



Chapters 62-600, 604, and 620, F.A.C. Public Workshop

**Division of Water Resource Management
March 19, 2021**



Agenda

- **Welcome and Introductions**
- **Background on Collection System Rulemaking and Senate Bill 712 (SB 712)**
- **Overview of Draft Amendments:**
 - **Chapter 62-604, Florida Administrative Code (F.A.C.)**
 - **Chapter 62-600, F.A.C.**
 - **Chapter 62-620, F.A.C.**
- **Public Comment**
- **Closing Remarks**



Collection Systems: SB 712

Legislative provisions:

- **Section 403.061(7), Florida Statutes (F.S.) – Added “The department shall adopt rules to reasonably limit, reduce, and eliminate domestic wastewater collection and transmission system pipe leakages and inflow and infiltration.”**
- **Section 403.061(14), F.S. – Added requirement for public utilities applying for a domestic wastewater discharge permit to file annual reports and other data on transactions and expenditures on pollution mitigation and prevention across the utility’s permitted systems including the prevention of sanitary sewer overflows, collection and transmission system pipe leakages, and inflow and infiltration (also requires the department to adopt rules to implement the requirement)**



Collection Systems: SB 712 – 2

- **Section 403.088(2)(c)3., F.S. – Permits shall require a deliberate, proactive approach to investigating a significant percentage of the collection system during the duration of the permit; the permittee shall submit an annual report detailing facility revenues and expenditures and details of any deviations of annual expenditures from identified system needs...**
- **Section 403.087(4), F.S. – Domestic wastewater treatment facility permits (non-NPDES) shall be issued for a term up to 10 years if the facility is meeting the stated goals in its action plan**



Collection Systems: SB 712 – 3

- **Section 403.086(2), F.S. – Added a requirement that all sewage disposal facilities provide a power outage contingency plan that mitigates the impacts of power outages on the utility’s collection system and pump stations**
- **Section 403.086(7), F.S. – Requires all sewage disposal facilities that control a collection system to take steps to prevent sanitary sewer overflows and leaks**
 - **Use inflow and infiltration studies/leakage surveys to develop a pipe assessment, repair, and replacement action plan (five-year planning horizon)**
 - **Action plans must be reported to the department and include annual expenditures (e.g., studies, repairs, replacements, limiting fats, roots, oils, grease, etc.)**
 - **Report may be combined with section 403.061(14), F.S. report**



Chapters Subject to Revision

- **Chapter 62-604, F.A.C., Collection Systems and Transmission Facilities**
 - Primarily regulates the construction of collection systems but the operation and maintenance section (Rule 62-604.500, F.A.C.) applies to all new and existing collection systems; revisions will be made in response to the Florida Clean Waterways Act
 - Other changes – rule reduction, updating, minor permitting, and placing a newly constructed collection system into operation
- **Chapter 62-600, F.A.C., Domestic Wastewater Facilities**
 - Creating new rule (Rule 62-600.710, F.A.C.) to address many items related to the Florida Clean Waterways Act
- **Chapter 62-620, F.A.C., Wastewater Permitting**
 - Revising the general condition (section 62-620.610(20), F.A.C.) for reporting non-compliance such as sanitary sewer overflows and spills



Summary of Key Rule Revisions

Chapter 62-604, F.A.C.

- **Deleting unnecessary/outdated language; revising rule forms**
- **Updating setbacks and vertical/horizontal separation distances for collection systems from drinking water wells and lines, reclaimed water lines**
- **Requiring emergency response plans to address cybersecurity, surface water monitoring, and hurricanes and be reviewed annually**
- **Requiring systems to be operated to minimize infiltration, inflow, and leakages (exfiltration); operated to prevent sanitary sewer overflows; requiring corrective actions**
- **Revising the request to place a new system into operation to a “notification” of completion of construction**



Summary of Key Rule Revisions – 2

Chapter 62-600, F.A.C.

- **Including requirement to maintain and operate the collection system to minimize infiltration, inflow, and leakages**
- **Creating Rule 62-600.710, F.A.C., to address most provisions of the Florida Clean Waterways Act**
 - **Power outage contingency plans**
 - **Annual financial report related to collection systems and prevention of sanitary sewer overflows**
 - **Requirements for a pipe repair, rehabilitation, and replacement action plans (“collection system action plan”); reports on the action plan**



Summary of Key Rule Revisions – 3

Chapter 62-620, F.A.C.

- **Revising Rule 62-620.610(20), F.A.C., which specifies reporting requirements for non-compliance including sanitary sewer overflows and spills**
 - **Updating State Watch Office language**
 - **Electronic reporting**
 - **Public Notice of Pollution**



Chapter 62-604, F.A.C.

Collection Systems and Transmission Facilities



Rule 62-604.100, F.A.C.

Scope, Intent, Purpose, and Applicability

- **Removing Scope, Intent, and Purpose provisions – these were previously identified in a rule review for rule reductions**
 - **Removing 62-604.100(1) – (3), (5) - (7), and (11)**
 - **Clarifying that the rule does not apply to the permitting, design, and construction of reclaimed water distribution lines**



Rule 62-604.130, F.A.C.

Prohibitions

No changes



Rule 62-604.200, F.A.C.

Definitions

- **Sections 62-604.200(8), (9), and (10), F.A.C. – Adding definitions for “infiltration,” “inflow,” and “leakage” (i.e. exfiltration)**
- **Section 62-604.200(15) and (16), F.A.C. – Adding definitions for “sanitary sewer overflow” and “satellite collection system”**
- **Deleting unnecessary definitions**



Rule 62-604.300, F.A.C.

General Technical Guidance, Related Rules, and Forms

- **Revising the technical guidance – no longer adopting and incorporating all the documents in the section**
- **Updating some of the guidance documents**
- **Updating the adoption language and information for the rule forms**
- **Section 62-604.300(8)(b), F.A.C. – Changing the name of the form to “Notification of Completion of Construction for a Domestic Wastewater Collection/Transmission System” from “Request for Approval to Place a Domestic Wastewater Collection/Transmission System into Operation”**



Rule 62-604.400, F.A.C.

Design/Performance Considerations

- **Section 62-604.400(1)(a), F.A.C. – Clarifying that collection systems shall be designed with sound engineering practices; removing reference to technical guidance documents**
- **Section 62-604.400(1)(b), F.A.C. – Adding a reference to Chapter 62-532, F.A.C., for setbacks to drinking water features**
- **Sections 62-604.400(2)(g) and (h), F.A.C. – Updating the provisions for vertical and horizontal separation distances for collection systems to drinking water lines and reclaimed water lines – referencing Chapter 62-555, F.A.C.**



Rule 62-604.500, F.A.C.

Operation and Maintenance

- **Section 62-604.500(2), F.A.C. – Clarifying that emergency pumping capabilities, etc., must be maintained for all existing pump stations**
- **Section 62-604.500(3), F.A.C. – Clarifying that the equipment to be maintained to function as intended includes all components of the collection system**
- **Sections 62-604.500(3)(b) and (c), F.A.C. – Requiring the emergency response plan to specifically address cybersecurity, surface water monitoring for spills, and hurricane/severe storm preparedness and response; requiring plan to be evaluated and updated annually**



Rule 62-604.500, F.A.C. – 2

Operation and Maintenance

- **Section 62-604.500(5), F.A.C. – Adding a new section to require collection systems to be maintained to minimize infiltration, inflow, and leakages (exfiltration)**
 - Requires corrective action when infiltration, inflow, and leakages are excessive
- **Section 62-604.500(6), F.A.C. – Adding a new section to require collection systems to be operated and maintained to prevent sanitary sewer overflows**
 - Requires evaluation of potential corrective action based on cause of the spill
 - Requires corrective action when overflows are caused by excessive infiltration and inflow, including by owners of satellite collection systems



Rule 62-604.550, F.A.C.

Abnormal Events

- **Section 62-604.550(2)(a), F.A.C. – Revising terminology to “State Watch Office” from “State Warning Point”**
- **Section 62-604.550(2)(b), F.A.C. – Clarifying data to be reported and requiring electronic submittal of the five-day follow-up report**
- **Section 62-604.550(2)(d), F.A.C. – Adding public notice of pollution requirements**



Rule 62-604.600, F.A.C.

Procedure to Obtain Construction Permits

- **Section 62-604.600(2)(a), F.A.C. – Requiring a permit for the replacement of a pump station with a pump station of the same capacity if the pump station being replaced does not meet the requirements of section 62-604.400(2), F.A.C., i.e., emergency pumping capability**
- **Section 62-604.600(2)(b), F.A.C. – Clarifying that an individual service connection from a single-family residence does not need a collection system permit**
- **Sections 62-604.600(6) and (7), F.A.C. – Revising reference language for the permit application form**



Rule 62-604.700, F.A.C.

Placing Collection/Transmission Systems into Operation

- **Section 62-604.700(2), F.A.C. – Changing form name to “Notification of Completion of Construction for a Domestic Wastewater Collection/Transmission System;” requiring electronic submittal; revising reference language**
- **Section 62-604.700(3), F.A.C. – Specifying that a new/modified collection system can be placed into operation three days after submittal of the completion of construction form if there were no substantial deviations and if the department does not notify the permittee of any concerns**
- **Section 62-604.700(4), F.A.C. – Specifying that a new/modified collection system can be placed into operation ten days after submittal of the completion of construction form if there were substantial deviations unless the department notifies the permittee of concerns**



Chapter 62-600, F.A.C.

Domestic Wastewater Facilities



Rule 62-600.200, F.A.C.

Definitions

- **Sections 62-600.200(31) and (32), F.A.C. – Adding the definitions of “infiltration” and “inflow”**
- **Section 62-600.200(34), F.A.C. – Adding the definition of “leakage” (i.e. exfiltration)**
- **Sections 62-600.200(59), (60), and (61), F.A.C. – Adding the definitions of “sanitary sewer lateral,” “sanitary sewer overflow,” and “satellite collection system”**



Rule 62-600.300, F.A.C.

General Technical Documents

- **Revising the technical guidance – no longer adopting and incorporating all the documents in the section**
- **Updating some of the guidance documents; deleting one that was incorporated into an updated document**
- **Adding guidance documents for evaluating and rehabilitating sewers**
- **Adding guidance documents for developing facility emergency response plans**



Rule 62-600.405, F.A.C.

Planning for Wastewater Facilities Expansion

- **Section 62-600.405(1), F.A.C. – Adding “collection” of wastewater to the items that must be timely planned, designed, and constructed**
- **Section 62-600.405(2), F.A.C. – Requiring that collection system flows be routinely reviewed as part of the pipe assessment, repair, and replacement action plan required in the new Rule 62-600.710, F.A.C.**



Rule 62-600.410, F.A.C.

Operation and Maintenance Requirements

- **Section 62-600.410(3), F.A.C. – Adding “collection” to the facilities and equipment necessary to be maintained to function as intended**
- **Section 62-600.410(6), F.A.C. – Adding new provision specifying that all collection/transmission systems owned or operated by the facility or utility shall be maintained to provide uninterrupted service and to minimize infiltration, inflow, and leakages in accordance with the revised Rule 62-604.500, F.A.C.**
- **Section 62-600.410(7), F.A.C. – Adding new provision to require facility emergency response plans including cybersecurity for facilities greater than 100,000 gallons per day (gpd)**



Rule 62-600.520, F.A.C.

Discharge to Surface Waters (Coastal and Open Ocean)

- **Section 62-600.520(6), F.A.C. – Adding new provision providing the language from section 403.086(9), F.S., that states that the discharge of domestic wastewater through ocean outfalls is prohibited after December 31, 2025, except as a backup discharge (for reuse systems and peak flows)**



Rule 62-600.700, F.A.C.

General

- **Section 62-600.700(4), F.A.C. – Adding new provision specifying public utilities or their affiliated companies to file annual reports and other data for costs/expenditures on pollution mitigation and prevention among the utility’s permitted systems, including prevention of sanitary sewer overflows, collection and transmission system pipe leakages, and inflow and infiltration; report may be combined with annual report required by new section 62-600.710(2)(b), F.A.C., and must be submitted electronically**



Rule 62-600.710, F.A.C.

Collection Systems - Facilities

The Florida Clean Waterways Act (SB 712) frames most of the collection system requirements to apply to a facility's collection systems

- **Section 62-600.710(1), F.A.C. – Adding new requirement for applicants applying for a wastewater facility permit to submit a power outage contingency plan that mitigates the impacts of power outage on the facility's collection system and pump stations (SB 712)**
- **Section 62-600.710(2), F.A.C. – Adding new requirement for facilities to act to prevent sanitary sewer overflows and pipe leaks**



Rule 62-600.710, F.A.C.

Collection Systems – Facilities

- **Section 62-600.710(2)(a), F.A.C. – Adding new requirement for facilities to develop pipe assessment, repair, and replacement action plans (collection system action plans) with a five-year planning horizon (SB 712)**
 - **Requires a deliberate, proactive approach for surveying the collection system in an economically feasible manner; at least 25% of the system should be investigated over the five-year planning horizon**
 - **Requires plan be based on inflow/infiltration studies, leakage surveys**
 - **Requires plan to also be based on any follow-up sanitary sewer evaluation surveys if inflow, infiltration, or leakage is excessive**
 - **Contact information for the plan**



Rule 62-600.710, F.A.C.

Collection Systems – Facilities – 2

- **Section 62-600.710(2)(a), F.A.C. (continued)**
 - **Adding the requirement for the plan to include a map and inventory of the system; facilities with permitted capacity of one million gallons per day or greater must have a Geographic Information Systems map and electronic inventory of the collection system**
 - **Includes details and information as practicable (size, length, type of pipe, tracking number, age, service life, flows, topography, water table, rainfall data, complaints, overflows, etc.) for each component of the collection system (pipe, manhole, pump stations, etc.)**
 - **Requiring a maintenance plan and protocols (repairs, cleaning, emergency repairs) as well as record keeping**
 - **Requiring plan to describe any measures for limiting fats, oils, grease, roots, wet wipes, as well as inflow and infiltration from service laterals**



Rule 62-600.710, F.A.C.

Collection Systems – Facilities – 3

- **Section 62-600.710(2)(a), F.A.C. (continued)**
 - **Requiring the plan to describe any measures to minimize infiltration and inflow from sanitary sewer laterals**
 - **Requiring the plan to identify all satellite collection systems (effective December 21, 2025) and to describe any measures to minimize infiltration and inflow from satellite collection systems**
 - **Requiring the plan to describe the resiliency of the collection system to sea-level rise**



Rule 62-600.710, F.A.C.

Collection Systems – Facilities – 4

- **Section 62-600.710(2)(b), F.A.C. – Requiring an annual report for the collection system action plan to be submitted electronically no later than June 30 that includes:**
 - **Summary of the assessments conducted during the year including percentages of the collection system investigated, methods of assessments and studies used, assessment results, and any estimates of the amounts of inflow, infiltration, leakages**
 - **Significant repairs, replacements, maintenance activities, expansions, and other upgrades conducted during the year and planned for the upcoming year**
 - **Any new satellite collection systems (effective December 21, 2025)**
 - **Information on annual expenditures on inflow, infiltration, leakage studies, pipe assessment, repair, and replacement; limiting fats, oils, grease, roots, wet wipes**
 - **Details of facility revenues and expenditures, including any deviation of annual expenditures from identified system needs**



Rule 62-600.710, F.A.C.

Collection Systems – Facilities – 5

- **Section 62-600.710(3), F.A.C. – Providing for facilities to propose alternatives providing the same level of protection to the provisions in 62-600.710(2), F.A.C.**
- **Section 62-600.710(4), F.A.C. – Stipulating that facilities meeting the stated goals of their collection system action plan shall be eligible for 10-year permits**
- **Section 62-600.710(5), F.A.C. – Stipulating that compliance with the collection system action plan will be used as evidence in mitigation for purposes of assessing penalties under department rules**
- **Section 62-600.710(6), F.A.C. – Requiring publicly-owned satellite collection systems with flows of 100,000 gpd or greater to have a collection system action plan**



Rule 62-600.720, F.A.C.

Operation and Maintenance Manual

- **Section 62-600.720(1)(c), F.A.C. – Requiring the power outage contingency plan required in section 62-600.710(1), F.A.C., to be part of the operation and maintenance manual**



Rule 62-600.730, F.A.C.

Operation and Maintenance Performance Report

- **Section 62-600.730(5), F.A.C. – Revising to state that the collection system and the collection system action plan shall be evaluated if treatment plant problems result from the operation of collection and transmission systems**



Chapter 62-620, F.A.C.

Wastewater Facility and Activities Permitting



Rule 62-620.610, F.A.C.

General Conditions for All Permits

- **Section 62-620.610(20), F.A.C. – Revising the requirements for reporting noncompliance such as sanitary sewer overflows and spills**
 - **Specifying information to be provided**
 - **Requiring the five-day follow-up written submission to be transmitted electronically using the department’s business portal**
 - **Updating from “State Warning Point” to “State Watch Office”**
 - **Adding public notice of pollution reporting requirements (section 403.077, F.S.)**



Public Comment

Written comments can also be:

- ***Emailed to: maurice.barker@floridadep.gov***
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