

EPA Special Studies Funded, \$293K, FY15

- **Sponge Community Restoration, \$200,000 (FY15)**
- **Florida Keys Water Watch, \$13,645 (FY15)**
- **Monroe County Canal Improvement (Alt. technologies, sources of funding), \$73,909 (FY15)**
- **Effectiveness of Sponge Restoration and Importance of Biodiversity for Restoring Ecosystem Services, \$73,000 (FY14)**
- **Florida Keys Watch and Canal Master Plan Education - Monroe County, \$75,000 (FY14)**
- **Effects of Mosquito Control Pesticides and Pesticides on Non-Target Organisms (coral/lobster), \$125,000 (FY14), (FY12)**
- **Canal Management Master Plan Database, Phase II – Monroe County, \$110,000 (FY12)**
- **Everglades Mapping and Environmental Project (Everglades Project) \$500,000 (FY12, FY13)**
- **South Florida TMDL Development (funding provided)**
- **Southeast Florida Coral Reef Initiative (SEFCRI) (funding provided)**

Public Law 101-605 of the Florida Keys National Marine Sanctuary and Protection Act of 1990 (amended 1992)

(2) The program required by paragraph (1) shall, under applicable Federal and State laws, provide for measures to achieve the purposes described under paragraph (1), including—

- (A) adoption or revision, under applicable Federal and State laws, by the State and the Administrator of applicable **water quality standards for the Sanctuary**, based on water quality criteria which may utilize biological monitoring or assessment methods, to assure **protection and restoration of the water quality, coral reefs, and other living marine resources of the Sanctuary**;
- (B) adoption under applicable Federal and State laws of **enforceable pollution control measures** (including water quality-based effluent limitations and best management practices) and methods to eliminate or reduce pollution from point and nonpoint sources;
- (C) establishment of a **comprehensive water quality monitoring program** to (i) **determine the sources** of pollution causing or contributing to existing or anticipated pollution problems in the Sanctuary, (ii) **evaluate the effectiveness** of efforts to reduce or eliminate those sources of pollution, and (iii) **evaluate progress toward achieving and maintaining water quality standards and toward protecting and restoring the coral reefs and other living marine resources of the Sanctuary**;
- (D) provision of adequate **opportunity for public participation** in all aspects of developing and implementing the program; and
- (E) **identification of funding for implementation of the program**, including appropriate Federal and State cost sharing arrangements.

Geographic Programs.—The bill provides \$432,493,000 for Geographic Programs, an increase of \$4,756,000 above the fiscal year 2015 enacted level. **Senate Bill:** S.1645 (funding chart can be found in Senate Report 114-70) <https://www.congress.gov/114/crpt/srpt70/CRPT-114srpt70.pdf> Printed on June 23, 2015 (Full Committee approval: 6/16/15) Recommended \$1,340,000 for South FL (pages 52 and 120 of report)

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2015 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 2016—Continued
[In thousands of dollars]

| Item | 2015 appropriation | Budget estimate | Chairman's recommendation | Chairman's recommendation compared with (+ or -) | |
|---|--------------------|-----------------|---------------------------|--|-----------------|
| | | | | 2015 appropriation | Budget estimate |
| Clean air and climate | 273,108 | 336,907 | 248,590 | - 24,518 | - 88,317 |
| (Climate protection program) | (95,436) | (109,625) | (85,892) | (- 9,544) | (- 23,733) |
| Compliance | 101,665 | 122,424 | 101,665 | ..... | - 20,759 |
| Enforcement | 240,637 | 269,256 | 233,178 | - 7,459 | - 36,078 |
| (Environmental justice) | (6,737) | (13,971) | (6,636) | (- 101) | (- 7,335) |
| Environmental protection: National priorities | 12,700 | ..... | 15,000 | + 2,300 | + 15,000 |
| Geographic programs: | | | | | |
| Great Lakes Restoration Initiative | 300,000 | 250,000 | 300,000 | ..... | + 50,000 |
| Chesapeake Bay | 73,000 | 70,000 | 73,000 | ..... | + 3,000 |
| San Francisco Bay | 4,819 | 3,988 | 4,819 | ..... | + 831 |
| Puget Sound | 28,000 | 29,998 | 29,998 | + 1,998 | ..... |
| Long Island Sound | 3,940 | 2,893 | 3,940 | ..... | + 1,047 |
| Gulf of Mexico | 4,482 | 3,908 | 8,110 | + 3,628 | + 4,202 |
| South Florida | 1,704 | 1,340 | 1,340 | - 364 | ..... |
| Lake Champlain | 4,399 | 1,399 | 4,399 | ..... | + 3,000 |
| Lake Pontchartrain | 948 | 948 | 948 | ..... | ..... |
| Southern New England estuaries | 5,000 | 5,000 | 5,000 | ..... | ..... |
| Other geographic activities | 1,445 | 939 | 939 | - 506 | ..... |
| Subtotal | 427,737 | 370,413 | 432,493 | + 4,756 | + 62,080 |
| Homeland security | 10,195 | 10,274 | 9,738 | - 457 | - 536 |
| Indoor air and radiation | 27,637 | 30,277 | 28,255 | + 618 | - 2,022 |
| Information exchange/Outreach | 126,538 | 155,678 | 121,004 | - 5,534 | - 34,674 |
| (Children and other sensitive populations: Agency coordination) | (6,548) | (8,035) | (7,088) | (+ 540) | (- 947) |
| (Environmental education) | (8,702) | (10,969) | (4,351) | (- 4,351) | (- 6,618) |
| International programs | 15,400 | 16,561 | 16,373 | + 973 | - 188 |
| IT/data management/security | 90,536 | 103,061 | 90,536 | ..... | - 12,525 |

FY16 Proposed Funding for Geographic Programs —The bill provides \$432,493,000 for Geographic Programs, an increase of \$4,756,000 above the fiscal year 2015 enacted level. (Funding levels for the specific geographic programs are as follows)

| Geographic Program (in thousands) | FY15 | FY16 (proposed) | Change in funding |
|-----------------------------------|----------------------|----------------------|-------------------|
| | | | |
| Great Lakes | 300,000 | 300,000 | No change |
| Chesapeake Bay | 73,000 | 73,000 | No change |
| Puget Sound | 28,000 | 29,998 | + 1,989 |
| Southern New England Estuaries | 5,000 | 5,000 | No change |
| San Francisco Bay | 4,819 | 4,819 | No change |
| Gulf of Mexico | 4,482 | 8,110 | + 3,628 |
| Lake Champlain | 4,399 | 4,399 | No change |
| Long Island Sound | 3,940 | 3,940 | No change |
| South Florida | 1,704 | 1,340 | - 364 |
| Other geographic activities | 1,445 | 939 | - 506 |
| Lake Pontchartrain | 948 | 948 | No change |
| Total | \$427,737,000 | \$432,493,000 | |

EPA South Florida Funding Update, 9/30/15

| South Florida Funding (in thousands) | FY10 >\$1,500M | F11 \$1,150 M | FY12 \$1,540 M | FY13 \$1,670 M | FY14 \$1,360 M | FY15 \$1,420 M | FY16 Budget \$1,148 M CR \$1,420 M <small>(CR, continuing resolution)</small> |
|---|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|---|
| Total (with salaries/rent) | >\$2,000M | \$1,650 M | \$2,060 M | \$1,950 M | \$1,704 M | \$1,704 M | Budget \$1,340 M CR \$1,704 M |
| FTEs | \$500 | \$500 | \$517 | \$279 | \$248 | \$184 | \$192 |
| WQ Monitoring (FIU) | \$530 | \$350 | \$350 | \$350, | \$425 | \$415 | \$350 |
| Coral Monitoring (FWRI) | \$380 | \$250 | \$250 | \$250 | \$310, | \$270 | \$250 |
| Seagrass Monitoring (FIU) | \$280 | \$190 | \$190 | \$190 | \$215 | \$200 | \$190 |
| Data Management (FWRI) | \$64 | \$45 | \$45 | \$45 | \$60 | \$45 | \$45 |
| Special Studies | > \$250 | \$0 | \$200 | \$300 | \$196 | \$293 | Budget \$0 CR (RFP likely) |
| Waterways IAG w/NPS | 0 | 0 | 0 | \$20 | 0 | \$5 | 0 |

(C) The Administrator of the EPA and the Administrator of the NOAA shall cooperate with the FDEP to establish a TAC to advise the Steering Committee and to **assist in the design and prioritization of programs for scientific research and monitoring.**

The TAC shall be composed of scientists from federal agencies, State agencies, academic institutions, private non-profit organizations, and knowledgeable citizens. (Public Law 101-605)

Roles and Responsibilities of the TAC

- Provide scientific and technical support to the WQPP Steering Committee
- Develop strategies to maintain, protect and improve water quality in the Keys
- Evaluate technical reports and scientific research
- Supporting long-term water quality, seagrass and coral monitoring programs
- Prioritizing special studies and research needs
- Provide assistance to the FKNMS Sanctuary Advisory Committee
- Other?

Technical Advisory Committee Volunteers

- Dr. Jerry Ault – University of Miami
- Dr. Henry Briceno – SERC, Florida International University
- Dr. Tracy Ziegler – Everglades and Dry Tortugas National Park (maybe)
- John Hunt – Florida and Wildlife Research Institute
- Dr. Kim Ritchie – Mote Marine Laboratory
- Gus Rios – Florida Department of Environmental Protection (maybe)
- Mark Chiappone – Miami-Dade Community College
- Rob Ruzicka – Florida and Wildlife Research Institute
- Dr. Jim Fourqurean – Florida International University
- George Garrett – Planning Director, City of Marathon
- Dave Rudnick – Science Coordinator, ENP (maybe)
- Sandy Tucker – Citizen
- Susan Sprunt – Environmental Resources Manager, Islamorada
- Dr. Jim Bohnsack – NOAA/NMFS
- Chris Bergh – Florida Keys Program Director, TNC
- Eugene Shinn – USF
- Dr. Rene M. Price – SERC, Florida International University
- Dr. Mark J. Butler IV, Old Dominion University
- Dr. Mike Wightman, Geologist (maybe)
- Shelly Krueger, Monroe County Extension and the Florida Sea Grant agent
- Martin Moe – Marine Biologist, retired