



WASTEWATER COMPLIANCE

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Environmental Specialist II
Southeast District Wastewater Compliance
Program

Focus on Change | Mar. 26, 2024



WASTEWATER COMPLIANCE PROGRAM CONTACTS

Staff	Role	Phone	Email
Bridjette Bucell	Environmental Manager	561-681-6619	Bridjette.Bucell@FloridaDEP.gov
M'Liss Bordelon	Environmental Administrator	305-289-7072	Whitney.Bordelon@FloridaDEP.gov
Lisa Self	Environmental Consultant	561-681-6699	Lisa.M.Self@FloridaDEP.gov
Gary Hardie	Inspector, Monroe	305-289-7074	Gary.Hardie@FloridaDEP.gov
Denise Watts	Inspector, Palm Beach	561-681-6701	Denise.Watts@FloridaDEP.gov
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Guy Capello	Inspector, Miami-Dade & Indian River	561-681-6734	Guy.Cappello@FloridaDEP.gov
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Egypt Cox	Inspector, Sanitary Sewer Overflows	561-681-6652	Egypt.Cox@FloridaDEP.gov
Anthony Coreas	Inspector, Grease Waste	561-681-6672	Anthony.Coreas@FloridaDEP.gov

SED.Wastewater@Floridadep.gov for Compliance-related items once a permit is issued

Main Phone Number: 561-681-6600



WASTEWATER PERMITTING PROGRAM CONTACTS

Staff	Role	Phone	Email
Norva Blandin	Program Administrator	561-681-6728	Norva.Blandin@FloridaDEP.gov
Iliana Jaimes	Environmental Manager	561-681-6616	Iliana.Jaimes@FloridaDEP.gov
Bahman Zangeneh	Engineering Specialist IV	561-681-6749	Bahman.Zangeneh@FloridaDEP.gov
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Cody Kurahara	Engineering Specialist II	561-681-6684	Cody.Kurahara@FloridaDEP.gov
David Maldonado	Engineering Specialist I	561-681-6665	David.Maldonado@FloridaDEP.gov

SED_Permitting@Floridadep.gov for permit applications, processing, or determinations

Main Phone Number: 561-681-6600



WHEN TO CONTACT US

- Ownership changes
 - Permit needs to be transferred to new Permittee; please visit: <https://floridadep.gov/water/domestic-wastewater/forms/application-transfer-wastewater-facility-or-activity-permit>.
- Sanitary Sewer Overflows aka Spills (at facility or in system)
 - Contact us with questions about notifications, response, and sampling.
- Other abnormal events or deviations from permit terms.
- Questions about permit requirements or rules.
- Pre- or Post-hurricane communication or WaterTracker questions.

Remember: If you have an emergency and are unable to reach your inspector, you can always call (561) 681-6600 and ask for Wastewater Compliance Program staff.



WHAT IS SB 64?

- Senate Bill 64, in Chapter 403.064, Florida Statutes.
- Requires elimination of most surface discharges by Jan. 1, 2032.
- Allowable discharges include:
 - Discharges related to indirect potable reuse projects.
 - Wet weather discharges provided in Department permits.
 - Reuse discharges to storm systems used for irrigation.
 - 10% of annual average daily flow **IF** 90% of flow is reused.
 - Discharges for beneficial purposes, such as rehydrating wetlands or public water supply benefits.
- Exemptions for:
 - Mobile home parks with less than 300,000 gpd.
 - Municipalities with less than \$10 million in total revenue.



SB 64, CONTINUED

- DEP's Southeast District has 18 facilities affected.
- The facilities had to submit a compliance plan by Nov. 1, 2021 – all 18 facilities submitted.
- If a plan was not approved within the 9 months, the Facility must stop all surface discharges by Jan. 1, 2028.
- Also promotes potable reuse and graywater technologies.



OCEAN OUTFALL LEGISLATION

Section 403.086, Florida Statutes

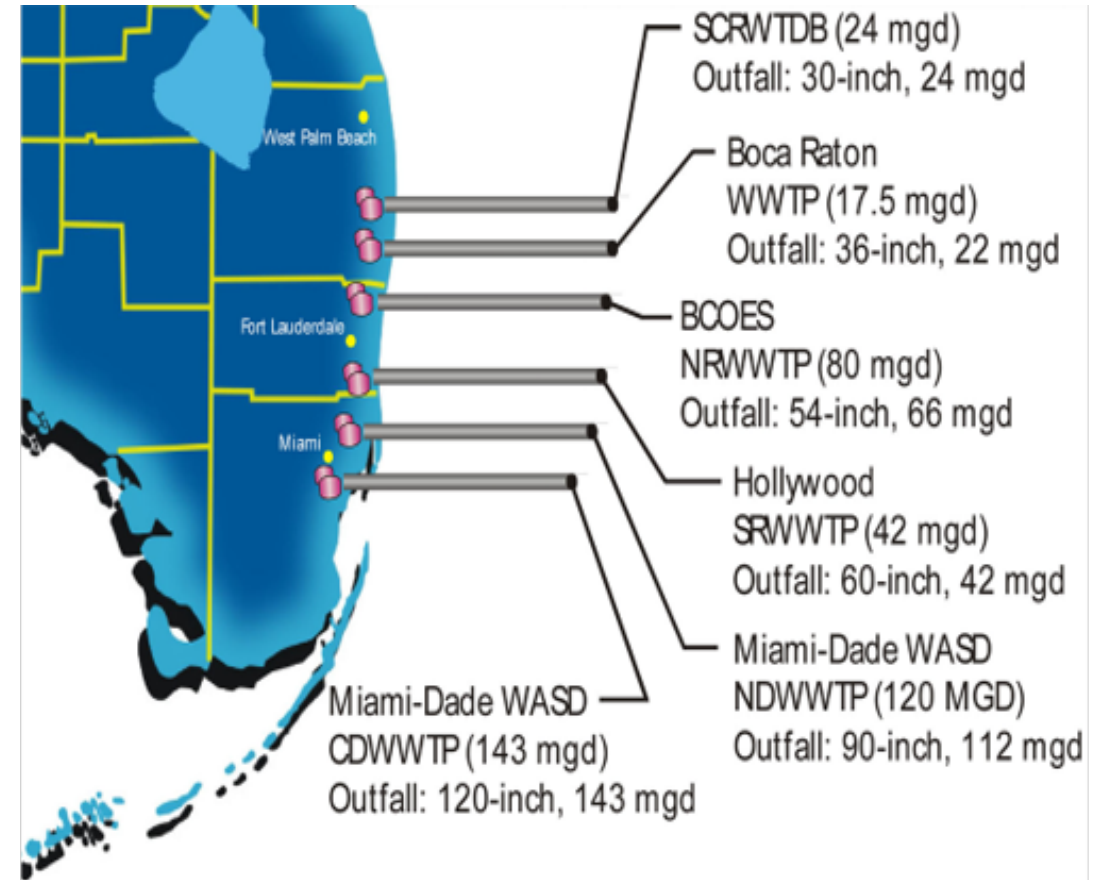
- In 2008, the Florida Legislature passed measures to drastically reduce the discharge of domestic wastewater and nutrient loading through ocean outfalls by December 31, 2025.
- Prohibits new domestic wastewater ocean outfalls & prohibits the expansion of existing domestic wastewater ocean outfalls since 7/1/2008.
- Prohibits domestic wastewater discharges via ocean outfall as of 12/31/2025, except where the outfall is backup discharge for a functioning reuse system that uses at least 60% of flow.
- Requires the reduction of Total Nitrogen (TN) & Total Phosphorus (TP) discharged to the ocean.
- Facilities may either:
 - Implement advanced wastewater treatment by 12/31/2018.
 - Have a fully operational reuse system that uses 100% of flow by 12/31/2018.
 - Reduce flow to the ocean and reduce TN & TP by 12/31/2025.



OCEAN OUTFALL LEGISLATION

DEP's Southeast District has 8 facilities affected.

Ocean Outfall	Treatment Facility	Permit Holder
Boynton/Delray Beach	South Central Regional Wastewater Treatment Plant (DEP Permit #FL0035980)	South Central Regional Wastewater Treatment and Disposal Board
Boca Raton	City of Boca Raton Wastewater Treatment Facility (DEP Permit #FL0026344)	City of Boca Raton
Broward	Broward County North Regional Wastewater Treatment Plant (DEP Permit #FL0031771)	Broward County Water and Wastewater Services
Hollywood	Hollywood Southern Regional Wastewater Treatment Facility (DEP Permit #FL0026255)	City of Hollywood
Hollywood	Cooper City Wastewater Treatment Plant (DEP Permit #FL0040398)	City of Cooper City
Hollywood	Town of Davie 76 th Avenue Wastewater Treatment Facility (DEP Permit #FL0040541)	Town of Davie
Miami North	MDWASD North District Wastewater Treatment Plant (DEP Permit #FL0032182)	MDWASD
Miami Central	MDWASD Central District Wastewater Treatment Plant (DEP Permit #FLA024805)	MDWASD





ELIMINATING DISCHARGES

DEADLINE – DEC. 31, 2025

The only discharges allowed after Dec. 31, 2025, include:

- Backup discharges for reuse systems during periods of reduced reclaimed water demands, such as periods of wet weather, or because of peak flows from other wastewater management systems (peak flow discharges limited to 5% of baseline flow, measured as a five-year rolling average).
- Industrial wastewater discharges.



INSPECTIONS

- *Before* the Inspection:
 - The inspector will contact the facility to arrange an inspection date and may request e-copies of records to be reviewed.
- *After* the Inspection:
 - Inspector will issue a letter with the inspection report:
 - In Compliance Letter
 - Compliance Assistance Offer (CAOL)
 - Warning Letter (WL)
 - If a CAOL or WL, it will have instructions and contact information.



BIOSOLIDS MONITORING

- Facilities are now required to monitor for water extractable phosphorus (WEP) using the "Universal Water Extractable P Test for Manure and Biosolids".
 - WEP measures solubility of P in biosolid
 - $WEP/TP = \text{Percent water extractable phosphorus (PWEP)}$
 - PWEP is needed to prepare new Nutrient Management Plans (NMP)
 - PWEP is used to determine if adjustments can be made to the P-based application rate based on crop nutrient demand.
- Issues with lab certifications for WEP monitoring
 - DEP recognizes that labs need time to get certified for the "new" method.
 - The WEP method involves a water extraction followed by inductively coupled plasmas (ICP) analysis of P; labs can get certification for ICP analysis of P.



QUALITY ASSURANCE REVIEWS

- The Department is implementing a formal Quality Assurance (QA) review process, under the QA Rule 62-160, F.A.C.
 - QA reviews will be included in a percentage of inspections.
 - Inspectors will request e-copies of documents for a specific date.
 - *DMR Parts A and B*
 - *DMR Part D – Groundwater*
 - *Lab Report*
 - *Field Sheets & Chain of Custody*
 - *Sampling Calibration & Verification Logs*
 - Inspectors will review the documents for QA requirements.
 - Blank copies of the checklists used in the reviews are available from District staff.
 - Inspectors will note QA results and any needed corrective actions in the inspection report.



DMR ISSUES

- **Who to contact:**
 - For EzDMR credentials – SED.EzDMRAdmin@dep.state.fl.us
 - For technical issues – ServiceDesk@dep.state.fl.us
 - For permit template questions – SED_Permitting@dep.state.fl.us
 - For submittals – SED.Wastewater@dep.state.fl.us



SPILL RESPONSE PLAN

- Referred to as SORPs, Emergency Response Plans, SPCCs, etc.
- Purpose is to minimize threat to public health and environment
 - Secure area, notify agencies and public
 - Minimize, contain, recover, repair, clean up
- Chapter 62-604, F.A.C., requires all collection systems to have emergency response plans & provisions, to include:
 - Physical security and cybersecurity.
 - Emergency pumping capability and backup power.
 - Updated O&M Manual with emergency response plan.
 - Water quality monitoring for affected water bodies (DEP looks for *E. coli* for fresh waters, *Enterococci* for salt waters; sample at point of entry (POE), upstream, & downstream).
 - Hurricane and severe storm preparedness and response.



RESOURCES

- For Quality Assurance (QA):
 - For the QA Rule and other information on QA, see <https://floridadep.gov/dear/quality-assurance>
 - DEP Standard Operating Procedures (“SOPs”) at <https://floridadep.gov/dear/quality-assurance/content/dep-sops>
 - Contact District office for copies of the QA checklists being used
- For emergency response plans:
 - EPA’s *Wastewater Utility Emergency Response Plan Template and Instructions* at <https://www.epa.gov/system/files/documents/2021-08/ww-erp-template-instructions.pdf>
 - FRWA’s *Sanitary Sewer Overflow Response Plan*, at <https://assets.noviams.com/novi-file-uploads/frwa/pdfs-and-documents/sanitaryseweroverflowfinalrevision010818.doc>



Thank You

Southeast District Wastewater
Compliance Program
SED.Wastewater@Floridadep.gov