

Lesson 14

CIVIL WORKS PROGRAM
DEVELOPMENT AND EXECUTION COURSE
LESSON NUMBER 14

5. CIVIL WORKS PROGRAM DEFENSE

TOPIC:

- b. Congressional Justifications and Hearings
 - (1) Budget Justification Materials
 - (2) Appropriations Hearings
 - (a) ASA(CW) and Chief of Engineers
 - (b) Division Commanders
 - (c) Remaining Items
 - (d) Non-Departmental Hearings
 - (3) Public Works Hearings
 - (4) Published Hearings Record

TIME ALLOTTED:

1 hour, including time for questions and answers

HANDOUTS:

On Computer CD:

- H 14-1. FY 09 Project Justification Materials
- H-14-2. LTG Van Antwerp - Testimony for the Subcommittee on Energy and Water Development - Committee on Appropriations, House of Representatives
6 March, 2008
- H-14-3. Sec Woodly -Testimony for the Subcommittee on Energy and Water Development - Committee on Appropriations, House of Representatives
6 March, 2008
- H-14-4. Energy and Water Development Act 2008
(Appropriations)
- H-14-5. DOA, U.S. Army Corps of Engineers, Civil Works Program, Five-Year Development Plan (FY 2007- FY 2011)
- H-14-6. FY 08 Enacted Fact Sheets
- H-14-7. Water Resources Act of 2007 (Authorization)

In Course Binder:

- H 14-8 Examples of Project Justification Materials
J-Sheet & Enacted Fact Sheet

REFERENCES:

Published records of the annual House and Senate Appropriations Hearings on Energy and Water Development (House - Brown Cover) (Senate - Green Cover)

DETAILED OUTLINE

A. INTRODUCTION

1. Objective. To discuss the justification material submitted to Congress and the sequence and nature of Congressional Appropriations Committees Hearings. Also, to discuss hearings before Public Works Committees.
2. A discussion of the Division Commander's testimony in support of his program will be presented in Lesson 15 by an instructor from a Division office.

B. BUDGET JUSTIFICATION MATERIALS

1. Prepared for Appropriations Committees.
 - a. Justification required for individual items contained in President's Budget.
 - b. Format prescribed by Committees.
 - c. Not to be distributed until submitted to the Appropriations Subcommittees.
2. Supports Division program being defended by the Division Commander.
 - a. Prepared by Division and is part of Division Commander's testimony.
 - b. Reviewed by HQUSACE.
 - c. Used by Committee Members and staff before, during and after hearings; therefore, must be responsive, current, and accurate.
 - d. Justification Data.
 - Scope of project (Current plan under consideration).
 - Merits of the project, including benefits and benefit-cost data.
 - Federal and non-Federal Costs and explanation of changes since last submission.
 - Status of local support and project cooperation agreement (PCA), and recent actions by locals to comply with requirements.
 - e. Scheduled and actual execution, as reflected in project cooperation actions, EIS, Sec. 404 requirements; percent completed and completion schedule; and other information which indicates progress or slippage.
 - f. Problems and expected resolution, such as litigation, major changes in plan, environmental issues, and other matters affecting implementation and progress.
 - g. Compliance with Committee guidance. Must address if prior Committee guidance in testimony, reports, and Acts is being implemented.

3. HQUSACE prepares justification materials to support and defend Remaining Items portion of the Budget.
4. Organization and Distribution of Justification Materials.
 - a. Arranged by Division.
 - Studies and PED: Justification paragraphs.
 - Construction: Status maps and project justification sheets.
 - Operation and Maintenance: Project lists with explanations of major changes. Note that major rehabilitation projects included in O&M program are supported by status maps and project justification sheets.
 - b. Remaining Items (HQUSACE-budgeted items).
 - Programs and activities directly managed by HQUSACE staff elements.
 - Organized by appropriation title.
 - c. Justification materials furnished to Appropriations Subcommittees and others.
 - One complete set for each member.
 - Originals provided for printing of hearings records.
 - Fifteen copies of Division program to each respective Division.

C. "OPENING DAY" APPROPRIATIONS HEARINGS

1. Statements by:
 - a. Assistant Secretary of the Army (Civil Works).
 - b. Chief of Engineers.
2. Overview of Program.
 - a. Introduction of overall program.
 - b. Program trends and policy.
 - c. Major changes from prior year.
 - d. Value and benefits of current program.

D. TESTIMONY BY DIVISION COMMANDER

(To be discussed in Lesson 15 by an instructor from a Division office).

E. REMAINING ITEMS

1. Director of Civil Works and HQUSACE Staff.

2. Discuss items not covered by Division Commanders.
For example:

General Investigations - National Studies,
Coordination with Other Agencies and non-Federal
Interests, Research and Development

Construction, General - Continuing Authorities
(Small Projects) Program, Aquatic Plant Control

Operation and Maintenance, General - Protection of
Navigation, Waterborne Commerce Statistics, National
Emergency Preparedness Program

Regulatory Program
General Expenses
Flood Control and Coastal Emergencies
Formerly Utilized Sites Remedial Action Program
Revolving Fund

F. HEARINGS PROCEDURES AND TRANSCRIPTS

1. Testifying officers submit for the record written
statements or status reports.

a. Statements by OASA(CW) and HQUSACE.

b. Status reports by Division Commanders.

2. Written materials orally summarized.

3. Question and Answer Session.

4. Following hearings, Subcommittees furnish copies of
transcripts for review and editing, and additional
questions for response in transcript.

a. Review and editing of Division Commander's
testimony is responsibility of Division staff.

b. HQUSACE staff responsible for HQUSACE testimony
and policy context of Division testimony.

G. NON-DEPARTMENTAL (LOCAL INTEREST) HEARINGS

1. Held in March or April.

2. Witnesses include U.S. Senators, Members of Congress,
state governors, public officials, various group
representatives, and individual citizens.

3. Witnesses may be project supporters or opponents.

4. HQUSACE staff attends and monitors.

5. Opposition statements furnished to Division staff.

a. Rebuttal papers prepared by field.

b. Reviewed by HQUSACE for policy content.

c. Provided to Subcommittee staff, when requested.

H. PUBLIC WORKS HEARINGS

1. Senate Committee on Environment and Public Works and House Committee on Public Works and Transportation hold hearings on two types of legislative actions.

a. On overall program and trends.

- To provide a basis for its report and recommendations to the Budget Committee.
- To date, have been held only by Senate.

b. On Water Resource Development Acts (WRDA) and other authorizing legislation.

2. Witnesses are from OASA(CW), HQUSACE or both.

3. Field support needed for testimony, including Committee requests for inserts into the record.

I. PUBLISHED HEARINGS RECORD

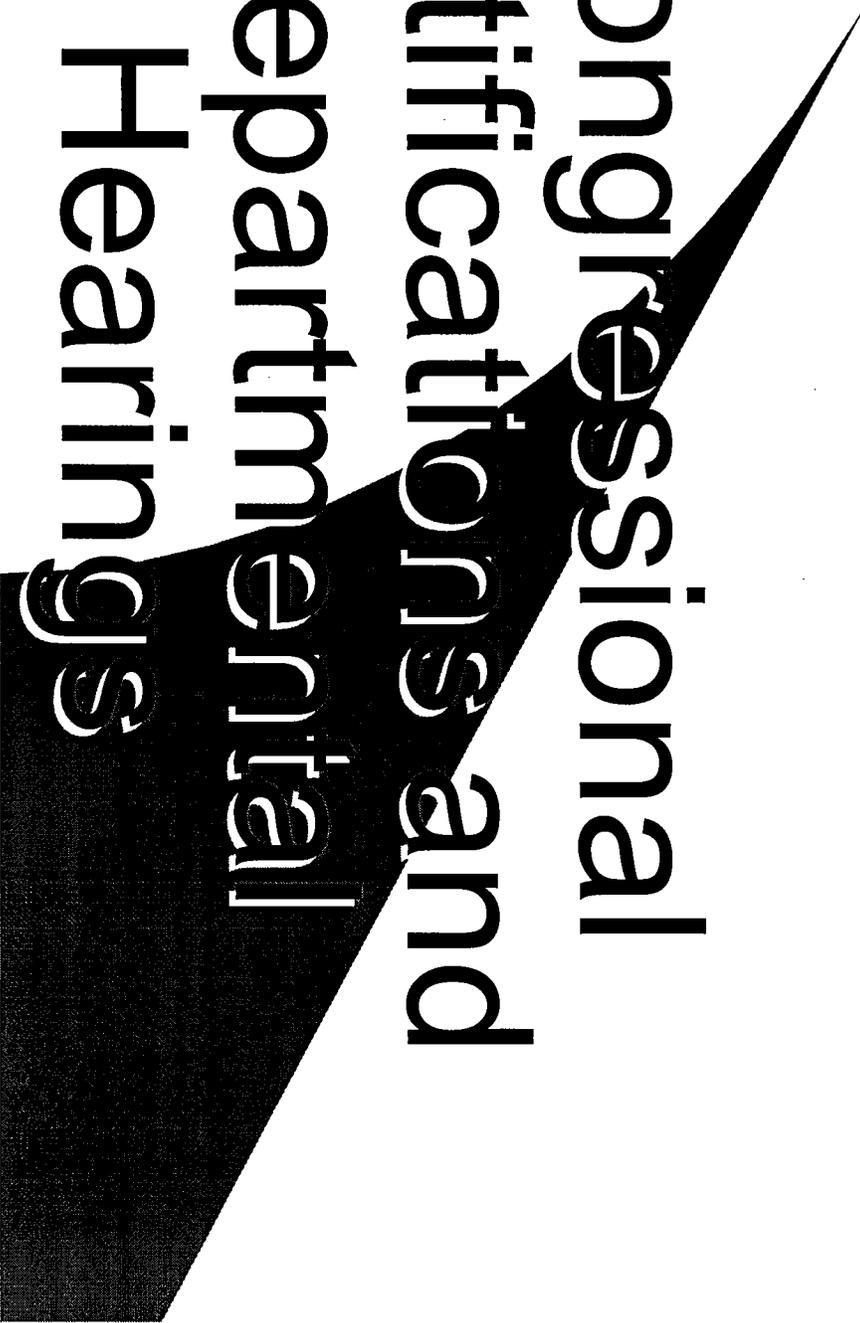
1. All testimony and inserts for record are published, including non-Departmental witnesses.

2. These records include:

- a. Statements, status reports, justification materials, and inserts for the record.
- b. Oral testimony.
- c. Questions and answers.

3. Useful reference documents.

Lesson 14



Congressional
Justifications and
Departmental
Hearings

Congressional Justifications and Departmental Hearings

Objective:

- To Discuss the Justification Materials Submitted to Congress and the Sequence and Nature of Congressional Appropriations Committees Hearings. Also..Public Works Committee Hearings.
- Content and Importance of Justification Materials
- Conduct of Committee Hearings

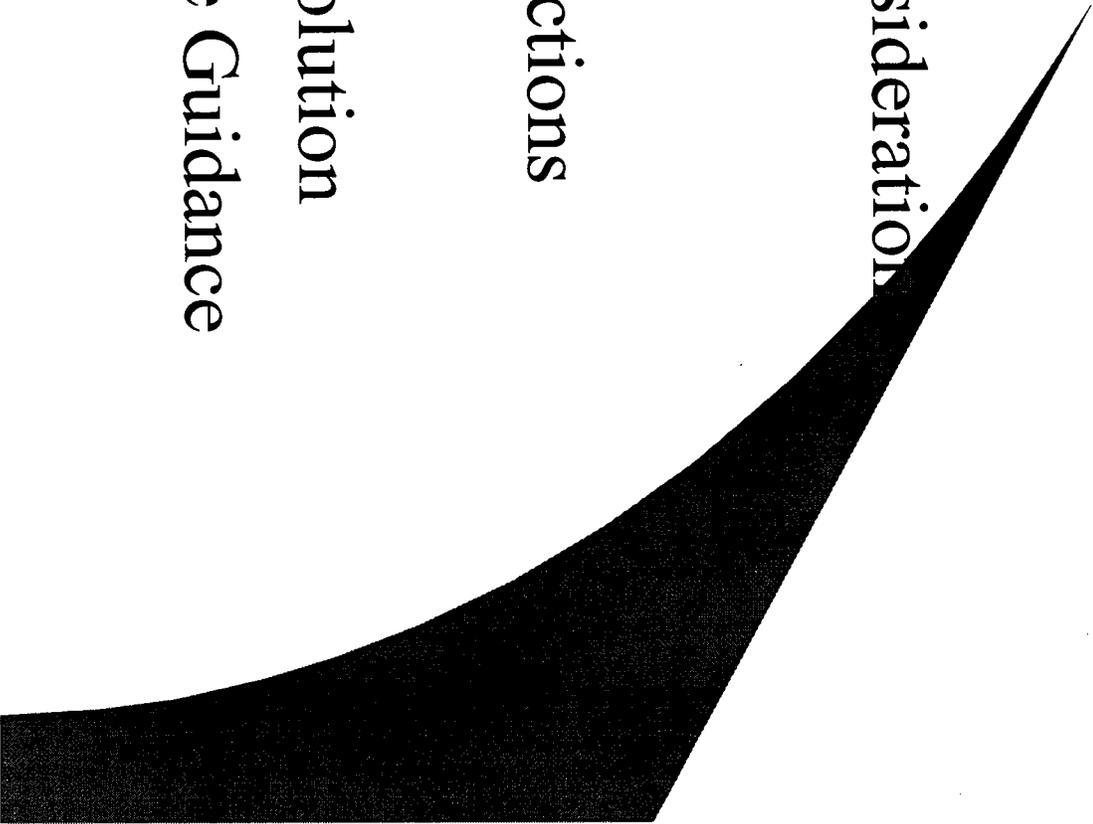
Justification Material

- Prepared for Appropriations Committees
 - Justification for Individual Items Contained in the President's Budget
 - Format Prescribed by Committees
 - Not to be Distributed Until Submitted to the Subcommittees
- Used by Committee Members During Hearings
- Must be Responsive... Current... Accurate

Justification Material – J-Sheets

- Used by HQ – ASA(CW) - Committee Members During Hearings
- Prepared by Districts
- Remaining Items Justifications Prepared by HQUSACE

Justification Material- Enacted Fact Sheets

- Justification Data
 - Scope of Project Under Consideration
 - Project Merits
 - Costs, Including Changes
 - Local Support and Recent Actions
 - Progress or Slippage
 - Problems and Expected Resolution
 - Compliance with Committee Guidance
- 

Justification Material (*continued*)

- Organized by Business Line (>Account, >MSC, >Project)
 - Studies and PED
 - Construction
 - O&M
 - Justification Paragraphs
 - Status Maps, Justification Reports
 - Water Resource Regions
- Remaining Items
 - Programs and Activities Managed by HQUSACE
 - Organized by Appropriation Title
- Justification Materials Distributed to Appropriations Subcommittees and Others
 - One Complete Set for Each Member
 - Originals Provided for Printing of Hearing Records
 - Additional Copies available on CD and WWW

"Opening Day" Appropriations Hearings

Statements by:

- Assistant Secretary of the Army (Civil Works)
- Chief of Engineers

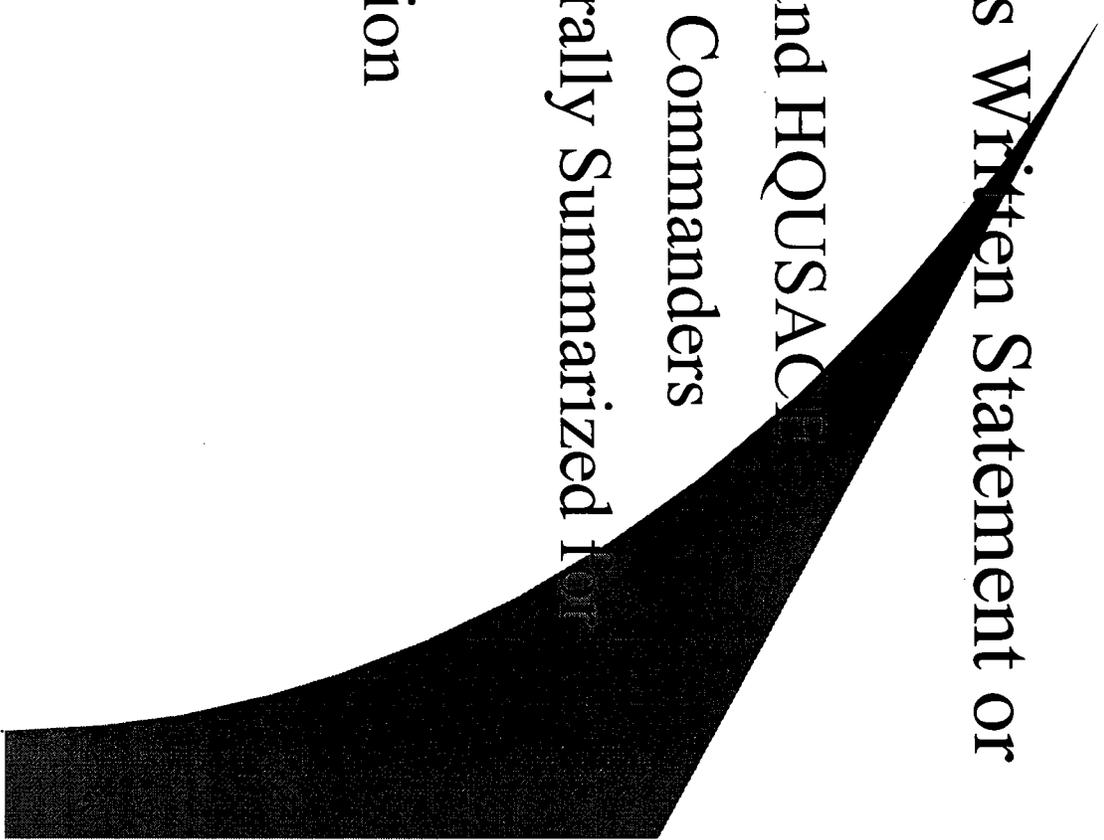
<http://www.usace.army.mil/cw/cecwb/index.html>

Concerned with Overview of Program

- Introduction of Overall Program
- Program Trends and Policy
- Major Changes from Prior Year
- Value of Current Program

Hearing Procedures and

Transcripts

- Testifying Officer Submits Written Statement or Status Report
 - Statements by ASA(CW) and HQUSAC
 - Status Reports by Division Commanders
 - These Written Materials Orally Summarized to the Subcommittees
 - Question and Answer Session
- 

Hearing Procedures and Transcripts (continued)

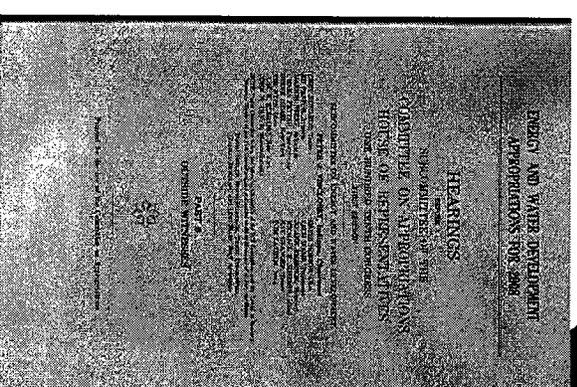
- Following Hearings, Subcommittees Furnish:
 - Copies of Transcripts for Review and Editing
 - Additional Questions for Response in Transcript
 - Questions for the Record submitted by members
- Responsibilities:
 - HQUSACE
 - Review and Edit HQUSACE Testimony
 - Respond to Questions for the Record

Public Works Hearings

- Both Senate and House Committees Hold Hearings on Two Types of Legislative Actions:
 - Overall Program and Trends (Appropriations)
 - Basis of Report and Recommendations to Budget Committees
 - Held House by Senate
 - On Water Resources Development Acts
- Witnesses are from HQUSACE
- Field Support Needed for Testimony, Including Committee Request for Inserts Into Record

Published Hearings Records

- All Testimony and Inserts for the Record
- These Hearing Records Include:
 - Corps Statement and Status Reports
 - Inserts for the Record
 - Justification Materials
 - Oral Testimony
 - Questions and Answers
- Used as Reference Documents



APPROPRIATION TITLE: Construction - Local Protection (Flood and Coastal Storm Damage Reduction)

PROJECT: McCook and Thornton Reservoirs, Illinois (Continuing)

LOCATION: The project area covers 341 square miles of the combined sewer area in Cook County in Chicago and 48 adjacent suburban communities.

DESCRIPTION: The authorized project consists of constructing two reservoirs from stone quarries located in McCook and Thornton, Cook County, Illinois with floodwater storage capacities of 21,400 acre-feet (7 billion gallons) and 14,600 acre-feet (4.8 billion gallons), respectively. The Thornton Reservoir project authorization was modified to evaluate inclusion of the National Resource Conservation Service Thorn Creek Reservoir with the Thornton Reservoir project. The combined reservoir at Thornton, determined feasible in a 2003 Limited Re-evaluation Report, has a combined capacity of 24,200 acre-feet (7.8 billion gallons). McCook and Thornton both will serve as the termini of the Metropolitan Water Reclamation District of Greater Chicago's TARP project (Tunnel and Reservoir Plan) Phase I tunnels. TARP was developed by Federal, State, regional and local governments as a regional plan for reducing flood damages and improving water quality in area waterways. The two reservoirs will capture and store combined sewer flows from the tunnel systems for later treatment after the storm event. Currently, when the tunnels reach their capacity, the combined flow of raw sewage and storm water backs up through the sewer system into basements of homes and businesses and on to the roadways and is discharged directly into area waterways. When storm events are severe, the navigation locks on the Chicago River must be opened to release the combined sewer flow into Lake Michigan - the source of drinking water for millions. Reservoir features include pumps, a cutoff wall, main and distribution tunnels, gates and valves, hydraulic structures, wall stabilization and aquifer protection, aeration and wash-down systems.

AUTHORIZATION: Water Resources Development Act of 1988, modified by the Water Resources Development Act of 1999.

REMAINING BENEFIT-REMAINING COST RATIO: 4.3 to 1 at 7 percent (McCook and Thornton combined).
7.8 to 1 at 7 percent (McCook only)

TOTAL BENEFIT-COST RATIO: 2.1 to 1 at 7 percent (McCook and Thornton combined)
2.7 to 1 at 7 percent (McCook only)

INITIAL BENEFIT-COST RATIO: 2.0 to 1 at 8 percent.

BASIS OF BENEFIT-COST RATIO: McCook Reservoir benefits are based on the latest available evaluation in the Final Special Reevaluation Report dated February 1999 at October 1997 price levels. Thornton Reservoir benefits are based on the economic evaluation completed for the Limited Reevaluation Report dated July 2003 at October 2001 price levels.

Division: Great Lakes and Ohio River

District: Chicago

McCook and Thornton Reservoirs, IL

4 February 2008

H-14-7

SUMMARIZED FINANCIAL DATA

		STATUS (1 Jan 2008)	PERCENT COMPLETE	PHYSICAL COMPLETION SCHEDULE
Estimated Federal Cost	\$ 558,000,000	McCook Reservoir	37	To Be determined
Estimated Non-Federal Cost	186,000,000	Thornton Reservoir	0	To Be determined
Cash Contributions	91,348,000	Entire Project	25	To Be determined
Other Costs	94,652,000			
Total Estimated Project Cost	\$ 744,000,000			

		ACCUM. PCT. OF EST. FED. COST	PHYSICAL DATA
Allocations to 30 September 2004	\$		
Allocations for FY 2005	77,138,000		
Allocations for FY 2006	27,772,000		
Allocation for FY 2007	25,825,000		
Conference Amount for FY 2008	46,400,000		McCook Reservoir Storage Capacity
Allocations for FY 2008	29,490,000		21,400 acre-feet
Allocations through FY 2008	206,625,000	37	Thornton Reservoir Storage Capacity
Allocation Requested for FY 2009	34,000,000	43	24,200 acre-feet
Programmed Balance to Complete After FY 2008	351,376,000		
Unprogrammed Balance to Complete after FY 2008	0		

JUSTIFICATION: The McCook and Thornton Reservoirs Project covers 341 square miles of the combined sewer area in Chicago and suburban communities. Within this region, nearly 1,200,000 structures suffer flooding attributable to combined storm sewer outfall submergence caused by inadequate capacity of area waterways. The McCook Reservoir will provide an additional 7 times the storage capacity of its billion gallon capacity connecting tunnel system and will provide flood damage reduction benefits to Chicago and 37 suburban communities where 146,000 homes and businesses flood annually. The Thornton Reservoir will provide an additional 8 times the storage capacity of its half billion gallon capacity connecting tunnel system and will provide flood damage reduction to Chicago and 13 suburban communities where nearly 200,000 homes and businesses flood annually. The project will also improve water quality in area waterways, reduce untreated sewage backflow into Lake Michigan and reduce beach closures. The project benefits over 3 million people. The sponsor, the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), has been under pressure from the USEPA to have at least Stage 1 of the McCook Reservoir constructed by CY 2014 when their current NPDES (National Pollution Discharge Elimination System of the Clean Water Act) permit expires. Department of Justice requested

Division: Great Lakes and Ohio River

District: Chicago

McCook and Thornton Reservoirs, IL

4 February 2008

JUSTIFICATION (continued):MWRDGC to sign an Administrative Order with USEPA on a timeline to get McCook Reservoir constructed and operational. Delays in completion of the project due to the pace of past Federal funding could force Department of Justice to order enforced settlement to comply with the Clean Water Act. Risks to human health are high due to continued contaminated flooding. One of the intended purposes of this project is to prevent sewage backflow to Lake Michigan, impacting drinking water supply and damaging the aquatic ecosystem, including fish tainting, contaminant uptake and degradation of spawning areas. The elimination of backflows of raw sewage to Lake Michigan is a priority issue of the Great Lakes Governors and Mayors and is a priority issue of the Great Lakes Regional Collaboration established in response to Executive Order 13340 signed by President Bush in May 04.

Average annual benefits for McCook and Thornton Reservoirs are as follows:

Annual Benefits	Amount
Flood Damage Prevention	85,066,000
Water Quality	14,732,000
Water Supply	9,572,000
Recreation	1,030,000
Total	\$ 110,400,000

FISCAL YEAR 2008: The current amount is being applied as follows:

Initiate construction of Main Tunnels and Gates Engineering and Design – McCook Reservoir Construction Management	\$ 22,990,000 2,500,000 4,000,000
Total	29,490,000

FISCAL YEAR 2009: The requested amount will be applied as follows:

Continue construction of Main Tunnels and Gates Engineering and Design – McCook Reservoir Construction Management	\$ 26,000,000 3,000,000 5,000,000
Total	\$ 34,000,000

Division: Great Lakes and Ohio River

District: Chicago

McCook and Thornton Reservoirs, IL

4 February 2008

NON-FEDERAL COST: In accordance with the cost sharing and financing concepts reflected in the Water Resources Development Act of 1986, the non-Federal sponsor must comply with the requirements listed below.

Requirements of Local Cooperation

Payment During
Construction and
Reimbursements

Maintenance, Repair,
Rehabilitation, and
Replacement Costs

McCook Reservoir:
Provide lands, easements, rights of way, and borrow and excavated or dredged material disposal areas.

5,069,000

Modify or relocate utilities, roads, bridges (except railroad bridges), and other facilities, where necessary for the construction of the project.

32,833,000

Pay 17 percent of the costs allocated to flood control to bring the total non-Federal share of flood control costs to 25 percent and bear all costs of operation, maintenance, repair, rehabilitation and replacement of flood control facilities.

77,098,000

4,300,000

Total McCook Reservoir

\$115,000,000

4,300,000

Thornton Reservoir:

Provide lands, easements, rights of way, and borrow and excavated or dredged material disposal areas.

27,682,000

Modify or relocate utilities, roads, bridges (except railroad bridges), and other facilities, where necessary, for the construction of the project, and less credits allowed for prior work per Section 501 of Water Resources Development Act of 1999.

29,068,000

Pay approximately 5 percent of the costs allocated to flood control to bring the total non-Federal share of flood control costs to 25 percent and bear all costs of operation, maintenance, repair, rehabilitation and replacement of flood control facilities.

14,250,000

2,800,000

Total Thornton Reservoir

\$ 71,000,000

\$2,800,000

Total Non-Federal

\$186,000,000

\$7,100,000

Division: Great Lakes and Ohio River

District: Chicago

McCook and Thornton Reservoirs, IL

4 February 2008

STATUS OF LOCAL COOPERATION: The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) is the local sponsor for the project. The Project Cooperation Agreement for McCook Reservoir was executed on 10 May 1999, and amended on 10 July 2003. Project Cooperation Agreement for Thornton Reservoir was executed on 18 September 2003. The non-Federal sponsor is expected to make all required payments concurrently with project construction. The current non-Federal cost estimate for the McCook Reservoir is \$115,000,000, which includes a cash contribution of \$77,098,000 and is a decrease of \$14,050,000 from the non-Federal cost estimate of \$129,050,000 noted in the Project Cooperation Agreement, which included a cash contribution of \$99,978,000. The current non-Federal cost estimate for the Thornton Reservoir is \$71,000,000, which includes a cash contribution of \$14,250,000 and is a decrease of \$2,000,000 from the non-Federal cost estimate of \$73,000,000 noted in the Project Cooperation Agreement, which included a cash contribution of \$14,600,000.

COMPARISON OF FEDERAL COST ESTIMATE: The current Federal cost estimate of \$558,000,000 is an increase of \$11,000,000 from the latest estimate (\$547,000,000) presented to Congress (FY 2008). This change is due to price levels and inflation adjustments and post contract award adjustments.

STATUS OF ENVIRONMENTAL IMPACT STATEMENT: Public and Agency review of final Environmental Impact Statement and the Special Reevaluation Report (EIS/SRR) for the McCook Reservoir project was completed in December 1998 and the Record of Decision (ROD) was signed on May 5, 1999. The Thornton Reservoir Environmental Assessment and Finding of No Significant Impact were signed in June 2001 and December 2001 respectively. The Thornton Reservoir Limited Reevaluation Report was completed in July 2003.

OTHER INFORMATION: Funds to initiate PED were appropriated in FY 1988. Funds to initiate construction were appropriated in FY 1994. The scheduled completion date is to be determined.

Division: Great Lakes and Ohio River

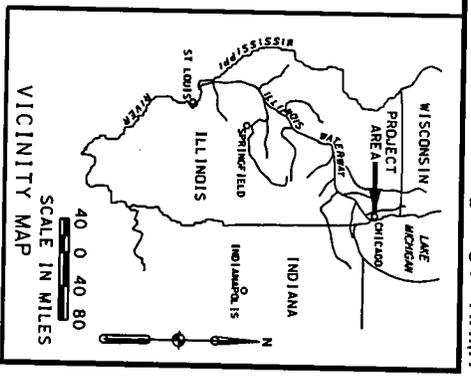
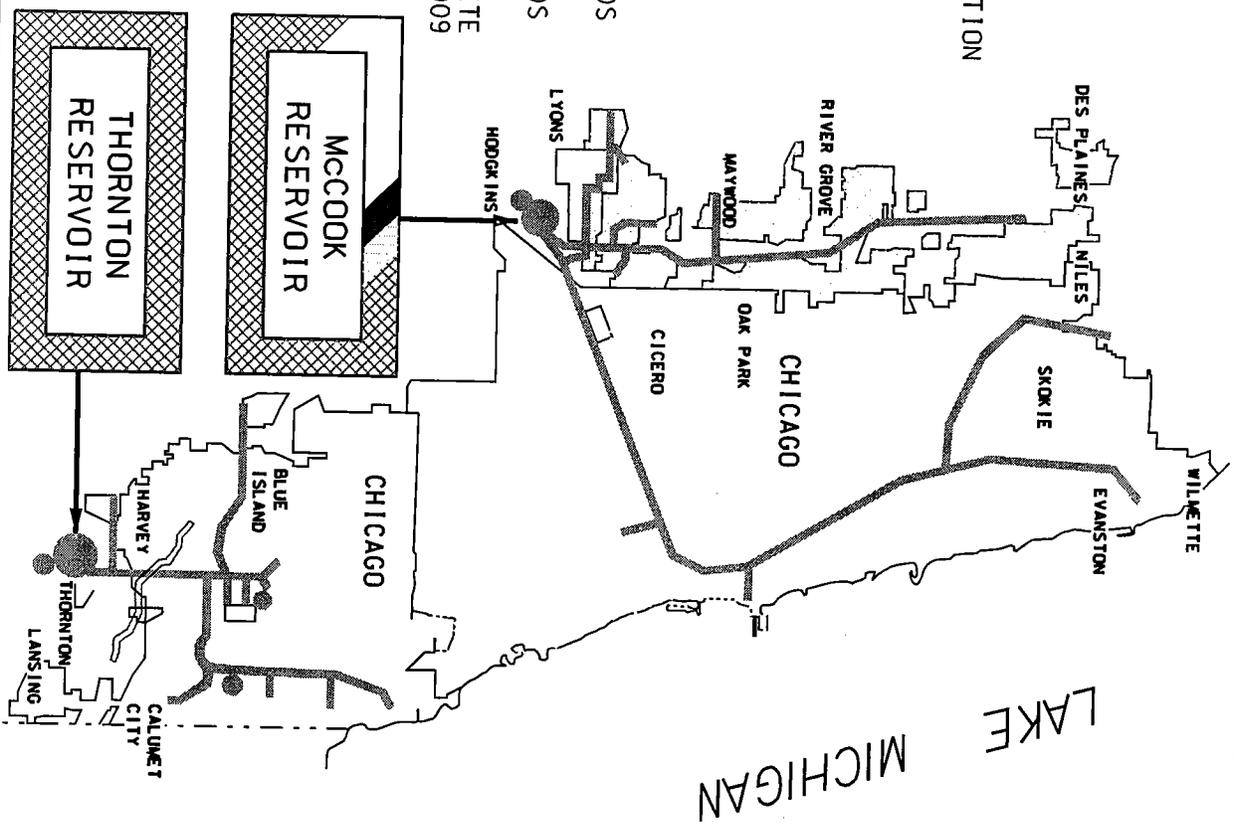
District: Chicago

McCook and Thornton Reservoirs, IL

4 February 2008

SYMBOL LEGEND

-  DES PLAINES SYSTEM
 -  MAINSTREAM SYSTEM
 -  CALUMET SYSTEM
 -  COMPLETED TUNNELS
 -  TUNNELS UNDER CONSTRUCTION
 -  FUTURE TUNNELS
 -  STORAGE RESERVOIR
 -  PUMPING STATIONS
- LEGEND
-  WORK COMPLETED AS OF 30 SEPTEMBER 2007
 -  WORK PROPOSED WITH FUNDS AVAILABLE FOR FY 2008
 -  WORK PROPOSED WITH FUNDS REQUESTED FOR FY 2009
 -  WORK REQUIRED TO COMPLETE THE PROJECT AFTER FY 2009



CHICAGOLAND UNDERFLOW PLAN
ILLINOIS
MCCOOK & THORNTON RESERVOIRS
CHICAGO DISTRICT
GREAT LAKES AND
OHIO RIVER DIVISION
4 FEBRUARY 2008

FACT SHEET
 CONSTRUCTION GENERAL (Initial Construction)
 Enacted Studies and Projects

BUSINESS LINE: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Delaware Coast, Bethany Beach to South Bethany, DE.

AUTHORIZATION: Title I, Section 101 (a) (15) of WRDA 1999

LOCATION: The Bethany Beach/South Bethany project area stretches for approximately 2 miles along the northern part of the Atlantic Ocean coast of Delaware in Sussex County, Delaware.

DESCRIPTION: The recommended project consists of providing 3.5 million cubic yards initial beachfill, with subsequent nourishment of 480,000 cubic yards every three years. The recommended plan consists of a sand fill beach and dune project, in two independent discontinuous segments, for both Bethany Beach and South Bethany.

SUMMARIZED FINANCIAL DATA:

Estimated Federal Cost	\$ 88,100,000
Estimated Non-Federal Cost	\$ 47,400,000
Total Estimated Project Cost	\$ 135,500,000 2/
Allocation thru FY 2006	\$ 3,481,903
Allocation for FY 2007	\$ 14,400,000
Allocation for FY 2008	\$ 141,000
Balance to Complete after FY 2008	\$ 70,077,097
Benefit to Cost Ratio Applicable Rate (7.125%)	1.6
Remaining Benefits Remaining Costs Ratio %	2.9
1/ Un-inflated monitoring/nourishment costs.	

FY 2008 ACTIVITIES: Funds are being used for project monitoring.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The estimate completion date is 2058. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

OTHER INFORMATION: Due to Administration policy on periodic nourishment for shore protection projects without a navigation mitigation component, this project was not budgeted. The non-federal sponsor is the Delaware Department of Natural Resources and Environmental Control. A PCA was executed on 26 July 2006.

CONGRESSIONAL INTEREST: Rep. Castle (DE-AL), Sen. Carper (DE) and Sen. Biden (DE).

DISTRICT: Philadelphia

DATE: 6 Feb 08

FACT SHEET
CONSTRUCTION GENERAL
Enacted Studies and Projects

BUSINESS LINE: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Delaware Bay Coastline, Broadkill Beach, DE

AUTHORIZATION: Section 101 (a) (11) of WRDA 1999.

LOCATION: The project area is located along the Delaware Bay Coastline at Broadkill Beach, Sussex County, Delaware.

DESCRIPTION: The plan proposed in the final feasibility report for shore protection at Broadkill Beach is a 100 foot wide berm with an elevation of +8.0 feet NGVD, and a dune with an elevation of +16.0 feet NGVD over a total project length of 14,600 feet. The selected plan includes dune grass, dune fencing and suitable advance beachfill and periodic nourishment every five years to ensure the integrity of the design. The PED phase was completed in FY01 and consisted of the completion of detailed plans and specifications for those features recommended in the feasibility report.

SUMMARIZED FINANCIAL DATA:

	<u>Construction</u> 1/
Estimated Federal Cost	\$ 36,900,000
Estimated Non-Federal Cost	\$ 19,900,000
Total Estimated Project Cost	\$ 56,800,000 2/
Allocation thru FY 2006	\$ 390,000
Allocation for FY 2007	\$ 0
Allocation for FY 2008	\$ 234,000
Balance to Complete After FY 2008	\$ 36,276,000
Benefit to Cost Ratio Applicable Rate (7.625)	1.3
Rem Ben Rem Costs Ratio at 7%	1.4

1/ Includes PED costs.
2/ Initial construction costs \$11,150,000; Federal \$7,500,000; NF \$3,650,000

FY 2008 ACTIVITIES: Funds will be used to initiate and complete a Limited Reevaluation Report to update project economics as required by policy.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Due to budget constraints and uncertainty of funding completion date is unknown.

OTHER INFORMATION The Administration supports initial construction on this project based on high priority flood and coastal storm damage reduction benefits; however, not included in the President's budget due to no new start criteria. The sponsor is the Delaware Department of Natural Resources and Environmental Control.

CONGRESSIONAL INTEREST: Rep. Castle (DE-AL), Sen. Carper (DE) & Sen. Biden (DE).

DISTRICT: Philadelphia

DATE: 6 Feb 08