



South District Wastewater Update





Overview

- **Meet Your District Staff**
- **Quality Assurance (QA) Audits**
- **SSO Reporting Requirements**
- **DMRs**
- **Records & Reporting**
- **SSO Reporting**





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Quality Assurance Audits

- **QA Rule 62-160:**
 - The QA rule requires that standard field sampling and testing follow DEP SOPs. It requires labs to be certified by FDOH for the analyte/method combination.
- **The QA Audit consists of:**
 - **DMR Part A and Part B**
 - **Field Sheets and Chain of Custody**
 - **Groundwater DMR Part D**
 - **Lab Reports**
 - **Sampling Calibration and Verification Logs**
- **Audit Findings**
 - **Included in Inspection Report with compliance ratings**
 - **Used to identify corrective actions needed for compliance**

For more information, please visit www.floridadep.gov/dear/quality-assurance





QA Common Errors - DMR Part A & Part B

- **Percent (%) Capacity is miscalculated or reported incorrectly**
- **DMRs not submitted on time**
- **Plant staffing is not fully recorded**
- **Transcription errors**





QA Common Errors - Field Sheets and COC

- **Lots number(s) and expiration date(s) of preservative(s) are not documented**
- **Sample temperature is not recorded at time of receipt**
- **Facility sampled does not have the Permit ID information provided**
- **Container types are not documented for each analytical group collected**





QA Common Errors - DMR Part D

- **Exceedances/Missing data are not explained in the “Comments” field or in an attachment**
- **Preservation type and amount are not listed for samples taken**
- **Flow rate during sampling collection were not recorded or appropriate for analytes collected**
- **All columns are not complete for each parameter**





QA Common Errors - Lab Reports

- **Each sample is not associated with a client identification code**
- **Lab's DOH certification number is not provided**
- **A statement that the results relate only to the samples listed in the report is not provided**
- **Each sample and its condition is not clearly described and/or does not have a unique lab sample ID #**





QA Common Errors - Logs

- **Acceptable criteria for calibrations/verifications not properly documented**
- **Indication of whether calibrations/verifications passed is not included**
- **Value is not listed, or Unit of Standard not indicated**
- **Water quality probe unique identifiers are not documented**





SSO Reporting Requirements

- **SSOs must be reported in accordance with F.A.C. Rule 62-604.550 & 62-620.610**
- **SSOs < 1,000 gallons MUST be reported to the Department within 24 hours from the time the owner/operator becomes aware**
- **SSOs > 1,000 gallons MUST be reported to the State Watch Office no later than 24 hours from the time the owner/operator becomes aware**
 - **If reporting to SWO is required, a Public Notice of Pollution (PNP) can be submitted via Business Portal submission, or can be submitted on the PNP webpage, or through email or call to DEP (<http://floridadep.gov/pollutionnotice>)**





Information for Reporting SSOs

- **Name, address, and telephone number of person reporting**
- **Name, address, and telephone number of permittee or responsible person for the discharge**
- **Date and time of the discharge and status (ongoing/ceased)**
- **Characteristics of the wastewater spilled or related (untreated/treated, industrial/domestic wastewater)**
- **Estimated amount of the discharge**
- **Location or address of the discharge**
- **Source and cause of the discharge**





Information for Reporting SSOs

- **Whether the discharge was contained on-site, and clean-up actions taken to date**
- **Description of area affected by the discharge, including name of waterbody affected, if any**
- **Other persons or agencies contacted**





SSO DEP Portal

- **DEP Business Portal**
 - <https://www.fldepportal.com/DepPortal/go/home>
- **SSOs are entered directly by the responsible entity to ensure accurate spill information**
- **Reduces time spent on multi-agency notifications**
- **Notifies District office, populates Public Notice of Pollution and notifies DOH if within one mile of healthy beaches monitoring location**
- **Auto-populates nearby water bodies, if needed for reporting**
- **Auto-reminder email to finish report if not completed within five (5) days**





DMRs – DMR Part B

- **DMR Part B contains daily sampling data from the facility**
 - **The less than “<” sign should be used when non-detectable (ND) results are received from the laboratory**
 - **Other acceptable qualifiers for reporting DMR Part B data can be found under “Instructions for Completing the Wastewater Discharge Monitoring Reports”**





DMRs

- **Data transcribed from DMR Part B to DMR Part A should be accurate and complete**
 - **Significant figures**
- **Any exceedance(s) should be accompanied by a comment on DMR Part A**
 - **Include any potential cause(s) and completed corrective actions**





DMRs – DMR Part A

- **DMR Part A contains condensed information about the sampling data**
 - **The less than “<” sign can be used when reporting single sample results**
 - **The less “<” sign can be used when the calculated value result is less than the laboratory’s MDL**





DMRs

- **Acceptable codes for DMR Part A can be found in “Instructions for Completing the Wastewater Discharge Monitoring Reports”**
- **Ensure that all required sampling parameters are reported accurately**
 - **Toxicity sampling reporting requirements is outlined in the permit**





DMRs

- **Ensure that DMRs are fully completed before submittal**
 - **Incomplete DMRs will result in “Data Not Provided” (DNP) codes**
- **Use code ANC for sample results not received and attach any documentation to the DMR**
 - **Once samples are received, re-submit the DMR with the laboratory results attached**





Records & Reports

- **Annual Reclaimed Water and/or Effluent Analysis**
 - Reported on a DMR
- **Annual Reuse Report**
 - DEP Form 62-610.300(3)(a)2
- **Pathogen Monitoring Report**
 - DEP Form 62-610.300(3)(a)4





Records & Reports

- **Ensure that all records and reports are up-to-date and contain all necessary information**
 - **Standards/Buffer expirations dates**
 - **Chain of Custody (COC) and/or field sampling documentation**





Records & Reports – Groundwater

- **Ensure that all records and reports are up-to-date and contain all necessary information**
 - **Groundwater Sampling documentation**
 - **DEP Form FD 9000-24: Groundwater Sampling Log**





SSO Reporting

- **Abnormal Event Report (AER) should contain all required and relevant information about the unauthorized discharge**
- **New AER**
 - **The AER is the document the Department uses to evaluate and rate spills to ensure appropriate action is taken**





SSO Reporting – Surface Water Spills

- **Ensure that the correct parameter is being sampled for surface water spills**
 - **Map Direct**
 - **Class I: *Escherichia coli* Bacteria**
 - **Class II: *Enterococci* and/or Fecal Coliform Bacteria**
 - **Class III, Predominately Fresh: *Escherichia coli* Bacteria**
 - **Class III, Predominately Marine: *Enterococci* Bacteria**





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Questions?

