307,000	290,000	2,597,000
CRFM [COLUMBIA RIVER]	E			[8,992,000]			
CRFM [WILLAMETTE RIVER]	Е			[12,610,000]			
COLUMBIA RIVER TREATY 2024 IMPLEMENTATION, OR & WA (See Oregon)	F						
EVERETT HARBOR AND SNOHOMISH RIVER, WA	N	HMTF			281,000	1,856,000	2,137,000
GRAYS HARBOR, WA	N	HMTF			805,000	10,023,000	10,828,000
HOWARD HANSON DAM, WA	E,F				2,880,000	1,467,000	4,347,000
ICE HARBOR LOCK AND DAM, WA	E,N,R				2,906,000	4,097,000	7,003,000
JOHN DAY LOCK AND DAM, OR & WA (See Oregon)	E,F,N,R						
KENMORE NAVIGATION CHANNEL, WA	N	HMTF			580,000	6,065,000	6,645,000
LAKE CROCKETT (KEYSTONE HARBOR), WA	N	HMTF			355,000	1,373,000	1,728,000
LAKE WASHINGTON SHIP CANAL, WA	E,R				1,058,000	202,000	1,260,000
LAKE WASHINGTON SHIP CANAL, WA	N	HMTF			5,518,000	2,541,000	8,059,000

PROJECT	BUSINESS	TRUST FUND	INVESTIGATIONS	CONSTRUCTION	OPERATI	RATION & MAINTENANCE / HMTF	
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
WASHINGTON (continued)							
LITTLE GOOSE LOCK AND DAM, WA	E,N,R				1,335,000	3,138,000	4,473,000
LOWER GRANITE LOCK AND DAM, WA	E,N,R				1,762,000	1,547,000	3,309,000
LOWER MONUMENTAL LOCK AND DAM, WA	E,N,R				1,387,000	1,532,000	2,919,000
MCNARY LOCK AND DAM, OR & WA (See Oregon)	E,N,R						
MILL CREEK LAKE, WA	E,F,R				1,643,000	1,103,000	2,746,000
MOUNT SAINT HELENS SEDIMENT CONTROL, WA	F				223,000	43,000	266,000
MUD MOUNTAIN DAM, WA	E,F,R			15,694,160	4,528,000	2,018,000	6,546,000
PUGET SOUND AND TRIBUTARY WATERS, WA	N	HMTF			1,575,000	150,000	1,725,000
PUGET SOUND NEARSHORE MARINE HABITAT RESTORATION, WA	E		1,467,000				
QUILLAYUTE RIVER, WA	N	HMTF			280,000	-	280,000
SEATTLE HARBOR, WA	N	HMTF			211,000	-	211,000
STILLAGUAMISH RIVER, WA	F				200,000	97,000	297,000
SWINOMISH CHANNEL, WA	N	HMTF			50,000	-	50,000
TACOMA HARBOR, WA	N	HMTF			50,000	-	50,000
TACOMA, PUYALLUP RIVER, WA	F				137,000	47,000	184,000
THE DALLES LOCK AND DAM, WA & OR	E,N,R				2,670,000	937,000	3,607,000
WILLAPA RIVER AND HARBOR, WA	N	HMTF			530,000	-	530,000
WEST VIRGINIA							
BEECH FORK LAKE, WV	E,F,R				1,226,000	485,000	1,711,000
BLUESTONE LAKE, WV	E,F,R				1,517,000	723,000	2,240,000
BURNSVILLE LAKE, WV	E,F,R				2,090,000	630,000	2,720,000
CUMBERLAND, MD AND RIDGELEY, WV (See Maryland)	F						
EAST LYNN LAKE, WV	E,F,R				1,759,000	885,000	2,644,000
ELKINS, WV	F				25,000	-	25,000
JENNINGS RANDOLPH LAKE, MD & WV (See Maryland)	E,F,R,W						
KANAWHA RIVER LOCKS AND DAMS, WV	E,N,R				7,091,000	5,550,000	12,641,000
OHIO RIVER LOCKS AND DAMS, PA, OH & WV (See Pennsylvania)	N						

PROJECT	BUSINESS	TRUST INVESTIGATIONS	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
	LINE	FUND		/ HMTF / IWTF	OPERATION	MAINTENANCE	TOTAL
WEST VIRGINIA (continued)							
OHIO RIVER LOCKS AND DAMS, WV, KY & OH	E,N,R				14,616,000	9,745,000	24,361,000
OHIO RIVER COORS AND DAMS, WY, KY & OH OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV (See Kentucky)	N N				14,010,000	3,743,000	24,301,000
OHIO RIVER OPEN CHANNEL WORK, PA, OH & WV (See Pennsylvania)	N						
OHIO RIVER OPEN CHANNEL WORK, WV, KY & OH	N				715,000	1,995,000	2,710,000
R D BAILEY LAKE, WV	E,F,R				1,620,000	872,000	2,492,000
STONEWALL JACKSON LAKE, WV	E,F,R,W				1,222,000	244,000	1,466,000
SUMMERSVILLE LAKE, WV	E,F,R,W				1,714,000	857,000	2,571,000
SUTTON LAKE, WV	E,F,R				2,134,000	846,000	2,980,000
TYGART LAKE, WV	E,F,R,W				1,444,000	223,000	1,667,000
WISCONSIN							
DULUTH - SUPERIOR HARBOR, MN & WI (See Minnesota)	E,N,R						
EAU GALLE RIVER LAKE, WI	E,F,R				1,020,000	35,000	1,055,000
FOX RIVER, WI	E,F				2,370,000	9,087,000	11,457,000
GREEN BAY HARBOR, WI	N	HMTF			437,000	3,000,000	3,437,000
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH & WI (See Illinois)	E						
KEWAUNEE HARBOR, WI	E				13,000	-	13,000
MILWAUKEE HARBOR, WI	N	HMTF			-	1,341,000	1,341,000
STURGEON BAY HARBOR AND LAKE MICHIGAN SHIP CANAL, WI	N,R				7,000	-	7,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI (See Illinois)	E						
WYOMING							
JACKSON HOLE LEVEES, WY	F				350,000	785,000	1,135,000

PROJECT	BUSINESS	TRUST CONSTRUCTION		OPERATION & MAINTENANCE / HMTF			
PROJECT	LINE	FUND	CONSTRUCTION	OPERATION	MAINTENANCE	TOTAL	
LOWER MISSISSIPPI RIVER MAIN STEM (LMRMS)			56,749,000	29,654,000	75,479,000	105,133,000	
LMRMS [Atchafalaya Basin, LA]	F,N		[1,500,000]	[8,115,000]	[2,850,000]	[10,965,000]	
LMRMS [Atchafalaya Basin Floodway System, LA]	E,F,R		[300,000]	[1,202,000]	[590,000]	[1,792,000]	
LMRMS [Bonnet Carre, LA]	E,F,R			[4,005,000]	[200,000]	[4,205,000]	
LMRMS [Channel Improvement, Revetments, AR, IL, KY, LA, MS, MO & TN]	F		[35,549,000]		[56,647,000]	[56,647,000]	
LMRMS [Channel Improvement - Dikes, AR, IL, KY, LA, MS, MO & TN]	N		[3,100,000]	_	[5,500,000]	[5,500,000]	
LMRMS [Channel Improvement - Dredging, AR, IL, KY, LA, MS, MO & TN]	N			[5,694,000]	[2,200,000]	[7,894,000]	
LMRMS [Mississippi River Levees, AR, IL, KY, LA, MS, MO & TN]	F		[16,300,000]	[2,739,000]	[5,912,000]	[8,651,000]	
LMRMS [Old River, LA]	E,F,N,R			[7,899,000]	[1,580,000]	[9,479,000]	
ARKANSAS							
HELENA HARBOR, PHILLIPS COUNTY, AR	N	HMTF		15,000	525,000	540,000	
LOWER ARKANSAS RIVER, NORTH BANK, AR	F			54,000	958,000	1,012,000	
LOWER ARKANSAS RIVER, SOUTH BANK, AR	F			56,000	92,000	148,000	
RED-OUACHITA RIVER BASIN LEVEES, AR & LA	F			56,000	85,000	141,000	
ST FRANCIS BASIN, AR & MO	F			-	5,100,000	5,100,000	
TENSAS BASIN, BOEUF AND TENSAS RIVERS, AR & LA	F			1,282,000	60,000	1,342,000	
WHITE RIVER BACKWATER, AR	F			1,000,000	-	1,000,000	
LOUISIANA							
BATON ROUGE HARBOR, DEVIL SWAMP, LA	N	HMTF		55,000	500,000	555,000	
BAYOU COCODRIE AND TRIBUTARIES, LA	F			48,000	-	48,000	
LOWER RED RIVER, SOUTH BANK LEVEES, LA	F			89,000	349,000	438,000	
MISSISSIPPI DELTA REGION, LA	F			490,000	-	490,000	
TENSAS BASIN, RED RIVER BACKWATER, LA	F			1,185,000	620,000	1,805,000	

PROJECT	BUSINESS	TRUST	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF			
PROJECT	LINE	FUND	D CONSTRUCTION	OPERATION	MAINTENANCE	TOTAL	
MISSISSIPPI							
GREENVILLE HARBOR, MS	N	HMTF		30,000	900,000	930,000	
VICKSBURG HARBOR, MS	N	HMTF		40,000	900,000	940,000	
YAZOO BASIN, ARKABUTLA LAKE, MS	E,F,R			4,633,000	898,000	5,531,000	
YAZOO BASIN, BIG SUNFLOWER RIVER, MS	F			168,000	20,000	188,000	
YAZOO BASIN, ENID LAKE, MS	E,F,R			3,648,000	1,015,000	4,663,000	
YAZOO BASIN, GREENWOOD, MS	F			606,000	141,000	747,000	
YAZOO BASIN, GRENADA LAKE, MS	E,F,R			3,944,000	885,000	4,829,000	
YAZOO BASIN, MAIN STEM, MS	F			982,000	153,000	1,135,000	
YAZOO BASIN, SARDIS LAKE, MS	E,F,R			4,130,000	1,160,000	5,290,000	
YAZOO BASIN, TRIBUTARIES, MS	F			525,000	150,000	675,000	
YAZOO BASIN, WILL M WHITTINGTON AUX CHAN, MS	F			225,000	55,000	280,000	
YAZOO BASIN, YAZOO BACKWATER AREA, MS	F			333,000	71,000	404,000	
YAZOO BASIN, YAZOO CITY, MS	F			200,000	314,000	514,000	
MISSOURI							
WAPPAPELLO LAKE, MO	E,F,R			3,418,000	1,106,000	4,524,000	
TENNESSEE							
MEMPHIS HARBOR, MCKELLAR LAKE, TN	N	HMTF		38,000	2,125,000	2,163,000	

SUMMARY, INVESTIGATIONS

OOMMAKI, IIIV L	BUSINESS LINE	BUDGET
dies Listed Under States:		26,032,000
Disposition of Completed Projects 1/	N	[1,000,000
Tribal Partnership Program 2/	E, F	[452,000
s Not Listed Under States:		
Access to Water Data	E, F, N	360,000
Automated Information Systems Support Tri-CADD	E, F, N	250,000
Coastal Field Data Collection	F	1,000,000
Committee on Marine Transportation Systems	N	50,000
Coordination with Other Water Resource Agencies 3/	E, F, N	350,000
Environmental Data Studies	E	80,000
FERC Licensing	E, F, N	100,000
Flood Damage Data	F	230,000
Flood Plain Management Services	F	15,000,000
Hydrologic Studies	F	500,000
International Water Studies	F	125,000
Interagency Water Resource Development	E, F, N	100,000
Inventory of Dams	F	400,000
National Flood Risk Management Program	F	5,000,000
Planning Assistance to States	F	5,000,000
Planning Support Program	E, F, N	3,500,000
Precipitation Studies	F	200,000
Remote Sensing/Geographic Information System Support	E, F, N	75,000
Research and Development	E, F, N	13,000,000
Scientific and Technical Information Centers	E, F, N	50,000
Special Investigations	E, F, N	1,000,000
Stream Gaging	F	3,550,000
Transportation Systems	N	1,000,000
Tribal Partnership Program 2/	E, F	48,000
Subtotal - Items Not Listed Under States		50,968,000
I Investigations Appropriation		77 000 000

Total - Investigations Appropriation

77,000,000 4/

^{1/} These studies are funded in Disposition of Completed Projects.

^{2/} These studies are funded in the Tribal Partnership Program of which \$48,000 is for program management activities and does not show up in the listing by state amount.

^{3/} Includes CALFED, Chesapeake Bay Program, Gulf of Mexico, Lake Tahoe, Pacific Northwest Case, Interagency and International Support, and National Shoreline Management Study.

^{4/} Excludes cash contributions from cost-sharing partners and contributions of 100% of the cost of certain other work.

SUMMARY, CONSTRUCTION

F,N F,N	832,863,238 150,000,000
F,N	150 000 000
	150,000,000
	3,000,000
E	[1,000,000]
F	[1,000,000]
E	[1,000,000]
F	17,001,762
F	[2,000,000]
F	[2,500,000]
F	[1,500,000]
F	[1,250,000]
F	[9,751,762]
E, F, N, H	17,000,000
N	60,000
N	275,000
	337,336,762
	F F F F E, F, N, H N

1/Innovative Funding Partnerships: Funding will be used, in conjunction with funds voluntarily provided by non-Federal interests pursuant to 33 U.S.C. 701h and 33.U.S.C. 701h-1 in excess of the non-Federal sponsor's statutory cost share requirements, to accelerate the completion of construction of specifically authorized projects.

1,170,200,000 3/

2/ WRRDA 2014 Section 1043 Non-Federal Construction of Federal Projects: Funding would be transferred to non-Federal sponsors who decide to construct a specifically authorized project on their own under Section 1043 of the Water Resources Reform and Development Act of 2014, as amended.

3/ Excludes cash contributions from cost-sharing partners and contributions of 100% of the cost of certain other work.

Total - Construction Appropriation

SUMMARY, OPERATION AND MAINTENANCE

BUSINESS LINE BUDGET Total Listed Under States: 1,774,746,450 **Project Allocations Items Not Listed Under States:** Aquatic Nuisance Control Research 675,000 Ν Asset Management/Facilities and Equip Maintenance (FEM) 3,285,000 F, N, H Civil Works Water Management System (CWWMS) 7,650,000 F Coastal Ocean Data System (CODS) 2,250,000 F, N Coastal Inlet Research Program Ν 2.430.000 **Cultural Resources** 900,000 E, F, N, H Cybersecurity F, N, H 3,600,000 Dredging Data And Lock Performance Monitoring System 1,010,000 Ν Dredging Operations And Environmental Research (DOER) 5,000,000 Ν Dredging Operations Technical Support Program (DOTS) 2.550.000 Ν Earthquake Hazards Reduction Program 300.000 Fish & Wildlife Operating Fish Hatchery Reimbursement F, H 5,400,000 **Facility Protection** 4,181,550 Inland Waterway Navigation Charts 4,050,000 Ν Inspection Of Completed Federal Flood Control Projects 15,000,000 Inspection of Completed Works 32,784,000 Monitoring Of Completed Navigation Projects Ν 3.780.000 National Coastal Mapping Program Ν 4,875,000 National Dam Safety Program (Portfolio Risk Assessment) F 7,650,000 National Emergency Preparedness Program (NEPP) **EM** 4,500,000 National (Levee) Flood Inventory 4,500,000 National (Multiple Project) Natural Resources Management Activities 3,330,000 F. N. R National Portfolio Assessment For Reallocations W 500.000 392,000 Optimization Tools For Navigation Ν 2,000,000 Performance-Based Budgeting Support Program E, F, N, H 1,400,000 Recreation Management Support Program R Regional Sediment Management Program 3,500,000 1/ Ν Review of Non-Federal Alterations of Civil Works Projects (Section 408) F 8,500,000 Scheduling of Reservoir Operations F 8,564,000 Stewardship Support Program Ε 900.000

500,000

Sustainable Rivers Program (SRP)

SUMMARY, OPERATION AND MAINTENANCE (continued)

	BUSINESS LINE	BUDGET			
Veteran's Curation Program and Collections Management	E, F, N, H	5,025,000			
Waterborne Commerce Statistics	N	4,200,000			
Water Operations Technical Support (WOTS)	F	500,000			
Subtotal - Items Not Listed Under States		155,681,550			
Total Operation and Maintenance Appropriation		1,930,428,000 2			

^{1/} Includes Great Lakes Tributary Model

^{2/} Excludes work anticipated to be done on a reimbursable basis.

SUMMARY, MISSISSIPPI RIVER AND TRIBUTARIES

	BUSINESS LINE	BUDGET
<u>Items Listed Under States</u> :	_	
Construction Project Allocations		56,749,000
Operation and Maintenance Project Allocations		145,437,000
Subtotal - Items Listed Under States		202,186,000
Items Not Listed Under States:		
Collection and Study of Basic Data (Investigations)	F	4,960,000
Mississippi River Commission (Construction)	F, N	90,000
Inspection of Completed Works (Operation)	F	1,417,000
Mapping (Operation)	F	1,219,000
Subtotal - Items Not Listed Under States		7,686,000
TOTAL - MISSISSIPPI RIVER AND TRIBUTARIES APPROPRIATION		209,872,000 1/

^{1/} Excludes cash contributions from cost-sharing partners and contributions of 100% of the cost of certain other work.

SUMMARY, INLAND WATERWAYS TRUST FUND

	BUSINESS LINE _	BUDGET
Total Listed Under States:		
Construction	N	55,500,000
Total Inland Waterways Trust Fund Appropriation		55.500.000

SUMMARY, HARBOR MAINTENANCE TRUST FUND

	BUSINESS LINE	BUDGET
Total Listed Under States:		
Construction	N	17,300,000
Mississippi River and Tributaries	N	5,128,000
Operation and Maintenance	N	889,953,000
Subtotal - Items Listed Under States		912,381,000
Items Not Listed Under States:		
Construction:		
Beneficial Uses of Dredged Material (Section 204, Continuing Authorities Program)	E	1,000,000
Operation and Maintenance:		
Dredge McFarland Ready Reserve	N	10,521,000
Dredge Wheeler Ready Reserve	N	13,500,000
Harbor Maintenance Fee Data Collection	N	795,000
Project Condition Surveys (National Program)	N	20,087,000
Surveillance of Northern Boundary Waters (National Program)	F	6,716,000
Subtotal - Items Not Listed Under States		52,619,000
Total Harbor Maintenance Trust Fund Appropriation		965,000,000

FY 2020 FUNDED FOR CONSTRUCTION - NAVIGATION PROJECTS RANKED BY RATIO OF BENEFIT COST (BCR) BCRs AND RATIOS OF NET BENEFITS TO TOTAL COSTS CALCULATED AT SEVEN PERCENT DISCOUNT RATE **NET BENEFITS/** DIV NAME **BCR TOTAL COSTS** BOSTON HARBOR, MA NAD 4.40 3.40 SAVANNAH HARBOR EXPANSION, GA SAD 3.60 2.60 SAD CHARLESTON HARBOR, SC 3.10 2.10 CORPUS CHRISTI SHIP CHANNEL, TX (MAIN CHANNEL AND BARGE LANES) SWD 2.67 1.67 LRD SAULT STE MARIE (REPLACEMENT LOCK), MI 2.32 1.32 NWD COLUMBIA RIVER AT THE MOUTH, OR & WA * NA NA LRD LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA NA NA MELVIN PRICE LOCK AND DAM (DEFICIENCY CORRECTION), IL & MO MVD NA NA POPLAR ISLAND, MD NAD NA NA

^{*} Significant risk to human safety - benefit to cost analysis not applicable

FY 2020 FUNDED FOR CONSTRUCTION - FLOOD AND COASTAL STORM DAMAGE PROJECTS				
RANKED BY RATIO OF BENEFIT COST (BCR)				
BCRs AND RATIOS OF NET BENEFITS TO TOTAL COSTS CALCULATED AT SEVEN PERCENT DISCOUNT RATE				
DIV	NAME	BCR	NET BENEFITS/ TOTAL COSTS	
MVD	LOWER MISSISSIPPI RIVER MAIN STEM, AR, IL, KY, LA, MS,MO, TN	10.50	9.50	
SPD	AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN, CA	3.40	2.40	
NAD	RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ *	NA	NA	
LRD	ROUGH RIVER, KY **	NA	NA	

^{*} Significant risk to human safety - benefit cost analysis not applicable
** Dam Safety Assurance, Seepage Control, and Static Instability Correction Projects - benefit cost analysis not applicable

FY 2020 FUNDED FOR CONSTRUCTION - AQUATIC ECOSYSTEM RESTORATION PROJECTS			
DIV	NAME		
NWD	COLUMBIA RIVER FISH MITIGATION - COLUMBIA RIVER, WA, OR & ID *		
NWD	COLUMBIA RIVER FISH MITIGATION - WILLAMETTE RIVER, WA, OR & ID *		
NWD	MISSOURI RIVER FISH & WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND, SD *		
NWD	MUD MOUNTAIN DAM, WA *		
SAD	SOUTH FLORIDA ECOSYSTEM RESTORATION, FL		
MVD	UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI		

^{*} Legal, Mitigation and/or Environmental Requirements

FY 2020 Construction Performance Guidelines

To qualify, a project must be authorized for construction; have an approved Chief's report, major rehabilitation report, or Dam Safety modification report; and, where applicable, successfully completed review under Executive Order 12322.

- **Project Purpose** Ongoing construction projects, including those funded in the Inland Waterways Trust Fund, Harbor Maintenance Trust Fund, and Mississippi River and Tributaries accounts, are assigned based on their primary purpose to one of the three main mission areas of the Corps (flood and storm damage reduction, commercial navigation, and aquatic ecosystem restoration) or hydropower.
- Projects funded to address dam safety assurance, seepage control, and static instability correction problems Projects that are funded for construction to address a dam safety action classification 1 or 2 concern will receive the maximum level of funding that the Corps can efficiently and effectively spend each year.
- Projects funded on the basis of their economic return Ongoing construction projects that are funded based on their economic return and have a benefit-to-cost ratio (BCR) of 2.5 -to-1 or higher, calculated at a 7-percent discount rate, are eligible for funding. Projects with a BCR below this threshold will not be funded unless they are eligible for funding under other criteria of these guidelines.
- **Projects funded on the basis of their environmental return –** Ongoing construction projects to restore degraded ecosystem structure, function, and/or process to a more natural condition are eligible for funding.
- **Projects funded to address a significant risk to human safety –** Flood and storm damage reduction projects that are funded to address a significant risk to human safety will receive funding to support an uninterrupted effort.
- **Mitigation or environmental requirements –** Mitigation work at ongoing construction projects, and work needed to comply with treaties or biological opinions, will be funded to meet those requirements.
- **Non-structural flood damage reduction projects –** Ongoing non-structural flood damage reduction projects will be eligible for funding if the project has a BCR of 1.0-to-1 or above, at a 7-percent discount rate.
- **Dredged Material Disposal Facilities (DMDF) –** Construction of DMDFs for high and moderate use segments of commercial deep-draft, shallow-draft, and inland waterways projects will be eligible for funding.
- **Project completions** Ongoing projects that can complete all remaining construction work during the budget year or the following year may be funded at the level needed to complete that work if the project has a BCR of 1.0-to-1 or above, at a 7-percent discount rate.

FY 2020 Operation and Maintenance Performance Guidelines

The Corps uses objective performance-based criteria to allocate operation and maintenance (O&M) funds to Corps projects. These criteria give priority to key infrastructure and consider the condition of the project and the potential consequences (e.g., economic, legal, environmental, and public safety impacts) if the O&M activity is not undertaken in the fiscal year. The criteria, with an explanation of how the Corps applies them, are provided below:

Each proposed O&M activity, including O&M activities funded in the Mississippi River and Tributaries and the Harbor Maintenance Trust Fund accounts, is assigned to these program areas: commercial navigation, flood and storm damage reduction, environment, recreation, hydropower, and water supply. For projects with multiple purposes, the separable activities are assigned to the program area that they serve. Joint activities (those shared by all business lines) are allocated among all program areas served by the project based upon a project-specific allocation formula.

- Asset Management Rating criteria are used to determine the impact (e.g. financial, health and safety) of reduced availability. The results of condition (e.g., hydroAMP for the hydropower business line) and consequence evaluations lead to a risk level based on an established matrix for each program area. Cost-effectiveness measures are used to determine the lowest-cost solution to improve the overall reliability of the project. These specific performance measures incorporate both economic and public safety concerns, as well as residual risks, in project reliability determinations.
- Economic Impacts O&M funding decisions are made using performance data to forecast the economic impact of the activity. Activities with higher returns on investment receive higher priority in the budget process. For example, the evaluation for commercial navigation includes the current and five-year average tonnage (coastal) and ton-miles (inland waterways), cost per ton and cost per segment ton-miles, as well as other factors such as support for subsistence harbors, harbors of refuge, commercial fishing, public transportation (passenger ferries), or for energy generation. For flood and storm damage reduction, it includes the risk of loss of life or property; for recreation, it includes the economic impacts of visitor attendance; for water supply, it includes the economic impacts of storage under contract, investment costs recovered, and revenues returned to the U.S. Treasury; and for hydropower, it includes the risk of equipment failure and loss of generation.
- **Public Safety** Public safety is also a factor used in ranking O&M activities. A proposed work package is given greater consideration if its purpose is to reduce the risk of a project failure that could result in loss of life. For commercial navigation, other factors include whether the harbor is a critical harbor of refuge, supports a subsistence harbor, or supports other Federal requirements such as the U.S. Coast Guard search and rescue.
- Environment and Stewardship Concerns O&M to address a significant environmental concern is evaluated on its environmental return (benefitsper-funding amount). Those O&M activities that are time-sensitive, involve management for sensitive species or habitat impacts, management of cultural resources, or reduce the relative risk of significant impacts, are given a higher consideration for funding.
- Legal Requirements Projects with O&M-related legal requirements are also given a higher consideration for funding (e.g., projects with requirements to address Indian tribal rights or whose operation involves ongoing mitigation needs). Projects with authorized O&M work to mitigate the impact of Corps activities are funded in increments beginning with the minimum critical mitigation requirements followed by critical work packages based on the risks related to the potential loss of a species under the Endangered Species Act. Endangered Species Act and mitigation activities are budgeted under the business line for which the requirements were created.

HQDA WASH DC 20310-0108

OFFICIAL BUSINESS

AN EQUAL OPPORTUNITY EMPLOYER