



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
441 G STREET, NW
WASHINGTON, D.C. 20314-1000

CECW-P

MAR 10 2017

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Implementation Guidance for Section 1401 of the Water Resources Development Act of 2016

1. Section 1401 authorizes 34 projects for water resource development and conservation and other purposes based upon their inclusion in the annual reports submitted to Congress in 2015, and 2016 pursuant to Section 7001 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2282d), or otherwise reviewed by Congress. Each of the authorized projects (see enclosure) must be carried out in accordance with the Chief of Engineers reports referenced in this section. Preconstruction Engineering and Design may proceed, subject to the availability of Investigation or Construction funds. No construction work may be undertaken until funds are appropriated to initiate physical construction of these projects. Separate implementation guidance will be prepared for the Mill Creek project, the Los Angeles River project, and the Upper Trinity River project, for which Special Rules were provided under Section 1402.

2. Questions regarding this implementation guidance should be directed to Ada Benavides, Senior Policy Advisor, Planning and Policy Division, at (202) 761-0415, Ada.Benavides@usace.army.mil.

A handwritten signature in black ink, appearing to read "J. Dalton".

JAMES C. DALTON, P.E.
Director of Civil Works

Encl

DISTRIBUTION:
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SEC. 1401. PROJECT AUTHORIZATIONS.

The following projects for water resources development and conservation and other purposes, as identified in the reports titled "Reports to Congress on Future Water Resources Development" submitted to Congress on January 29, 2015, and January 29, 2016, respectively pursuant to section 7001 of the Water Resources Reform and Development Act of 2014 (33 U.S.C 2282d) or otherwise reviewed by Congress, are authorized to be carried out by the Secretary substantially in accordance with the plans, and subject to the conditions, described in the respective reports designated in this section:

(1) NAVIGATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. TX	Brazos Island Harbor	Nov. 3, 2014	Federal: \$121,023,000 Non-Federal: \$89,453,000 Total: \$210,476,000
2. LA	Calcasieu Lock	Dec. 2, 2014	Total: \$17,432,000 (to be derived ½ from general fund of Treasury and ½ from Inland Waterways Trust Fund)
3. NH, ME	Portsmouth Harbor and Piscataqua River	Feb. 8, 2015	Federal: \$16,015,000 Non-Federal: \$5,338,000 Total: \$21,353,000
4. FL	Port Everglades	Jun. 25, 2015	Federal: \$229,770,000 Non-Federal: \$107,233,000 Total: \$337,003,000
5. AK	Little Diomedes Harbor	Aug. 10, 2015	Federal: \$26,394,000 Non-Federal: \$2,933,000 Total: \$29,327,000
6. SC	Charleston Harbor	Sep. 8, 2015	Federal: \$231,239,000 Non-Federal: \$271,454,000 Total: \$502,693,000
7. AK	Craig Harbor	Mar. 16,	Federal: \$29,456,000

		2016	Non-Federal: \$3,299,000 Total: \$32,755,000
8. PA	Upper Ohio	Sep. 12, 2016	Total: \$2,691,600, (to be derived ½ from general fund of Treasury and ½ from Inland Waterways Trust Fund)

(2) FLOOD RISK MANAGEMENT.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. TX	Leon Creek Watershed	Jun. 30, 2014	Federal: \$22,145,000 Non-Federal: \$11,925,000 Total: \$34,070,000
2. MO, KS	Armourdale and Central Industrial District Levee Units, Missouri River and Tributaries at Kansas Cities	Jan. 27, 2015	Federal: \$213,271,500 Non-Federal: \$114,838,500 Total: \$328,110,000
3. KS	City of Manhattan	Apr. 30, 2015	Federal: \$16,151,000 Non-Federal: \$8,697,000 Total: \$24,848,000
4. TN	Mill Creek	Oct. 16, 2015	Federal: \$17,950,000 Non- Federal: \$10,860,000 Total: \$28,810,000
5. KS	Upper Turkey Creek Basin	Dec. 22, 2015	Federal: \$25,610,000 Non- Federal: \$13,790,000 Total: \$39,400,000
6. NC	Princeville	Feb. 23, 2016	Federal: \$14,080,000 Non-Federal: \$7,582,000 Total: \$21,662,000
7. CA	American River Common	Apr. 26,	Federal:

	Features	2016	\$890,046,900 Non-Federal: \$705,714,100 Total: \$1,595,761,000
8. CA	West Sacramento	Apr. 26, 2016	Federal: \$788,861,000 Non-Federal: \$424,772,000 Total: \$1,213,633,000.

(3) HURRICANE AND STORM DAMAGE RISK REDUCTION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. SC	Colleton County	Sep. 5, 2014	Initial Federal: \$14,448,000 Initial Non-Federal: \$7,780,000 Initial Total: \$22,228,000 Renourishment Federal: \$17,491,000 Renourishment Non-Federal: \$17,491,000 Renourishment Total: \$34,982,000
2. FL	Flagler County	Dec. 23, 2014	Initial Federal: \$9,561,000 Initial Non-Federal: \$5,149,000 Initial Total: \$14,710,000 Renourishment Federal: \$15,814,000 Renourishment Non-Federal: \$15,815,000 Renourishment Total: 31,629,000
3. NC	Carteret County	Dec. 23, 2014	Initial Federal: \$25,468,000 Initial Non-Federal: \$13,714,000 Initial Total: \$39,182,000 Renourishment Federal: \$120,428,000 Renourishment Non-Federal:

			\$120,429,000 Renourishment Total: \$240,857,000
4. NJ	Hereford Inlet to Cape May Inlet, Cape May County	Jan. 23, 2015	Initial Federal: \$14,823,000 Initial Non-Federal:\$7,981,000 Initial Total: \$22,804,000 Renourishment Federal: \$43,501,000 Renourishment Non-Federal: \$43,501,000 Renourishment Total: \$87,002,000
5. LA	West Shore Lake Pontchartrain	Jun. 12, 2015	Federal: \$483,496,650 Non-Federal:\$260,344,350 Total: \$743,841,000
6. CA	San Diego County	Apr. 26, 2016	Initial Federal: \$20,953,000 Initial Non-Federal: \$11,282,000 Initial Total: \$32,235,000 Renourishment Federal: \$70,785,000 Renourishment Non-Federal: \$70,785,000 Renourishment Total: \$141,570,000.

(4) ECOSYSTEM RESTORATION.—

A. State	B. Name	C.Date of Report of Chief of Engineers	D. Estimated Costs
1. FL	Central Everglades	Dec. 23, 2014	Federal: \$993,131,000 Non-Federal: \$991,544,000 Total: \$1,984,675,000
2. WA	Skokomish River	Dec. 14, 2015	Federal: \$13,168,000 Non-Federal: \$7,091,000 Total: \$20,259,000
3. WA	Puget Sound	Sep. 16, 2016	Federal: \$300,009,000 Non-Federal: \$161,543,000

			Total: \$461,552,000.
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(5) FLOOD RISK MANAGEMENT AND ECOSYSTEM RESTORATION.—

A. State	B. Name	C.Date of Report of Chief of Engineers	D. Estimated Costs
1. IL, WI	Upper Des Plaines River and Tributaries	Jun. 8, 2015	Federal: \$204,860,000 Non-Federal: \$110,642,000 Total: \$315,502,000.

(6) FLOOD RISK MANAGEMENT, ECOSYSTEM RESTORATION, AND RECREATION.—

A. State	B. Name	C.Date of Report of Chief of Engineers	D. Estimated Costs
1. CA	South San Francisco Bay Shoreline	Dec. 18, 2015	Federal: \$70,511,000 Non-Federal: \$106,689,000 Total: \$177,200,000

(7) ECOSYSTEM RESTORATION AND RECREATION.

A. State	B. Name	C.Date of Report of Chief of Engineers	D. Estimated Costs
1. OR	Willamette River	Dec. 14, 2015	Federal: \$19,531,000 Non-Federal: \$10,845,000 Total: \$30,376,000
2. CA	Los Angeles River	Dec. 18, 2015	Federal: \$373,413,500 Non-Federal: \$1,046,893,500 Total: \$1,420,307,000.

(8) HURRICANE & STORM DAMAGE RISK REDUCTION & ECOSYSTEM RESTORATION.—

A. State	B. Name	C.Date of Report of Chief of Engineers	D. Estimated Costs
1. LA	Southwest Coastal	Jul. 29, 2016	Federal: \$2,054,386,100 Non-

	Louisiana		Federal: \$1,106,207,900 Total: \$3,160,594,000.
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(9) MODIFICATIONS AND OTHER PROJECTS.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. TX	Upper Trinity River	May 21, 2008	Federal: \$526,500,000 Non-Federal: \$283,500,000 Total: \$810,000,000
2. KS, MO	Turkey Creek Basin	May 13, 2016	Federal: \$101,491,650 Non-Federal: \$54,649,350 Total: \$156,141,000
3. KY	Ohio River Shoreline	May 13, 2016	Federal: \$20,309,900 Non-Federal: \$10,936,100 Total: \$31,246,000
4. MO	Blue River Basin	May 13, 2016	Federal: \$36,326,250 Non-Federal: \$12,108,750 Total: \$48,435,000
5. FL	Picayune Strand	Jul. 15, 2016	Federal: \$313,166,000 Non-Federal: \$313,166,000 Total: \$626,332,000
6. MO	Swope Park Industrial Area, Blue River	Jul. 15, 2016	Federal: \$21,033,350 Non-Federal: \$11,325,650 Total: \$32,359,000
7. AZ	Rio de Flag, Flagstaff	Sep. 21, 2016	Federal: \$66,844,900 Non-Federal: \$36,039,100 Total: \$102,884,000
8. TX	Houston Ship Channel	Nov. 4, 2016	Federal: \$381,773,000 Non-Federal: \$127,425,000 Total: \$509,198,000.