

USACE UPDATE FOR THE NATIONAL WATERWAYS CONFERENCE

Thomas P. Smith, PE, SES
Chief, Operations and Regulatory HQ U.S.
Army Corps of Engineers
Washington, D.C.
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Real-World Impact!***



US Army Corps
of Engineers®



AGENDA

Natural
Resource
Management
Updates

High Water
Challenge
2019

Permitting
Improvements

Navigation
Next Steps

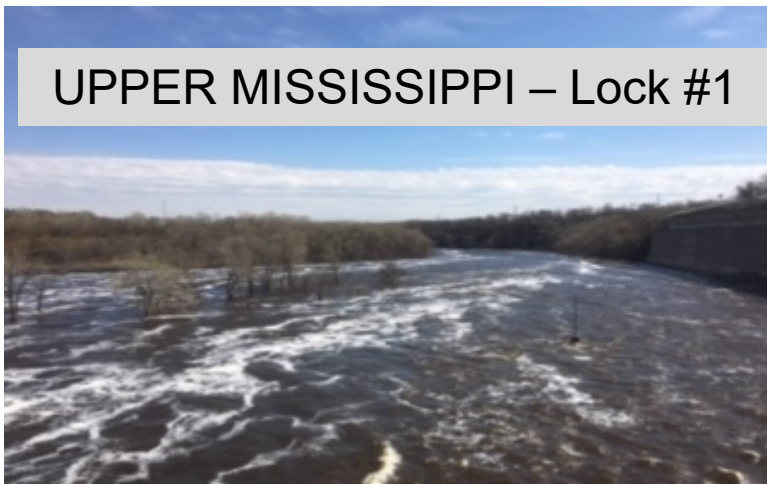
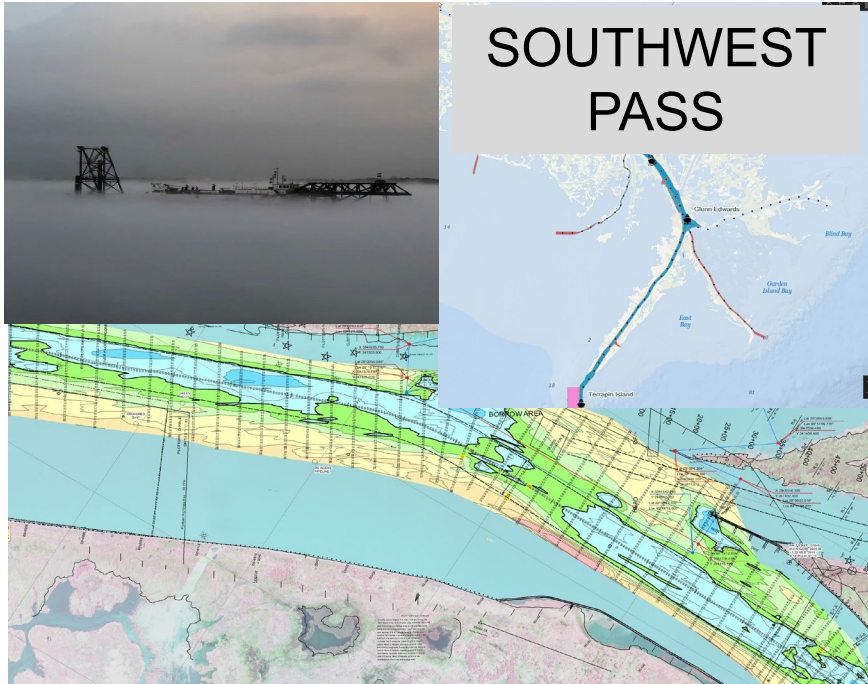
Hydropower
Efficiencies

WRDA
2018

Levee
Policy



NAVIGATION CHALLENGES 2019





MKARNS – SPRING FLOODING EVENT 2019



WD Mayo, Lock and Dam 14



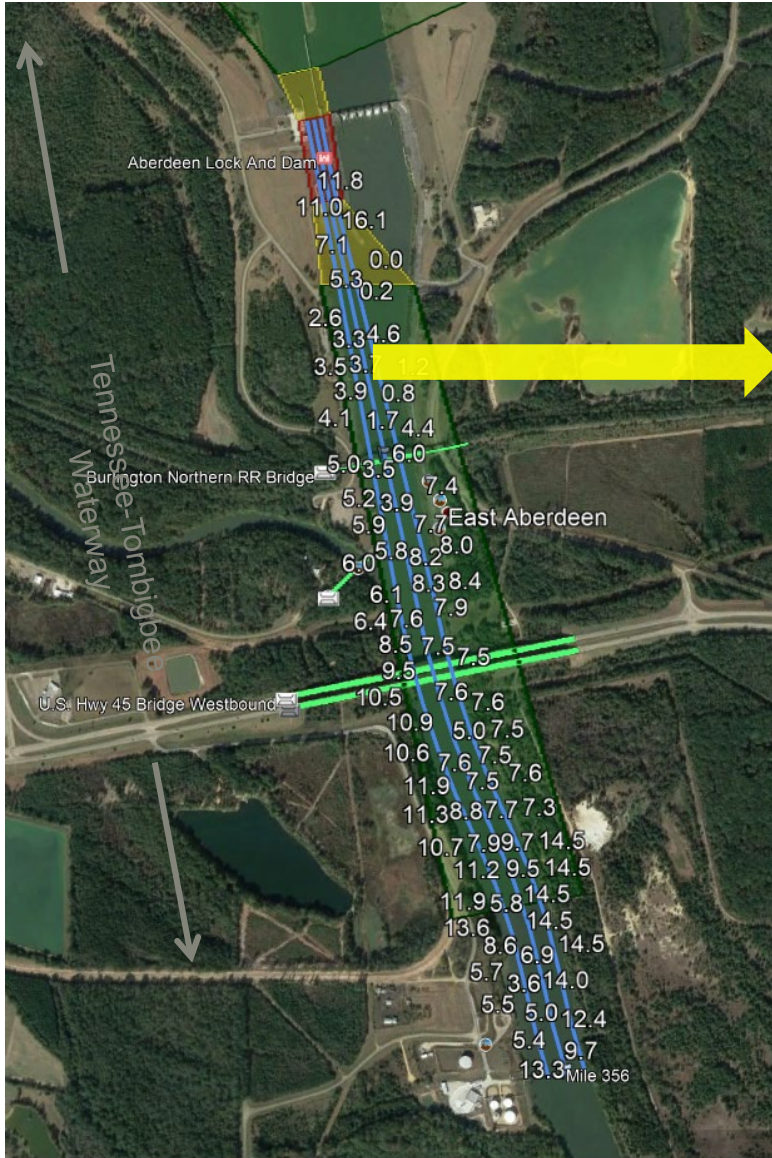
Webbers Falls



TENN-TOM WATERWAY MILE 357 CHANNEL OBSTRUCTION



28 February 2019





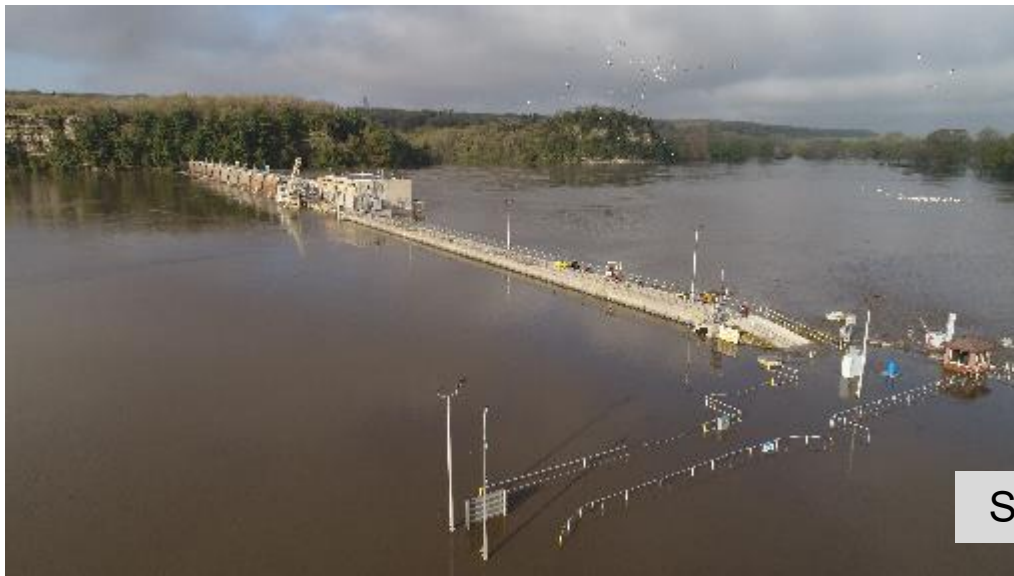
UPPER MISSISSIPPI FLOODING SPRING 2019



Lock & Dam 16 (May and April 2019)



ILLINOIS WATERWAY SPRING FLOODING 2019

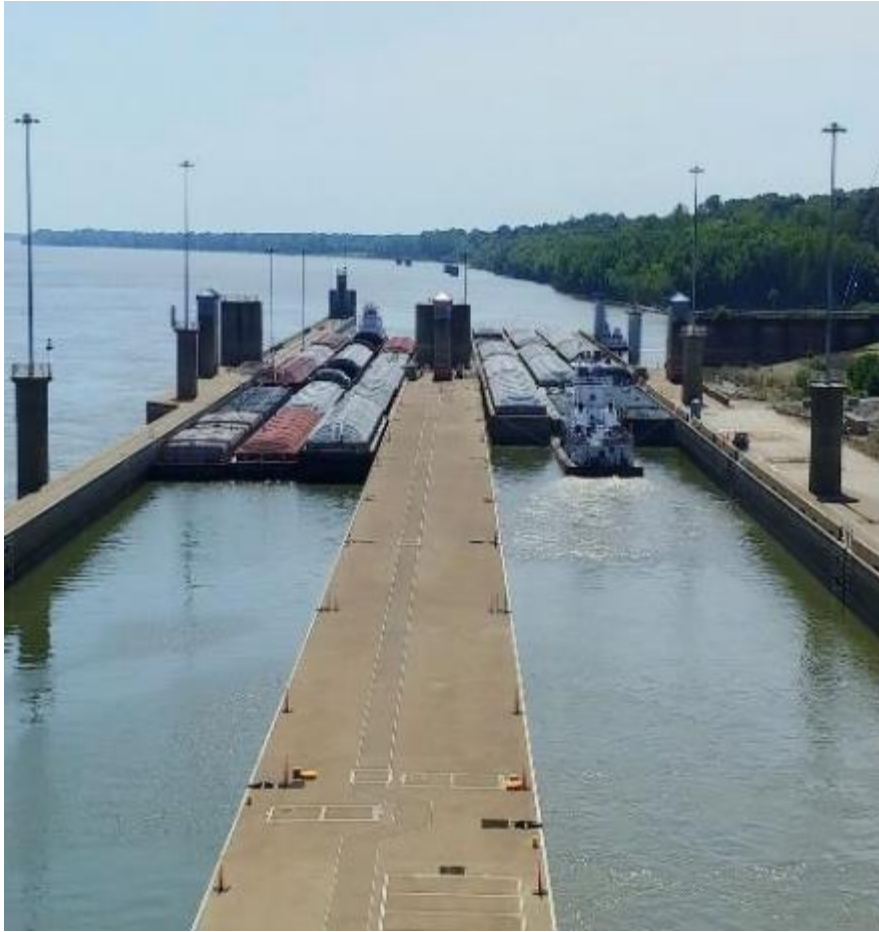


Starved Rock Lock & Dam





OLMSTED LOCKS & DAM





USDA REPORT ON THE VALUE OF INLAND MARINE TRANSPORTATION SYSTEM



USDA United States Department of Agriculture
Agricultural Marketing Service

Agribusiness Consulting
Agribusiness Intelligence | Informa

Importance of Inland Waterways to U.S. Agriculture

Analyzing Three Investment Scenarios

August 2019

Barge tow on Chain of Rocks Canal of Mississippi River above St. Louis

This report was produced for the United States Department of Agriculture (USDA), Agribusiness Intelligence Service (AIS), through Cooperative Agreement Number 50-TUSDA-TR-0001. Informa Agribusiness Consulting (Informa) has used the best and most accurate information available to complete this study. For more information and to learn more about Informa Agribusiness Consulting, please visit AgribusinessIntelligence.com. A more detailed report can be found on USDA AIS website.

America's Heartland Requires a Reliable Transportation Corridor

Corn and Soybean Production (Million Bushels)

- 10 and greater
- 5 to 10
- 2.5 to 5
- 1 to 2.5
- less than 1

Projects by Amount (\$ 1,000,000)

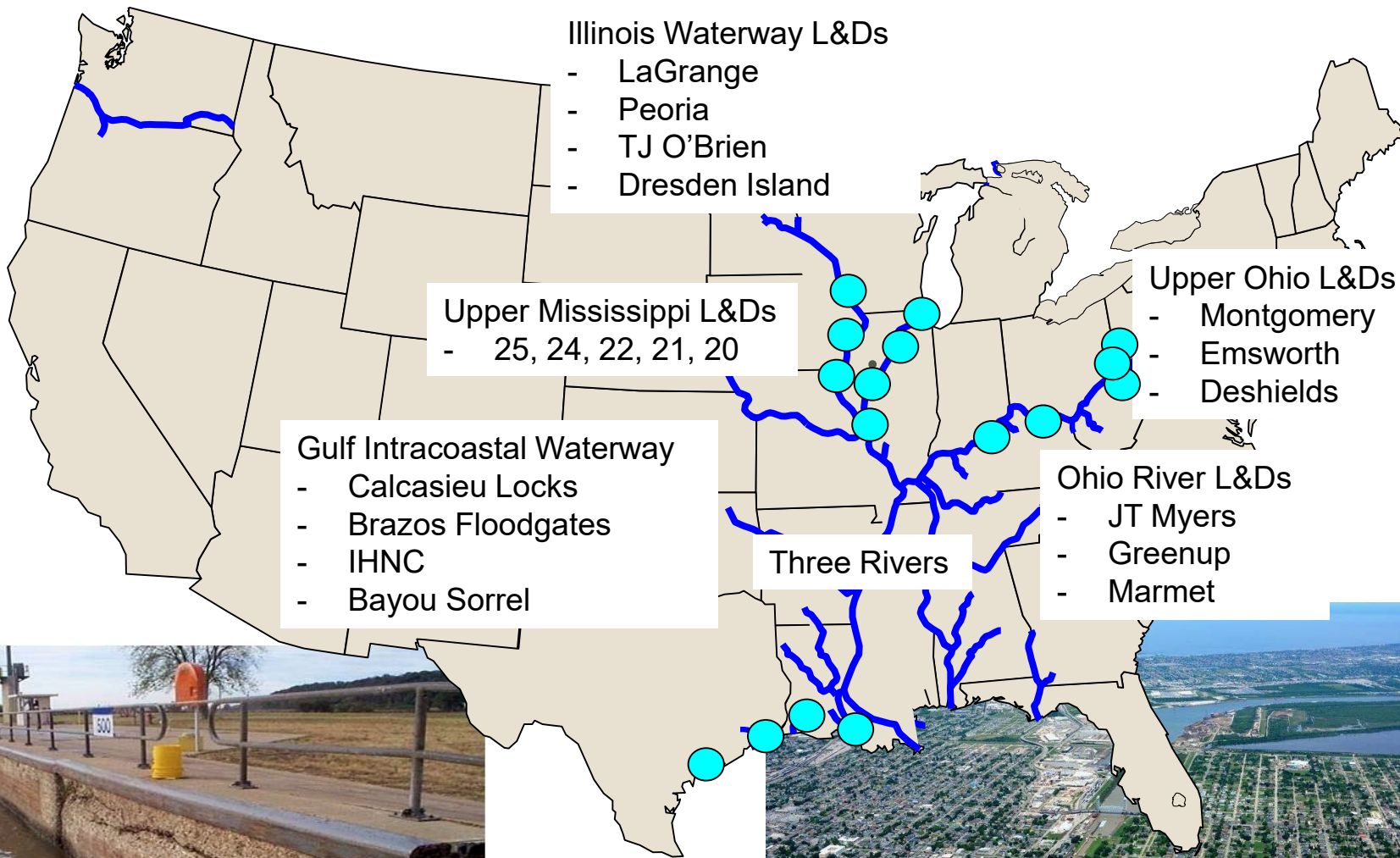
- 500 and greater
- 100 to 500
- 50 to 100
- less than 50

Navigable Waterways
Dredging Lower Mississippi Prior to 2010
River City

Density of U.S. Corn and Soybean Production Areas in Proximity to the Navigable Waterways on the Mississippi River System Depicted in Map



CAPITAL INVESTMENT OPPORTUNITIES





INLAND WATERWAYS INITIATIVES



- Synchronized maintenance
- System and Component Standardization

Location	NO		MA		A		NO		MA		AU		NO		MA	
	Q4CY18	Q1CY19	Q2CY19	Q3CY19	Q4CY19	Q1FY20	Q2FY20	Q3FY20	Q4FY20	Q1FY21	Q2FY21	Q3FY21	Q4FY21	Q1CY22	Q2CY22	Q3CY22
Brandon Road											75	15	10			
Dresden Island											75	15	10			
Marseilles				75	15						90	120				
Starved Rock				75	15						120					
Peoria											60					
LaGrange											90	120				

Location	MA		AU		NO		MA		AU		NO		MA		AU	
	Q2CY21	Q3CY21	Q4CY21	Q1CY22	Q2CY22	Q3CY22	Q4CY22	Q1FY23	Q2FY23	Q3FY23	Q4FY23	Q1CY23	Q2CY23	Q3CY23	Q4CY23	
Brandon Road															90-120	
Dresden Island															90-120	
Marseilles																
Starved Rock																
Peoria																
LaGrange																

- Legend:**
- Open** (Green): No planned impedance to traffic; unscheduled delays possible.
 - Partial Closure** (Yellow): Closed during the day (typically 8-12 hours), and pass traffic at night. Typically partial closures also include width/length restrictions.
 - Full Closure** (Red): Lock closed; no ability to pass traffic.

NATURAL RESOURCES CHALLENGES/INITIATIVES

- Challenges

- Boundary Encroachments
- Land Use Requests
- Visitor Management
- **Flood Damages**
- Invasive Species



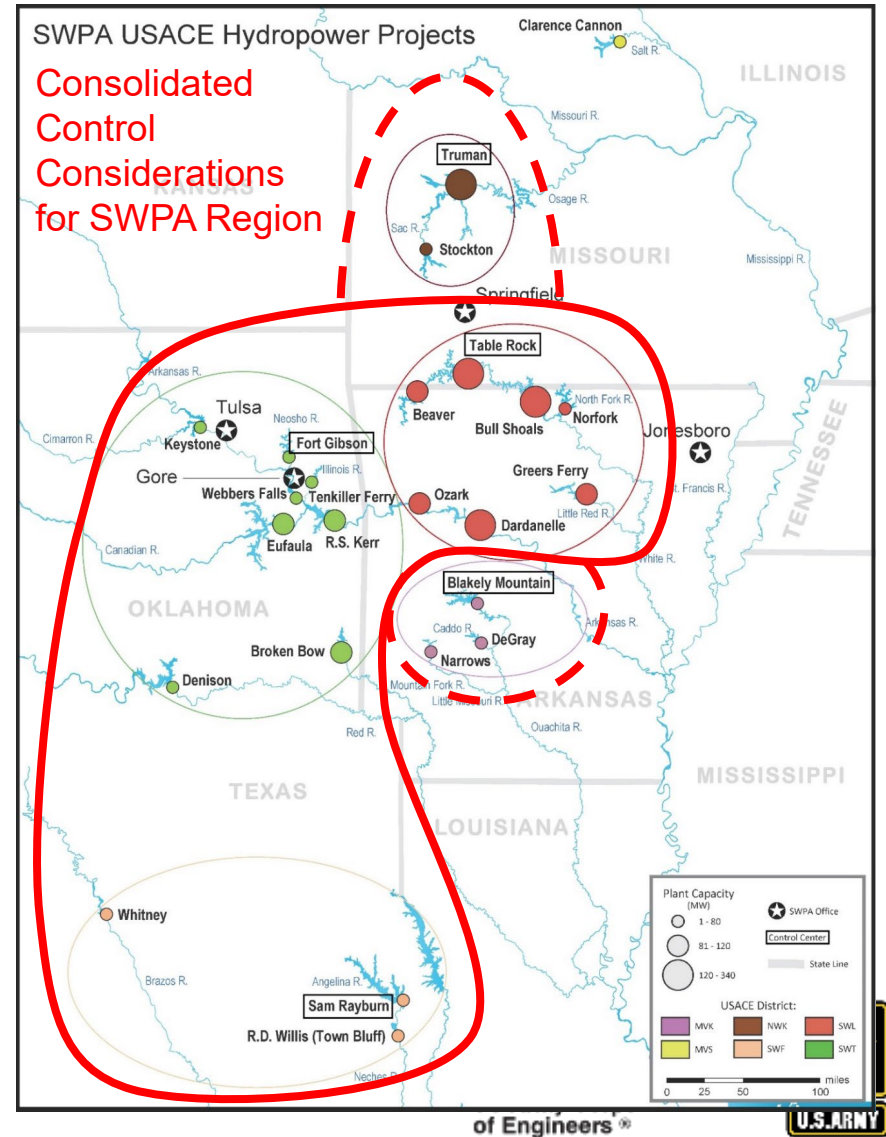
- Initiatives

- Strong Water Safety program
 - Life Jackets Worn...Nobody Mourns
- Partnerships
 - \$60M in value added



USACE Hydropower Program

- Collaboratively Working with PMAs to Improve Performance and Keep Costs Low Through 4 Key Initiatives of the **Federal Hydropower Council**
 - Acquisition and Delivery
 - Joint Cost Allocation and Charging
 - Water Storage Reallocation
 - **O&M Efficiencies**
- Evaluating **Consolidated Control** Options Throughout USACE in Order to **Reduce Operational Costs and Increase Dispatch Flexibility**
 - EXAMPLE: Efforts Underway to Consolidate 3 Control Centers in SWD and Evaluating the Incorporation of MVD and NWK Projects in SWPA Region





COMPREHENSIVE LEVEE SAFETY POLICY



Risk = f(Hazard, Performance, Consequences)
 The measure of the probability and severity of undesirable consequences



DRAFT

<p>DAAG-03-10-0000</p> <p>Program of Work</p> <p>11-05-02-C</p>	<p>COMPLETION OF THE FLOOD PROTECTION PROGRAM</p> <p>U.S. Army Corps of Engineers</p> <p>Washington, DC 20315-4100</p> <p>17 March 2015</p>	<p>100-000000</p>
<p>NO. OF APPROVED PROPOSALS</p> <p>100-000000</p>		
<p>NO. OF APPROVED PROPOSALS</p> <p>100-000000</p>		
<p>NO. OF APPROVED PROPOSALS</p> <p>100-000000</p>		

DRAFT COPY – March 2015

Currently On Hold

While this policy is on hold we intend to implement an Engagement Plan to seek comprehensive feedback from sponsors and stakeholders on the Levee Safety Program




WRDA UPDATE



https://www.usace.army.mil/Missions/Civil-Works/Project-Planning/Legislative-Links/wrda_2018/wrda2018_impguide/

WRDA 2018 Implementatio...

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US Army Corps of Engineers Headquarters

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WRDA 2018 Implementation Guidance

To view specific guidance on each section of WRDA 2018, click on the hyperlinked provision.
If the provision is not hyperlinked, guidance is in the process of being developed.

SECTION	SECTION NAME
1101	Sense of Congress Regarding Water Resources Development Bills.
1102	Study of The Future of The United States Army Corps of Engineers.
1103	Study on Economic and Budgetary Analyses.
1104	Dissemination of Information.
1105	Non-Federal Engagement and Review.
1106	Lake Okeechobee Regulation Schedule Review.
1107	Access to Real Estate Data.
1108	Aquatic Invasive Species Research.
1109	Harmful Algal Bloom Technology Demonstration.
1110	Bubbly Creek, Chicago Ecosystem Restoration.

WRDA 2018 addresses water infrastructure needs critical for the Nation's economic competitiveness and domestic security

USACE has posted WRDA 2018 Implementation Guidance on a public facing website.



ONE FEDERAL DECISION PROJECTS REGULATORY PROGRAM



EXECUTIVE ORDERS

Presidential Executive Order on Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure

INFRASTRUCTURE & TECHNOLOGY | Issued on: August 15, 2017



By the authority vested in me as President by the Constitution and the laws of the United States of America, and in order to ensure that the Federal environmental review and permitting process for infrastructure projects is coordinated, predictable, and transparent, it is hereby ordered as follows:

Section 1. Purpose. America needs increased infrastructure investment to strengthen our economy, enhance our competitiveness in world trade, create jobs and increase wages for our workers, and reduce the costs of goods and services for our families. The poor condition of America's infrastructure has been estimated to cost a typical American household thousands of dollars



Project	Lead Agency	USACE District	NOI Date
Coos Bay Channel Mod	USACE	Portland – Planning (Reg cooperating)	8/18/17
Leavitt Reservoir Expansion	BLM	Omaha	9/29/17
Jordan Cove LNG	FERC	Portland	10/5/17
Alkali Creek Reservoir	BOR	Omaha	10/11/17
US Route 58/220	FHWA	Norfolk	2/22/18
I-495 Managed Lanes	FHWA	Baltimore	3/16/18
Vineyard Wind	BOEM	New England	3/30/18
New Mexico Unit	BLM	Albuquerque	6/12/18
Gemini Solar	BLM	Sacramento	7/13/18
MVP Southgate Pipeline	FERC	Norfolk/Wilmington	8/9/18
South Fork Wind	BOEM	New England	10/19/18
US 275 Nebraska	USACE	Omaha	10/31/18
Campo Wind	BIA	Los Angeles	11/21/18
Plains Pipeline	BLM	Los Angeles	5/3/19
Dominion Power	USACE	Norfolk	6/21/19
BOR Anderson Ranch Reservoir	BOR	Walla Walla	8/9/2019

E013807 also applies to USACE-led Studies



USACE PERMITTING INITIATIVES



- Expanded and improved public facing website and fixed links
- Lead District established with “single point of contact” for projects crossing multiple states and districts
- Synchronized Section 404/10 and Section 408 Strategy
- Section 408 decisions delegated to districts; reduced scope of project reviews
- Guidance allowing mitigation credits dam removal and culvert replacements
- Reissuing all Nationwide Permits early to improve federal agency requirements and issue a new category of aquaculture permits
- OFD Implementation

US Army Corps of Engineers Headquarters

Search HQ USACE

Missions Civil Works Regulatory Program and Permits

Regulatory Program Links

- Appeals Program
- Emergency Actions
- Frequently Asked Questions
- Jurisdictional Information
- Mitigation Information
- National Notices/Program Initiatives and Announcements
- Nationwide Permits
- Obtain a Permit
- Regulatory Contacts
- Related Resources
- Section 214 / Transportation Information
- Video Library

Latest News

- 25 February 2019 - **Regulatory Guidance Letter 19-01 (Mitigation Bank Credit Release Schedules and Equivalency in Mitigation Bank and In-Lieu Fee Program Service Areas)** The Assistant Secretary of the Army for Civil Works has announced the issuance of the USACE Regulatory Guidance Letter (RGL) 19-01. This RGL provides guidance to USACE district engineers on credit release schedule for mitigation banks and on using consistent criteria to establish service areas for both mitigation banks and in-lieu fee programs.
- 14 February 2019 - **EPA and Army publish revised “waters of the United States” definition** The U.S. Environmental Protection Agency (EPA) and the Department of the Army announced today the publishing in the Federal Register of the proposed new definition of “waters of the United States” that clarifies federal authority under the Clean Water Act. The notice is available at <https://www.federalregister.gov/documents/2019/02/14/2019-00791/revised-definition-of-waters-of-the-united-states>. The agencies’ proposal is the second step in a two-step process to review and revise the definition of “waters of the United States” consistent with the February 2017 Presidential Executive Order entitled “Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the ‘Waters of the United States’ Rule.” The publishing of the proposal and outreach efforts were delayed due to the lapse in appropriations for EPA. Today’s notice begins a 60-day public comment period that will close on April 15, 2019. EPA and the Army will hold an informational webcast on February 14, 2019, and will host a listening session on the proposed rule in Kansas City, KS, on February 27-28, 2019. Additional information, including supporting analyses and fact sheets, is available at: <https://www.epa.gov/waters-rule/step-two-revision-of-the-clean-water-act-definition>
- 11 December 2018 - **EPA and Army Postpone Public Hearing on Proposed New “Waters of the United States” Definition** Due to the lapse in appropriations for the U.S. Environmental Protection Agency (EPA) and the U.S. Army, the Army (Army) has postponed the proposed new “Waters of the United States” definition. The EPA Public Register is also postponed. Information is also posted on the EPA website at <http://www.epa.gov/waters-rule/epa-postpones-public-hearing-proposed-new-waters-of-the-united-states-definition>

Regulatory (Permits)

The Department of the Army Regulatory Program is one of the oldest in the Federal Government. Initially it served a fairly simple, straightforward purpose: to protect and maintain the navigable capacity of the nation’s waters. Time, changing public needs, evolving policy, case law, and new statutory mandates have changed the complexion of the program, adding to its breadth, complexity, and authority.

The Regulatory Program is committed to protecting the Nation’s aquatic resources and navigation capacity, while allowing reasonable development through fair and balanced decisions. The Corps publishes permit decisions for

Public Viewer

US Army Corps of Engineers

All Content Final IP Pending IP Emergency WRDA DWHS **AJD** Section 408

Search USACE Actions by Content...

Filter by District: - All Districts - Year: All Years Month: Year to Date

Displaying 1 to 25 of 60691 matching actions

BACK TO SEARCH RESULTS

DA Number: NAD-2008-02623-KSP

Project Name: Springfield interchange I-495 HOT Lane 1P

Applicant: Mitch Lester-Floor-Lane

District: Norfolk

History of Actions:

Permit Type: Standard Permit

Public Notice Date: 02-OCT-2008

Action Taken: Issued With Special Conditions

Date Issued/Denied: 02/17/2009

Federally Complete: 09/02/2008

Subactions:

Section 106 of the NHPA

Begin Date: 2008-11-07

End Date: 2009-01-08

Stress Determination: No Adverse Effect

408

Search Area

Basemaps

- Aerial
- Street
- Light Gray
- Dark Gray

Final IP

Pending IP

Emergency

WRDA

DWHS

AJD

Section 408

Suggestions



THANK YOU

