

FY 2019-20

Division Overview: Water Resource Management



EXECUTIVE SUMMARY

The Division of Water Resource Management (division) is responsible for implementing state laws providing for the protection of the quality of Florida's drinking water, ground water, rivers, lakes, estuaries, and wetlands; reclamation of mined lands; and the preservation of the State's beach and dune systems. The division is the central point of contact for Florida's federally delegated water programs such as National Pollutant Discharge Elimination Systems (NPDES), Drinking Water, and Underground Injection Control (UIC).

The division consists of sixteen programs overseen by the Division Director, two Deputy Division Directors, a Manager of Executive Services, and a Support Services Director. These programs perform water facilities regulation, beach permitting and management, and operational support services and functions. Two additional programs within the division (Mining and Reclamation and Oil and Gas) report directly to the Deputy Secretary for Regulatory Programs. Most division staff are located in Tallahassee; however, the Mining & Reclamation and Oil & Gas programs have staff operating in satellite offices throughout the state.

The division's funding comes from seven trust funds: Federal Grants, Land Acquisition, Minerals, Non-mandatory Land Reclamation, Florida Permit Fee, and Water Quality Assurance. The division also receives federal funding from the U.S. Environmental Protection Agency (EPA) through the following grants: 106 Water Pollution Control, State Public Water System, and State Underground Water Source Protection. Revenue from the Permit Fee Trust Fund and the Water Quality Assurance Trust Fund are derived from various sources such as NPDES Stormwater permits, Wastewater permits, Drinking Water fees, Beach Construction permits, and Operator Certification fees.

The division continues to work toward safeguarding Florida's water resources and enhancing natural systems through partnering with local communities and providing a more certain, consistent, and effective regulatory process.

DEP's MISSION, VISION, AND VALUES

Mission

The Florida Department of Environmental Protection protects, conserves, and manages the state's natural resources and enforces its environmental laws.

Vision

To advance Florida's position as a world leader in protecting natural resources while growing the state's economy.

Values

- **Leadership.** *Serve as an example of how to protect natural resources and economic vitality while adhering to the integrity of our shared vision.*
- **Integrity.** *Operate ethically, honorably, and respectfully.*
- **Accountability.** *Accept personal ownership for our actions and responsibilities.*
- **Communication.** *Operate transparently, sharing information frequently and honestly.*
- **Innovation.** *Seek innovative ways to improve operations and scientific achievements.*
- **Service.** *Serve Florida, its environment, the public, stakeholders, and each other.*

DEP STRATEGIC GOALS & OBJECTIVES

COASTAL RESILIENCY

Strategic Goal #1: Florida has the most advanced coastal resiliency program in the nation.

- Our communities are prepared for sea level rise.
- We have the most advanced coral management system.
- Our beaches flourish, they protect local communities and allow the public to experience the most iconic beaches in the world.

Objective 1.1
Addressing threats to coral reefs.

Objective 1.2
Protecting Florida's interests in offshore oil and gas production.

Objective 1.3
Assisting communities in mitigating the risks of sea level rise.

Objective 1.4
Protect Florida's beaches.

EVERGLADES RESTORATION

Strategic Goal #2: Florida has the largest and most successful restoration program on the planet to restore America's Everglades and its estuaries.

Objective 2.1
Continue water quality improvements within the Everglades protection area.

Objective 2.2
Increase clean freshwater deliveries to the Everglades protection area.

PRIZED PROPERTIES

Strategic Goal #3: Florida is received as a national leader for conservation stewardship through strategic acquisitions and recreational networks.

Objective 3.1
Manage aquatic preserves.

Objective 3.2
Spend appropriated funding for the acquisition of conservation properties and secure stakeholder support.

Objective 3.3
Improve state conservation efforts by improving compliance within land management plans.

Objective 3.4
Dispose of land identified for surplus while getting the best value for the taxpayer.

Objective 3.5
Long-term parcel-based resource management plans and infrastructure repair/replacement plans will guide budget decisions.

Objective 3.6
Volunteers and partner organizations are valued and augment workforce.

Objective 3.7
Value, in response to state park investments by taxpayers, users, and donors in state parks, is compelling and leads to annual budget growth.

Objective 3.8
DEP/DRP will plan, promote and provide outdoor recreational opportunities through network of trails/access and information.

Objective 3.9
Staff and volunteers will deliver ongoing interpretive programs about state parks and Florida natural and cultural resources.

WATER SUSTAINABILITY

Strategic Goal #4: Florida has the most advanced water protection programs in the nation.

Quality:

- Florida is the best at preventing pollution from entering waters.
- Florida has the best tools to restore impacted waterways.

Quantity:

- Florida has the best tools to ensure future water supply needs to sustain our communities and ecosystems.

Objective 4.1
Decrease nutrient loading from residential and community operations.

Objective 4.2
Decrease nutrient loading from agricultural operations.

Objective 4.3
Restore impacted waterways.

ONE DEP

Strategic Goal #5: Ensure solutions, resources and ideas are shared to advance the mission of the DEP to protect, conserve and manage Florida's natural resources.

- Commitment to communities.
- Advance the services, tools and resources enabling employees to promote the DEP mission.

Objective 5.1
Advancing community and stakeholder partnerships.

Objective 5.2
Increase outreach and education.

Objective 5.3
Provide superior customer service.

Objective 5.4
Establishing enterprise systems and performance measures.

Objective 5.5
Investing in employee growth and development.

Objective 5.6
Increased recognition for employee achievement.

Objective 5.7
Increasing employee engagement through internal communications focused on strategic priorities.

ENVIRONMENTAL IMPACTS

Strategic Goal #6: Managing environmental impacts.

Objective 6.1
Meeting environmental standards.

CLIENT SERVICES

DWRM has three client segments which must be responsibly balanced:

The Citizens and Visitors of Florida

These clients expect that the division will reasonably, respectfully, and responsibly implement Florida's applicable laws and regulations. Services provided on behalf of these clients include:

- Adopting rules and issuing permits that meet the state and federal requirements
- Ensuring compliance of regulated facilities
- Responding to public concerns related to regulated and non-regulated facilities
- Providing opportunities for the public to share its thoughts and concerns

The Regulated Community

These clients expect that the Division will provide regulatory certainty and consistency. Services provided on behalf of these clients include:

- Adopting rules and issuing effective, defensible, and legally sound permits in a timely manner
- Ensuring regulatory certainty and consistency
- Providing opportunities for the regulated community to share its thoughts and concerns
- Adopting and implementing a reasonable regional coastal monitoring plan
- Providing technical support and training

The Department

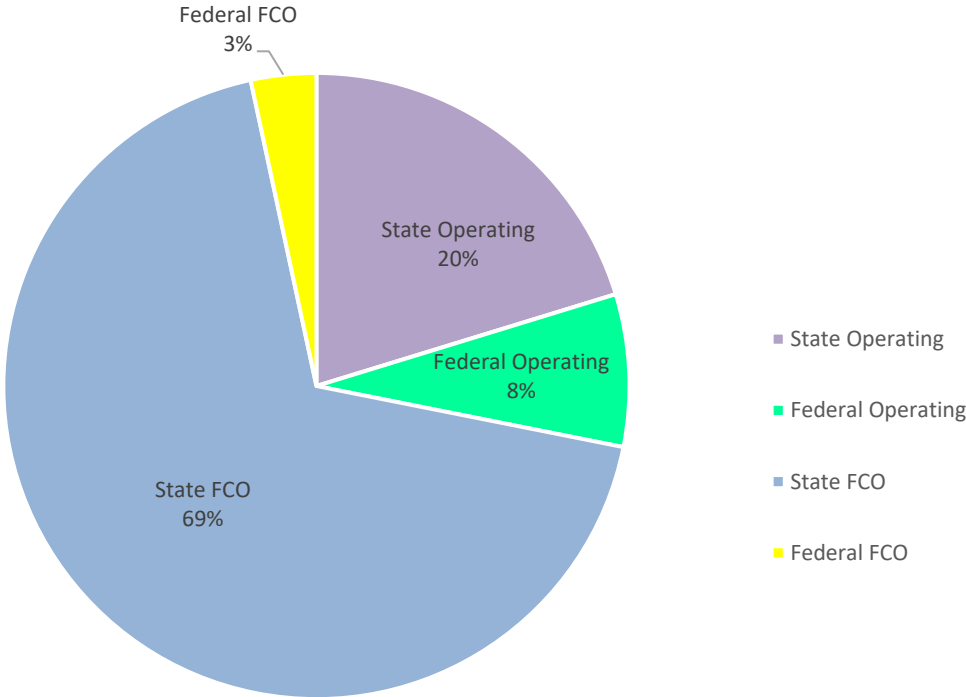
Serving management and Regulatory District needs, including:

- Ensuring and enhancing statewide consistency in permitting and compliance activities
- Providing guidance and technical assistance on permitting, compliance/enforcement, inspections, and outreach
- Managing the e-Portal for Registrations Access

The Division has regulatory oversight of certain functions of various types of water facilities throughout the state. These include but are not limited to industrial wastewater facilities, power plants, wastewater utilities, municipal separate storm sewer systems (MS4s), public drinking water systems, and certain injection wells. The Division regulates certain beach construction and beach/inlet/port management activities. In addition, the Division regulates the environmental resource permitting of mines and mitigation banks. The Division also regulates activities related to exploration, drilling and production of oil and gas in Florida. Through fulfilling its regulatory responsibilities, the Division continues to work toward safeguarding Florida's water resources and natural environment, and providing a more certain, consistent, and effective regulatory process for our customers. The general public including permittees can [view permits and related documents](#) as well as [complete certain permit applications and pay some fees](#) online.

DIVISION BUDGET OVERVIEW

FY 2019-20 Appropriated Budget – State vs. Federal

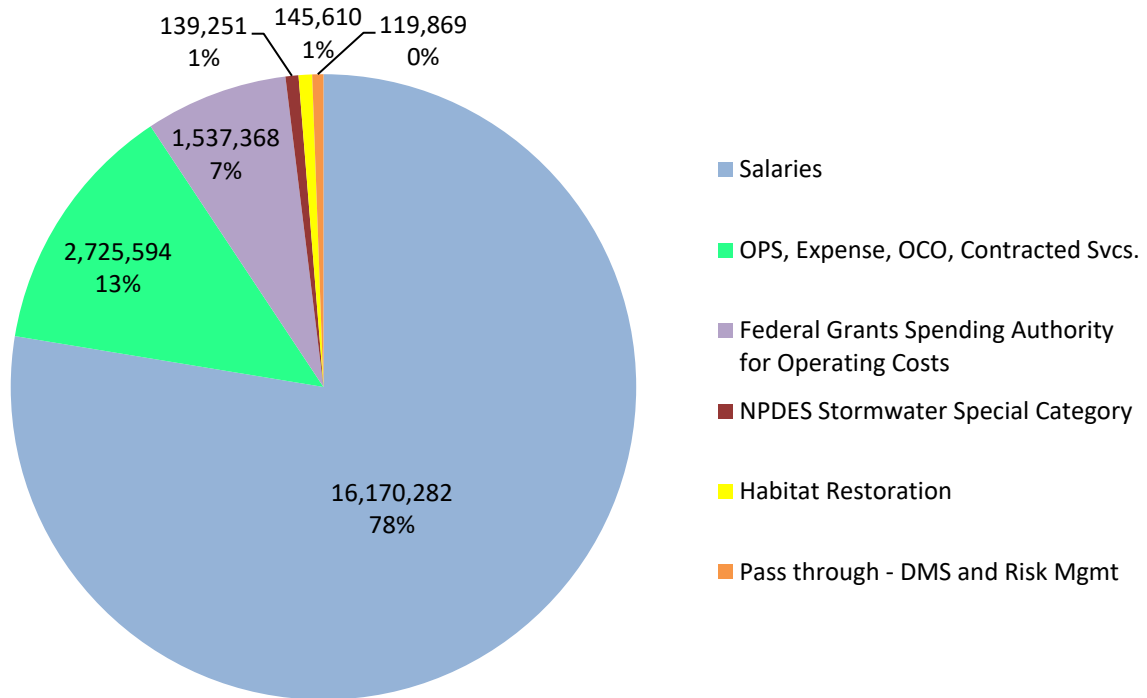


CATEGORY DESCRIPTION	AMOUNT
State Operating	15,010,831
Federal Operating	5,827,143
State Fixed Capital Outlay (FCO)	50,746,640
Federal Fixed Capital Outlay (FCO)	2,500,000
TOTAL APPROPRIATED BUDGET – STATE AND FEDERAL	74,084,614

This chart represents the division’s total appropriated budget, comparing State FCO, Federal FCO, State Operating, and Federal Operating categories for the current fiscal year.

BUDGET OVERVIEW cont.

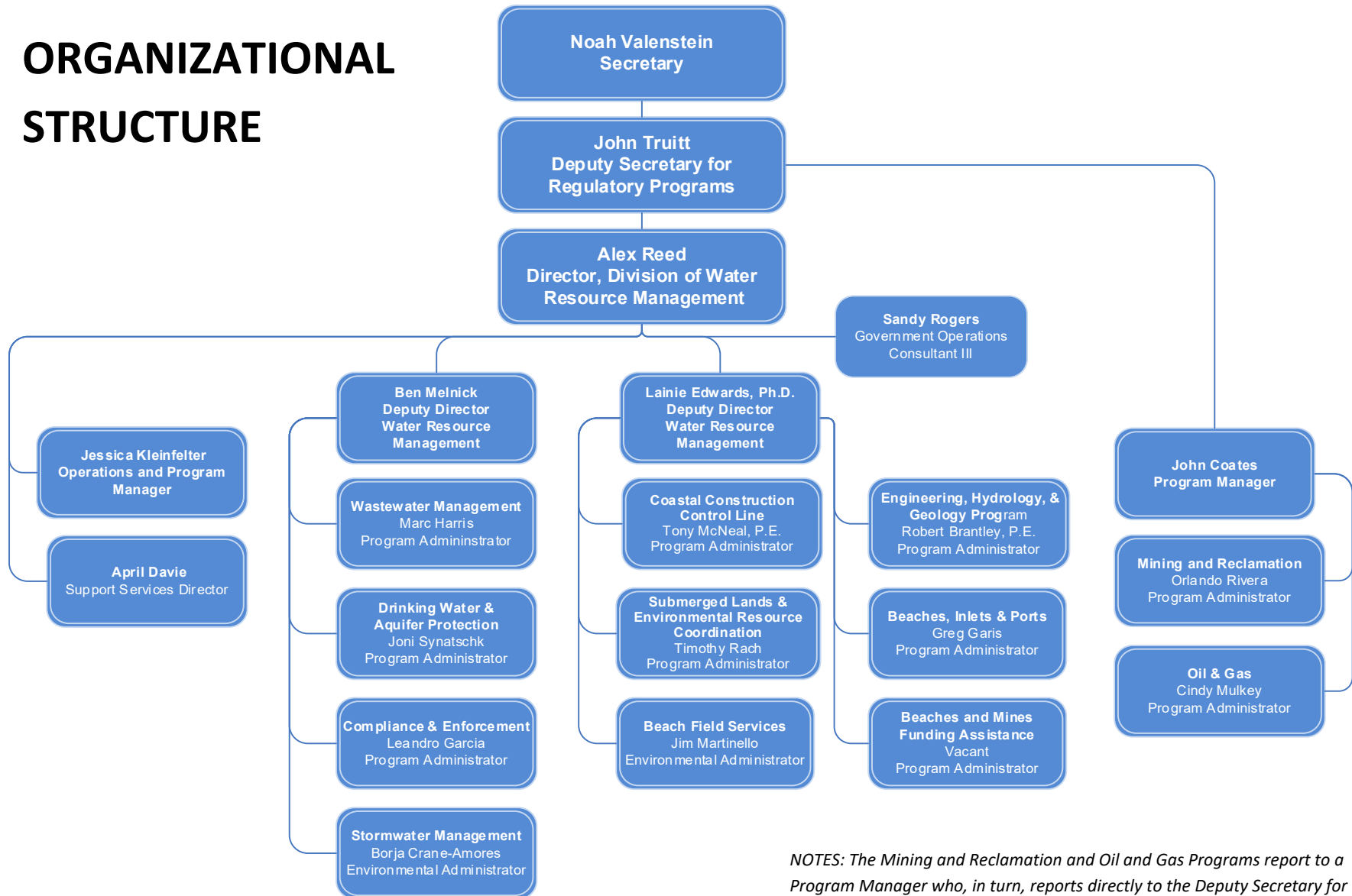
FY 2019-20 Appropriated Operating Budget by Category



CATEGORY DESCRIPTIONS	AMOUNT
Salaries	16,170,282
Expense, OPS, OCO, Contracted Svcs.	2,725,594
Federal Grants Spending Authority for Operating Costs	1,537,368
NPDES Stormwater Special Category	139,251
Habitat Restoration	145,610
Pass through - DMS and Risk Mgmt	119,869
TOTAL	20,837,974

This chart represents the division's appropriated operating budget by category for the current fiscal year. The chart does not include the \$2,500,000 appropriated for Federal Fixed Capital Outlay (FCO).

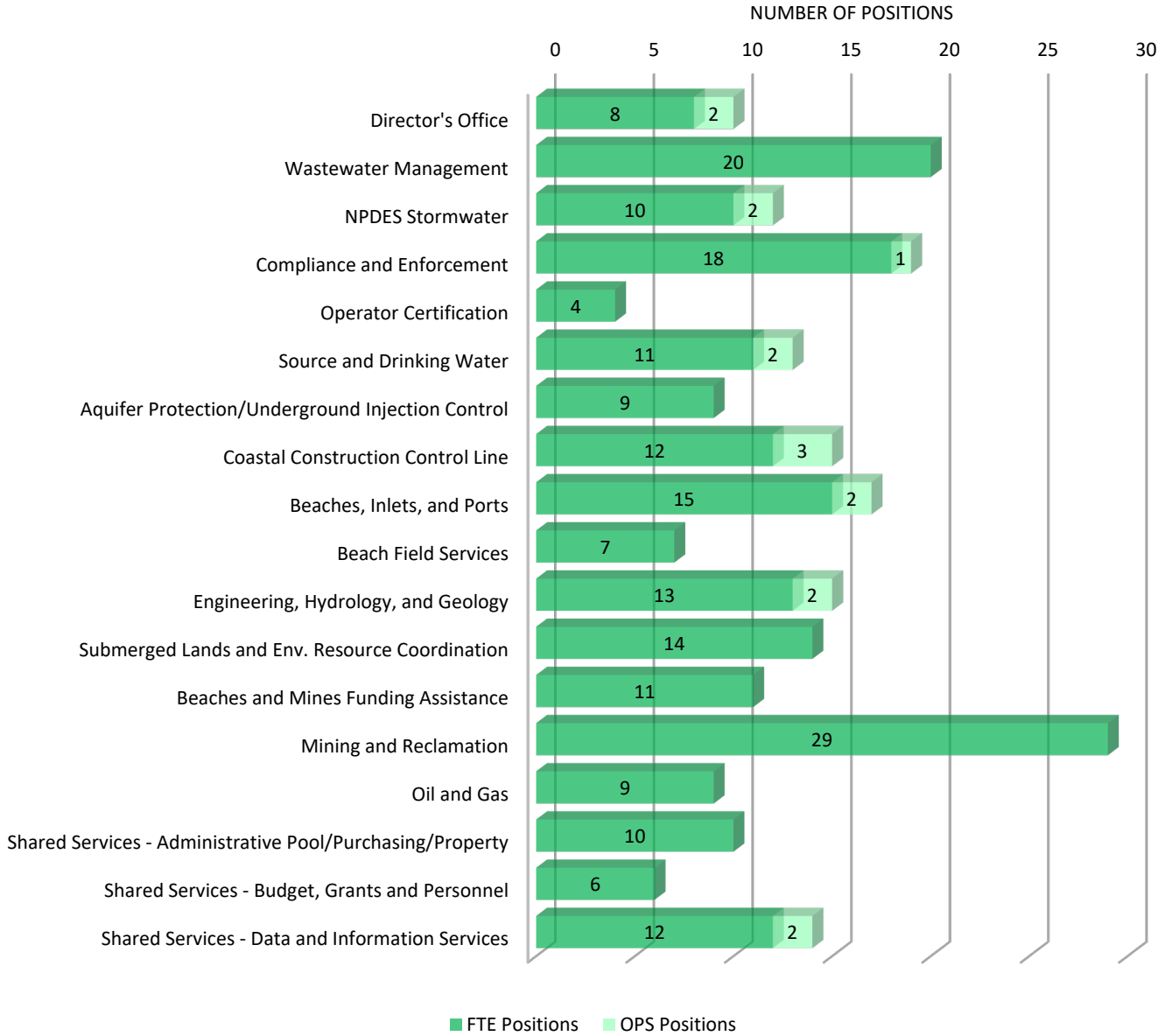
ORGANIZATIONAL STRUCTURE



NOTES: The Mining and Reclamation and Oil and Gas Programs report to a Program Manager who, in turn, reports directly to the Deputy Secretary for Regulatory Programs. These programs' budget, personnel, and performance data continue to be included in the Division of Water Resource Management's Business Plan for administrative purposes.

DIVISION STAFFING

DWRM POSITION SUMMARY



Total DWRM Employees:

218 FTE
16 OPS (filled)

ORGANIZATIONAL UNIT DESCRIPTIONS

WASTEWATER MANAGEMENT

- Work with wastewater utilities and citizens of Florida to help ensure proper treatment and reuse or disposal of domestic and industrial wastewater
- Implement the industrial pretreatment, biosolids management, and reuse of reclaimed water programs
- Coordinate implementation aspects of Surface Water Quality Standards and the NPDES Wastewater Program
- Coordinate on-site sewage treatment and disposal activities with the Florida Department of Health
- Promote consistency and provide guidance and training to our regulatory District offices and delegated local programs in the permitting of over 1,900 centralized domestic wastewater treatment facilities and the associated collection and transmission systems
- Issue NPDES permits for steam electric power plants; surface water discharges associated with pesticide application; phosphate mines and beneficiation plants; phosphate chemical plants; and phosphate terminal facilities
- Provide training, interpretation, and coordination with EPA's NPDES Program
- Perform rule development and ensure program consistency for domestic and industrial wastewater facilities and activities in Florida

NPDES STORMWATER

- Issue NPDES stormwater permits for activities such as MS4s; construction sites larger than one acre; industrial facilities associated with certain regulated activities; and no exposure exclusions associated with certain regulated industrial activities
- Provide stormwater permitting and compliance statewide under the federal Clean Water Act (CWA)
- Provide training, interpretation, and coordination with the EPA's NPDES Program
- Perform rule development and ensure program consistency for municipalities, facilities, and activities associated with stormwater discharges

DRINKING WATER AND AQUIFER PROTECTION

Source and Drinking Water

- Regulate public water systems in Florida (authority derives from Chapter 403, Part IV, Florida Statutes, and by delegation of the federal program from EPA)
- Implement the Federal and State Safe Drinking Water Acts
- Provide oversight of the Statewide Public Water System Supervision Program
- Provide compliance and enforcement guidance to the Districts and local county health department offices
- Coordinate with EPA's drinking water program and the Florida Department of Health
- Provide outreach, training, and technical assistance to the regulated community

Aquifer Protection and Underground Injection Control

- Regulate construction, operation, and permitting of injection wells under the Underground Injection Control (UIC) program, including wells associated with Aquifer Storage and Recovery (ASR)
- Issue permits for Class I and major Class V injection wells
- Process water quality criteria exemptions and variances for UIC
- Provide permitting and compliance oversight and consistency among the regulatory District offices
- Track and enter UIC well operation reports
- Coordinate with EPA and water management districts on UIC program issues
- Provide support for other Department programs that deal with UIC

Operator Certification

- Administer a professional licensure program for all water/wastewater treatment plant operators and water distribution system operators in Florida
- Manage the computer-based testing system for operator licensure, allowing for certification exams to be given at sites throughout Florida and results to be available to prospective operators on-site at the testing center
- Work with other federal, state, and local government agencies (e.g., the U.S. Department of Veterans Affairs, Florida's Department of Corrections, various county school boards) to increase pool of prospective operators

COMPLIANCE AND ENFORCEMENT

- Facilitate statewide coordination of compliance and enforcement activities relating to the state's Domestic Wastewater, Industrial Wastewater and NPDES Stormwater Programs
- Develop policy, guidance, and training materials to ensure consistency among the six district offices and delegated local programs
- Ensure state compliance with federally-required reporting associated with the Wastewater and NPDES Stormwater Programs
- Oversee activities to ensure compliance with NPDES Stormwater requirements and review stormwater Discharge Monitoring Reports (DMRs)
- Maintain the Department's Electronic Discharge Monitoring Report (EzDMR) System

BEACH FIELD SERVICES

- Maintain a geodetic control network used in shoreline monitoring and to legally describe the CCCL
- Perform coastal topographic surveys used to maintain a record of shoreline conditions and shoreline change rates
- Provide oversight of the Department's districts to ensure continuity of beach services across district boundaries, including CCCL field permitting, compliance/enforcement inspections, and post-storm emergency response activities

COASTAL CONSTRUCTION CONTROL LINE

- Process applications for construction seaward of the Coastal Construction Control Line (CCCL) and issue permits for authorized activities
- Consult with property owners, consultants, and local governments on proposed construction activities along the state's sandy beaches

BEACHES, INLETS & PORTS

- Review applications for Joint Coastal Permits (JCP) for beach restoration and nourishment projects, erosion control structures, ocean fishing piers, and inlet dredging and bypassing
- Review Environmental Resource Permit (ERP) applications for dredging of deepwater ports and coordinate/oversee these reviews within the regulatory districts
- Provide planning expertise and coordination on beach and inlet management
- Provide federal coordination, including coastal zone consistency reviews
- Administer special projects, assist with storm response, and provide resource data management and beach shoreline data QA/QC
- Provide coastal biological resource review and expertise on permitting and compliance for the division

ENGINEERING, HYDROLOGY & GEOLOGY

- Provide professional expertise to the regulatory division and district offices in the planning, design, permitting, and post-construction monitoring of beach and inlet management projects, mining and mine reclamation, storm water/surface water management activities, and ports expansion/dredging/marina development
- Assist in the development and implementation of beach management funding priorities, inlet and sediment management plans, and the strategic beach management
- Conduct dam safety inspections and evaluations, dam condition assessments, compilation of dam inventories, and emergency action planning for dams
- Provide technical training for department and water management district staff, applicant/owner outreach training, and facility operations assistance

SUBMERGED LANDS & ENVIRONMENTAL RESOURCE COORDINATION

- Ensure statewide consistency in the ERP and Sovereign Submerged Lands programs within the Department, Water Management Districts, and local delegated programs; ensure consistency in the delineation of surface waters and wetlands.
- Provide rulemaking, permitting guidance, training, compliance and enforcement guidance, expert witness testimony for program issues, and peer reviews
- Administer the ERP for Mitigation Banks including compliance and enforcement assistance for these permits
- Provide support to Office of Technology and Information Science (OTIS) in database enhancements and improvements specific for the program

BEACHES AND MINES FUNDING ASSISTANCE

- Provide and manage grants to local governments for the planning and implementation of beach and inlet management projects to protect upland structures and infrastructure, to provide critical habitat for threatened and endangered species, to provide recreational opportunities, and to support local economies through tourism
- Provide funding for reclamation of property mined for phosphate prior to the 1975 introduction of regulatory requirements for reclamation; reimburse landowners for reclamation work to improve environmental and economic utility of lands by removing safety hazards and improving water quality and quantity in affected watersheds

MINING & RECLAMATION

- Administer the laws and regulations related to environmental resource permitting of mines, wetland formal delineations, and reclamation of mined land
- Provide compliance and enforcement assistance for projects covered by the program
- Engage in management activities on formerly-mined state-owned lands and conservation easements overseen by the program

OIL & GAS

- Regulate activities related to exploration, drilling, and production of hydrocarbons in Florida
- Administer Florida's oil and gas laws to conserve the natural resources of oil and gas in Florida; prevent the waste of these resources; provide for the protection and adjustment of the correlative rights of owners and producers of oil and gas; and safeguard the health, property, and welfare of the public.

SHARED SERVICES

- Provide division-wide support for budget, administrative services, personnel and medical monitoring, database management and development, information services, records and data services, and geographic information system (GIS) needs

DIVISION OFFICE AND EXECUTIVE SERVICES

- Provide division-wide infrastructure through business and strategic planning, professional development coordination, legislative and communications, performance management, public record tracking and provision, and rulemaking initiatives

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Division of Water Resource Management

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