

# Inland Waterways Users Board Meeting No. 70 New Orleans, Louisiana

## Financial Report & Project Summaries

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USACE Headquarters

January 14, 2014



US Army Corps of Engineers  
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# FY 13 Status of Trust Fund

(30 Sept 2013)

	IWTF	USACE
FY 13 Beginning Balance:	\$45,935,761	-
Previous Transfer Authority(PTA)	-	\$7,332,347
<b>Total Available -</b>	<b>\$45,935,761</b>	<b>\$7,332,347</b>
FY 13 Fuel Tax Revenue:	\$75,110,279	-
FY 13 Interest:	\$43,046	-
<b>Total Income-</b>	<b>\$75,153,325</b>	<b>-</b>
Transfers to Corps:	(\$87,643,583)	\$87,643,583
Transfers to Corps(SEQ/ATB):	(\$4,028,744)	\$4,028,744
Transfers from Corps(8861 acct):	\$4,404,062	(\$4,404,062)
<b>Total Transfers-</b>	<b>(\$87,268,265)</b>	<b>\$87,268,265</b>
<b>Total Activity-</b>	<b>(\$12,114,940)</b>	<b>\$87,268,265</b>
<b>Applied to Projects-</b>	<b>-</b>	<b>(\$87,643,583)</b>
<b>Ending Balance -</b>	<b>\$33,820,821</b>	<b>\$6,957,029</b>



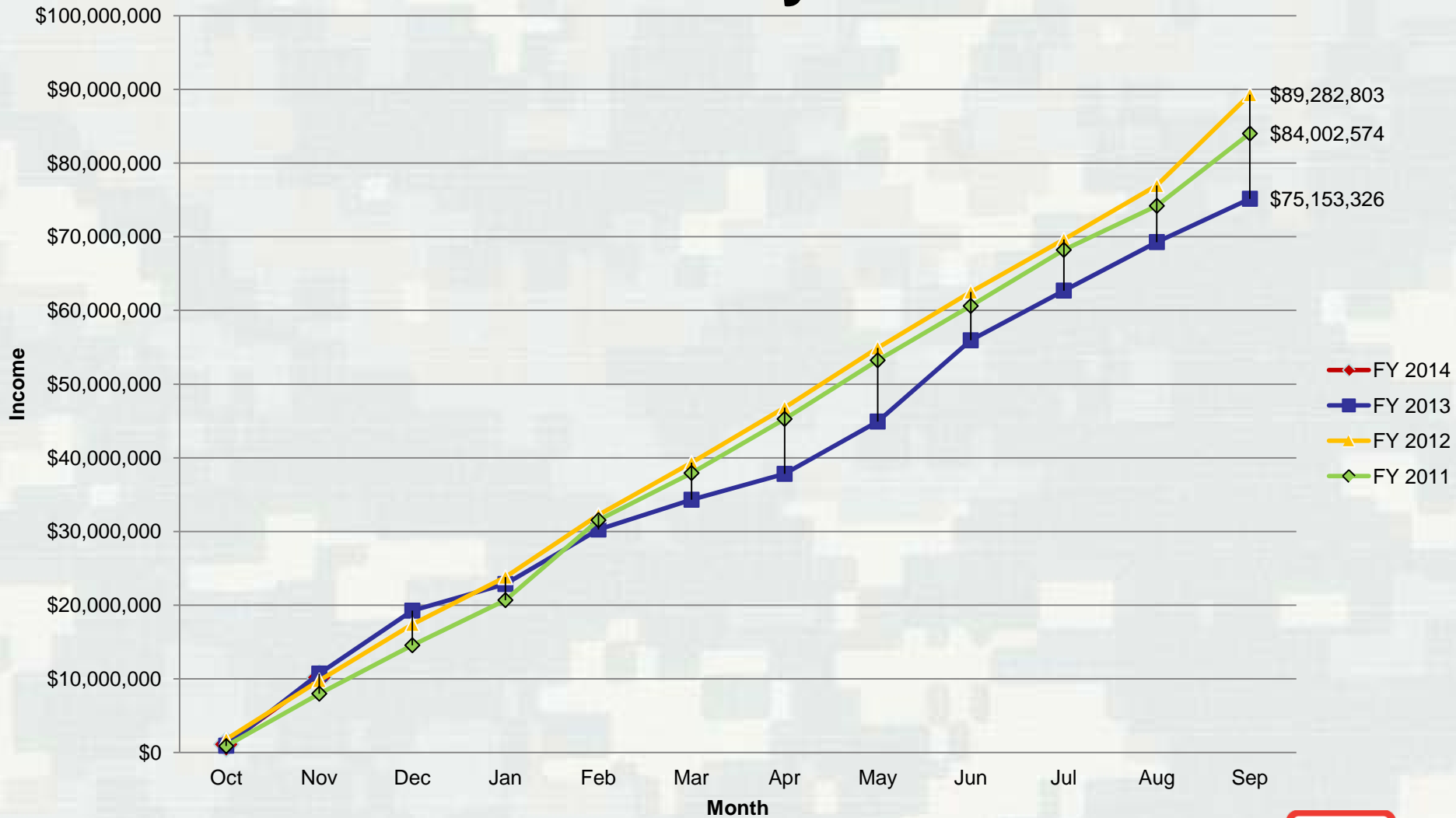
# FY 14 Status of Trust Fund

(31 Dec 2013)

	IWTF	USACE
FY 14 Beginning Balance:	\$33,820,821	-
Previous Transfer Authority(SEQ/ATB)		\$4,028,744
Previous Transfer Authority(PTA)	-	\$2,928,285
<b>Total Available -</b>	<b>\$33,820,821</b>	<b>\$6,957,029</b>
FY 14 Fuel Tax Revenue:	\$17,600,000	-
FY 14 Interest:	\$6,699	-
<b>Total Income-</b>	<b>\$17,606,699</b>	
Transfers from Corps(SEQ/ATB):	\$4,028,744	(\$4,028,744)
<b>Total Transfers-</b>	<b>\$4,028,744</b>	<b>(\$4,028,744)</b>
<b>Total Activity-</b>	<b>\$21,635,443</b>	<b>(\$4,028,744)</b>
<b>Ending Balance -</b>	<b>\$55,456,264</b>	<b>\$2,928,285</b>



# Inland Waterways Trust Fund



# Inland Waterways Trust Fund



# FY 13 USACE IWTF Applied to Projects

■ Olmsted L&D	\$71,856,000
■ Lower Monongahela 2,3,4	\$11,093,652
■ Miss River L&D 27	\$ 474,050
■ Emsworth L&D	\$ 250,000

Total: \$83,673,702





# Sequestration

- Sequestration applies to the amount drawn from the Trust Fund in FY 2013
- Sequestration of the Trust Fund monies is TEMPORARY (FY 2013 only)
- Amount Sequestered- \$3,853,339



# Across the Board Reduction

- The Across the Board (ATB) Reduction applies to the amount drawn from the Trust Fund in FY 2013
- ATB Reduction of the trust funds is ~~PERMANENT.~~ TEMPORARY
- Amount reduced -\$175,405





# Project Updates



# Olmsted Locks & Dam, Ohio River



Project Cost\*: \$ 3,099,000,000  
 FY12 Allocation: \$ 149,287,623 (\$74.644M CG / IWTF)  
 FY13 Allocation : \$ 143,712,000 (\$71.856M CG / IWTF)  
 FY14 Budget: \$ 163,000,000  
 ARRA Funds: \$ 29,516,000  
 Remaining Balance: \$ 1,450,000,000

## Status of Dam

- Tainter Gate 16 of 18 shells set
- Dam Operational 2020
- Project Completion scheduled in Sept 2024
- Continuing Resolution signed into Law 17 October 2013

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Dam	26-Aug-96	28-Jan-04	30-Jun-21	1-Jul-21	30-Dec-21
Wicket Lifter	1-Oct-15	9-Feb-17	13-Feb-19	14-Feb-19	30-Jun-19
Building & Grounds	1-Oct-18	18-Jun-19	30-Apr-21	1-May-21	30-Sep-21
Demolition L&D 52	1-Apr-19	18-Oct-21	16-Feb-24	N.A.	30-Jun-24
Demolition L&D 53	1-Apr-19	1-Dec-21	1-Oct-23	N.A.	1-Jan-24
River Dikes	1-Oct-20	6-Jun-22	7-Jun-24	30-Jun-24	30-Sep-24



Note \*: Cost and Schedule data are reflective of the PACR dated April 2012

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# Locks and Dams 2, 3 & 4, Monongahela River



Project Cost\*: \$ 1,763,000,000  
 FY13 Allocation: \$ 23,697,311 (\$ 11.1M CG / IWTF, \$1.5M ARRA)  
 FY14 Budget: \$ 1,960,000  
 ARRA Funds: \$ 68,402,740  
 Remaining Balance: \$ 1,202,611,000

## Status (major features)

- Completed the Charleroi River Chamber Prep and Guard Walls Contracts
- Awarded Charleroi Emptying Basin Contract
- Charleroi River Wall and Emptying Basin Contracts continue

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Charleroi River Wall	1-Oct-95	27-Sep-04	30-Sep-14		
Charleroi Upper and Lower Guard Walls	1-Oct-95	28-Aug-09	17-Jul-13		
Charleroi River Chamber Preparatory Contract	1-Oct-95	13-Jan-12	27-Sep-13		
Charleroi Emptying Basin	1-Oct-95	30-Sep-13	26-Dec-15		
Charleroi River Chamber	1-Oct-95		Funding + 5 years		
L/D 3 Removal	1-Oct-17		Funding + 1.5 years		
Dredging	1-Oct-95		Funding + 3 years		
Municipal Relocations	1-Oct-93		Funding + 5 years		
Port Perry Bridge Relocation	1-Oct-95		Funding +5 years		



Note \*: Cost and Schedule data are reflective of the FY2013 cost Update and 902 Limit Calculations, Fully Funded

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# Kentucky Lock & Dam, Tennessee River



Project Cost\*: \$ 857,125,000  
 FY13 Allocation: \$ 43,980,669 (CG) / \$455,013 (ARRA)  
 FY14 Budget: \$ 0  
 ARRA Funds: \$ 88,859,734  
 Remaining Balance: \$ 445,623,892

## Status

- **Upstream (U/S) Lock Monoliths - \$97M (ARRA & CG)**
  - All 10 Options Exercised, 50% Complete
  - Constructs 9 monoliths to full height
  - Critical path of project
- **U/S Miter Gate Fabrication - \$5.5M (all CG)**
  - Installation of U/S Miter Gate pending funding
- **Hold back of \$4.124 Provided in FY 13**

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Hwy/RR Superstructures	1-Oct-99	19-Sep-05	24-May-12		
Upstream Lock Monoliths (all Options)	1-Oct-00	29-Jan-10	8-Jan-16		
Upstream Miter Gates Fabrication	1-Oct-02	30-Sep-13	31-Mar-15		
Lock and Downstream Cofferdam	1-Oct-00		Funding + 5.5 years		
Approach Walls	1-Oct-02		Funding + 14 months		



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Note : \* Fully funded total project cost is in Oct 2013 \$'s.



# Chickamauga Lock & Dam, Tennessee River



Project Cost\*: \$ 705,036,000  
 FY13 Allocation : \$ 0  
 FY14 Budget: \$ 0  
 ARRA Funds: \$ 52,519,000  
 Remaining Balance: \$ 522,884,000

## Status

- **Construction Temporarily Suspended;**
- **Cofferdam Contract Closed;**
- **Work utilizing ARRA Funds**
  - **Gates, Valves, Bulkheads Contract Closed**
  - **Approach Wall Beam Castings Physically Complete, Stored**
- **Lock Design Complete**
  - **Award pending funding**
  - **Hold back of \$1.814M available**
  - **Cost Risk Analysis in progress – scheduled completion June14**

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Cofferdam Contract	30-Jan-05	30-Sep-06	29-Sep-12		
Miter gates, Valves, Bulkheads Fab	30-Sep-05	24-Sep-09	29-Sep-12		
Bridges Fabrication	15-July-09	28-Sep-09	30-Dec-10		
Approach Walls Fabrication	30-March-04	05-Apr-10	08-Mar-13		
Excavation Phase I	31-Sep-05		Funding + 24 months		
Lock Construction & Decommission Existing Lock	11-Aug-05		Funding + 6 years		



Note \*: Fully funded total project cost is in Oct 2013 \$'s

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# Emsworth Locks & Dam, Ohio River



Project Cost: \$160,000,000  
 FY12 Allocation : \$ 1,510,000 (0 CG, 0 IWTF, \$1.5M ARRA)  
 FY13 Allocation : \$ 5,881,081 (5.9M CG, .4M IWTF, -.4M ARRA)  
 FY14 Budget : \$ 0  
 ARRA Funds: \$ 33,555,052  
 Remaining Balance: \$ 7,055,267

## Status

- Prior FY Holdback of \$5,867,500 received in FY 13
- High water impacts delay construction completion to Oct 2014
- Project expected to be complete with available funds

Schedule of Remaining Work*	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Main Channel Gate & Scour Rehab	1-Jun-07	30-Jul-08	31- Jan-14	1-Feb-2014	31-Jul-14
Back Channel Right Abutment	31-Jan-09	31-Aug-09	31-Dec-10	1-Jan-11	30-Sep-11
Back Channel Service Bridge Rehab	31-Dec-08	18-Sep-09	31-Dec-10	1-Jan-11	30-Jun-11
Back Channel Scour Protection	30-Sep-09	31-Mar-10	31-Oct-14	1-Nov-14	30 Apr 15
Main Channel Service Bridge Rehab	31-Aug-10	13-Jan-12	26-May-14	27-May-14	30 Nov 14



# Locks & Dam 27 Major Rehabilitation, Mississippi River



Project Cost: \$39,927,000  
 Allocations thru FY13 (incl. ARRA): \$39,927,000  
 Remaining Balance: \$0

## Status

- All ARRA contracts awarded
- Main Lock Lift Gate installed and functional
- All contracts completed in 2013, O&M Manuals remaining

Schedule of Remaining Work	Design Initiated	Contract Award	Physical Construction Complete	Project Benefits	Capitalized Cost Closeout
High Mast Lighting	9/30/2008	9/11/2009	8/14/2010	8/3/2010	7/11/2011
Fabricate new Culvert Valve Machinery	1/15/2009	8/28/2009	9/28/2010	N/A	3/27/2011
Install Main Lock Lift Gate	7/15/2009	In house labor	8/31/2010	8/31/2010	2/27/2011
Fabricate Main Lock Miter Gates	6/18/2009	8/3/2010	1/31/2013	N/A	8/30/2013
Install Culvert Valves and Culvert Valve Machinery	10/1/2009	7/15/2010	2/16/2011	2/16/2011	4/6/2012
Construct Tiedowns	4/7/2009	8/6/2010	2/15/2011	2/15/2011	9/29/2012
Install Main Lock Miter Gates	4/1/2010	8/3/2010	5/16/2013	3/1/2013	8/30/2014
Construct Upstream Protection Cell	12/21/2009	8/19/2010	3/4/2011	2/14/2011	2/21/2012



# Lockport Pool Major Rehabilitation, Illinois Waterway



Project Cost: \$130.1 Million  
 Allocations thru FY13 (incl. ARRA): \$120.1 Million  
 Remaining Balance: \$ 10 Million

## Status

- **Canal Wall has been returned to service**
- **Controlling Works has been returned to service**
- **Forebay Wall schedule depends on FY14 funding**

Schedule of Remaining Work	Design Initiated	Contract Award	Physical Construction Complete	Project Benefits	Capitalized Cost Closeout
Stage 2 Controlling Works	10/1/2008	6/29/2010	10/4/2012	9/25/2012	6/1/2013
Stage 3 Canal Wall	10/1/2006	9/9/2009	9/23/2012	5/25/2012	6/1/2013
Stage 1C Powerhouse Forebay Wall	4/2/2012	12/31/2013	4/30/2016	11/30/2015	9/30/2016



# IHNC Lock Replacement



Project Cost: \$1,523,385,000  
 Allocations thru FY14 (incl. ARRA): \$111,702,399  
 Remaining Balance: \$1,411,682,601

## Status

- Project was enjoined from continuance on 9 September 2011
- All Deep Draft E&D has been terminated due to the legal enjoinder
- USACE/Sponsor is shifting to a shallow Draft Lock Replacement based on Sponsor's request

Schedule of Remaining Work	Design Initiated	Contract Award	Physical Construction Complete	Project Benefits	Capitalized Cost Closeout

