



# 2024 Focus On Change

Department of Environmental Protection  
Southwest District Drinking Water Update

March 12, 2024



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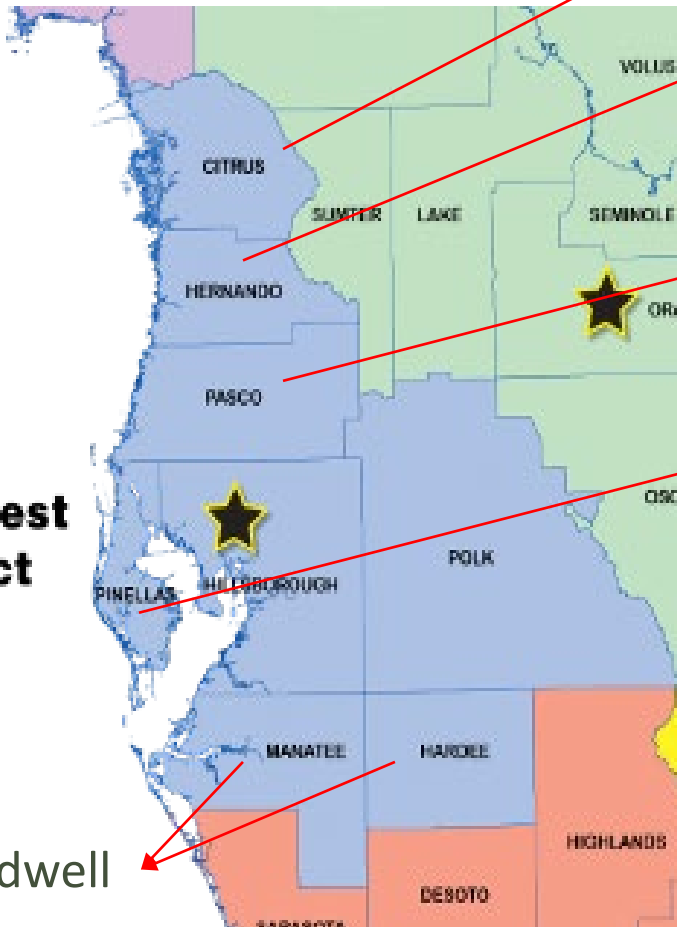
# Drinking Water Contacts

Staff	Role	Phone #	Email
James Brock	Program Manager	813-470-5737	<a href="mailto:James.Brock@FloridaDEP.gov">James.Brock@FloridaDEP.gov</a>
Erica Peck	Water Facilities Permitting Manager	813-470-5906	<a href="mailto:Erica.Peck@FloridaDEP.gov">Erica.Peck@FloridaDEP.gov</a>
Maryn Tidwell	Environmental Specialist III	813-470-5919	<a href="mailto:Maryn.Tidwell@FloridaDEP.gov">Maryn.Tidwell@FloridaDEP.gov</a>
Lauren Ballard	Environmental Specialist II	813-470-5784	<a href="mailto:Lauren.Ballard@FloridaDEP.gov">Lauren.Ballard@FloridaDEP.gov</a>
Emmalise Hunter	Environmental Specialist II	813-470-5787	<a href="mailto:Emmalise.C.Hunter@FloridaDEP.gov">Emmalise.C.Hunter@FloridaDEP.gov</a>
Jessie Standridge	Environmental Specialist II	813-470-5736	<a href="mailto:Jessie.Standridge@FloridaDEP.gov">Jessie.Standridge@FloridaDEP.gov</a>
Anthony Disipio	Environmental Specialist I	813-470-5860	<a href="mailto:Anthony.Disipio@FloridaDEP.gov">Anthony.Disipio@FloridaDEP.gov</a>
Willow Battista	OPS Environmental Specialist I	813-470-5794	<a href="mailto:Willow.Battista@FloridaDEP.gov">Willow.Battista@FloridaDEP.gov</a>
Vacant	Environmental Specialist I		
PW Mailbox: <a href="mailto:SWD_PW@dep.state.fl.us">SWD PW@dep.state.fl.us</a>			
Jorge Perez	Consultant	813-470-5734	<a href="mailto:Jorge.Perez@FloridaDEP.gov">Jorge.Perez@FloridaDEP.gov</a>
Larisa Orekhova	Engineering Specialist III	813-470-5929	<a href="mailto:Larisa.Orekhova@FloridaDEP.gov">Larisa.Orekhova@FloridaDEP.gov</a>
Permitting Mailbox: <a href="mailto:SWD_WF_Permitting@dep.state.fl.us">SWD WF Permitting@dep.state.fl.us</a>			



# Compliance Inspectors

*Some Counties have multiple inspectors*



**Southwest District**

Maryn Tidwell

- **Citrus**
  - Emmalise Hunter or Jessie Standridge
- **Hernando**
  - Lauren Ballard, Jessie Standridge, or Vacant
- **Pasco**
  - Anthony Disipio, Willow Battista or Vacant
- **Pinellas**
  - Emmalise Hunter, Jessie Standridge, Anthony Disipio, Willow Battista or Vacant
- **Delegated**
  - Hillsborough, all except Tampa Bay Water
  - Polk



# Polk County Contacts

Staff / Position	Role Description	Phone #	Email
Eric Pitts, Environmental Supervisor II	PWS Program Supervisor, Manage Implementation and Compliance of the SDWA, General Permits and Clearances	863-578-2034	<a href="mailto:Eric.Pitts@flhealth.gov">Eric.Pitts@flhealth.gov</a>
Alphonse Inevil, Environ. Specialist III	Chemical Compliance and Enforcement	863-578-2033	<a href="mailto:Alphonse.Inevil@flhealth.gov">Alphonse.Inevil@flhealth.gov</a>
Barbara Williams, Environ. Specialist II	Inspector; Lead and Copper and Sanitary Surveys	863-578-2024	<a href="mailto:Barbara.Williams@flhealth.gov">Barbara.Williams@flhealth.gov</a>
Nicole Follain-Grisell, Environ. Specialist I	Bacteriological and MOR Compliance/Database	863-578-2040	<a href="mailto:Nicole.Follain-Grisell@flhealth.gov">Nicole.Follain-Grisell@flhealth.gov</a>
Riley Melto, Data Processing Control Specialist	Bacteriological and Chemical Compliance/ Database	863-578-2026	<a href="mailto:Riley.Melto@flhealth.gov">Riley.Melto@flhealth.gov</a>
Matthew Nickerson, Environmental Manager	Specific Permits and Engineering	863-578-2036	<a href="mailto:Matthew.Nickerson@flhealth.gov">Matthew.Nickerson@flhealth.gov</a>

All Reports should be sent to [polk.wateroperators@flhealth.gov](mailto:polk.wateroperators@flhealth.gov)



# Hillsborough County Contacts

Staff / Position	Role Description	Phone #	Email
Therese LaDouceur, Environmental Manager	City of Tampa, QA and QI Programs, Permit Fee Reviews, Clearance & Permit QA, Surface Water Unregulated Rules, AD Rule, DBP Plans, Discovered & L.U. Systems, & American Infrastructure Act	813-559-4334	<a href="mailto:Therese.LaDouceur@flhealth.gov">Therese.LaDouceur@flhealth.gov</a>
Jessica (Jace) Robinson, Environ. Supervisor I	Hillsborough County Water Systems, Revised TCR & 4-log, Clearance & Permit QA, & DBP Plans	813-559-4358	<a href="mailto:Jessica.Robinson@flhealth.gov">Jessica.Robinson@flhealth.gov</a>
Melinda Swindle, Environ. Specialist III	Tampa General Hospital, Lead & Copper Rule, Clearance Reviews, Training, PBWNs	813-559-4388	<a href="mailto:Melinda.Swindle@flhealth.gov">Melinda.Swindle@flhealth.gov</a>
Allison Lykins, Environ. Specialist II	Area 4 Water Systems, CCRs, Well Sitings & Clearances, SOC Waivers, and Databases	813-559-4381	<a href="mailto:Allison.Lykins@flhealth.gov">Allison.Lykins@flhealth.gov</a>
Katherine Sequeira, Environ. Specialist II	Area 5 Water Systems, Enforcement, Public Notice Rule, Noncompliance letters, MCL Treatment requirements/action plans and MORs	813-559-4249	<a href="mailto:Katherine.Sequeira@flhealth.gov">Katherine.Sequeira@flhealth.gov</a>
Zane Bell, OPS Environ. Specialist I	Area 1 Water Systems	813-559-4383	<a href="mailto:Zane.Bell@flhealth.gov">Zane.Bell@flhealth.gov</a>
Jaime Jaramillo Castrillon, Environ. Specialist I	Area 2 Water Systems	813-559-4268	<a href="mailto:Jaime.Jaramillo-Castrillon@flhealth.gov">Jaime.Jaramillo-Castrillon@flhealth.gov</a>
Jake Pergola, Environ. Specialist I	Area 3 Water Systems	813-559-4263	<a href="mailto:Jake.Pergola@flhealth.gov">Jake.Pergola@flhealth.gov</a>
Noel Corson, Professional Engineer	All Permits, Permit Determinations, CCC Plans	813-559-4244	<a href="mailto:Noel.Corson@flhealth.gov">Noel.Corson@flhealth.gov</a>

All Reports and analyses should be sent to [DLCHD29DrinkingWater@FLHealth.gov](mailto:DLCHD29DrinkingWater@FLHealth.gov)

All Boil Water Notices should be sent to [Boilwater@Flhealth.gov](mailto:Boilwater@Flhealth.gov)



# When to Contact Us

## ***Notification in accordance with 62-555.520(1)(b-c)***

- Ownership changes
  - We can send an update form to complete and return
- Food License Paperwork
  - New convenience stores and restaurants or ownership transfers typically require a new food service license. Their form requires the regulating certify the drinking water is acceptable. Any out of compliance issues must be resolved before we will sign.
- Positive Bacteriological Results
  - Best to contact DEP to ensure repeat sampling is conducted correctly
- Boil Water Events
  - Contact us with questions about notification, sampling, and rescission



# When to Contact Us

- Free chlorine burns
- “Like for like” changes
- Permitting
  - Any changes to treatment process
    - Make sure you have established the proper permitting before making any changes or alterations to the facility
  - Start up or abandonment of wells
  - Addition of storage tanks
  - Distribution line extensions
- ***If you have an emergency and are unable to reach your inspector, you can call the main number (813) 470-5700 and ask for a drinking water inspector***





# Post Hurricane Communication

- Once your system is again operational:
  - Notify the Department of Environmental Protection (DEP) by phone or through WATER Tracker
  - Issue Precautionary Boil Water Notices (PBWNs) as appropriate
    - Power-loss drains storage tank(s) → systemwide pressure loss
    - Main break(s)
    - Flooding of well or damaged unpressurized lines
- PBWN sampling requirements vary with cause → Consult with DEP District Office
- Rescind PBWNs after receiving appropriate satisfactory results



# Upcoming Drinking Water Reports



# Cross Connection Control

- Cross-Connection Control Program Annual Report
  - Due March 31<sup>st</sup>
- Required for all systems with a population over 10,000

Florida Department of Environmental Protection  
**CROSS-CONNECTION CONTROL PROGRAM ANNUAL REPORT**

*Instructions:* Check mandatory water systems serving more than 10,000 persons shall complete and submit the report annually. The first annual report shall cover calendar year 2018, and subsequent annual reports shall cover each calendar year thereafter. The report shall be submitted to the appropriate Department of Environmental Protection district office or Regional/Central Florida Department within three months after the end of the calendar year covered by the report. Where used in this report, A/C = air gap; CWS = community water system; DC = double check valve assembly; DC/CA = double check device assembly; D/C = dual check device; PVB = pressure vacuum breaker assembly; PWS = public water system; RP = reduced pressure principle assembly; and RPDCA = reduced pressure principle detector assembly.

**I. General Information**  
 PWS Identification Number: \_\_\_\_\_  
 CWS Name: \_\_\_\_\_  
 CWS Status: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Contact Person's Title: \_\_\_\_\_  
 Contact Person's Address: \_\_\_\_\_  
 Contact Person's Phone: \_\_\_\_\_  
 Contact Person's E-Mail: \_\_\_\_\_

**II. Written Cross-Connection Control Plan**  
 • Does the CWS identified in Part I of the report have a written cross-connection control plan that meets the requirements described in Table 62-111.200-1, which appears at the end of Rule 62-111.200, F.A.C.?  Yes  No  
 • If no, provide in Part IV of the report a description of measures or actions necessary to bring the CWS's written cross-connection control plan into conformance with Table 62-111.200-1 and a schedule for completing such measures or actions.

**III. Inventory of Service Connections, and Inventory of Backflow Protection Being Required at or for Service Connections, at the End of Calendar Year**

Category of Service Connections	Whether Being Served Water	Whether with an A/C or for the Service Connections	Whether with a DC, DC/CA, PVB, RP, or RPDCA at or for the Service Connections	Whether with a D/C at or for the Service Connections
<b>A. All residential service connections</b>				
1. Single-family service connections				
2. Detached single-family connections				
3. Detached two-family connections				
4. Total non-residential service connections (A.1. + A.2. + A.3.)				
<b>B. Non-residential service connections</b>				
1. Attached service connections				
2. Detached and attached service connections				
3. Detached for special circumstances				
4. Total non-residential service connections (B.1. + B.2. + B.3.)				
Total service connections (A.4. + B.4.)				

**IV. Inventory Listing of Service Connections Backflow Protection, and Backflow Device Requirement of Service Connections at the End of Calendar Year**

Type of Category of Backflow Protection	Whether Required During the Year	Whether Installed During the Year	Whether Anticipated/Required During the Year
<b>A. All at or for service connections</b>			
1. DC, DC/CA, PVB, RP, & RPDCA at or for residential service connections			
2. DC, DC/CA, PVB, RP, & RPDCA at or for non-residential service connections			
3. D/C at or for residential service connections			
4. D/C at or for non-residential service connections			

Form 62-111.200-1, Effective May 1, 2018.  
 Reapproved in accordance with paragraph 62-111.200(3), F.A.C. Page 2 of 2



# CCR Due Dates

- **April 1<sup>st</sup>**: Systems that sell water to another water system must provide data to the system and submit the Certification of Delivery of Consumer Confidence Information to Supplied Systems, DEP Form 62-555.900(21)
- **July 1<sup>st</sup>**: CCRs must be distributed to customers
- **August 10<sup>th</sup>**: Certification of Delivery (COD), DEP Form 62-555.900(19) must be submitted to [SWD\\_PW@dep.state.fl.us](mailto:SWD_PW@dep.state.fl.us)



# Lead Service Line Inventory

- The LCRR requires all community and non-transient non-community public water systems to create an inventory of all service lines. Initial lead service line inventories must be submitted to the appropriate DEP Regulatory District Office or Approved County Health Department (ACHD) no later than **October 16, 2024**.
  - All SWD regulated System shall submit to [SWD\\_PW@dep.state.fl.us](mailto:SWD_PW@dep.state.fl.us)
  - For Systems regulated by Hillsborough County DOH direct your LSLI to the Lead Service Line Inventory Mailbox: [DLCHD29leadinventory@flhealth.gov](mailto:DLCHD29leadinventory@flhealth.gov)



# Sanitary Surveys



# Inspections

- Sanitary Surveys (SS) are required to meet state level of service and EPA requirements.
  - Compliance Inspections will be done 'as needed'
- Technical Assistance visits can be requested at any time.
- ***Childcare and at-risk facilities (such as for the elderly) are subject to more frequent inspections.***

## The eight elements of a sanitary survey are:

1. Operator compliance with regulations.
2. Source protection, physical components and condition.
3. Treatment.
4. Finished water storage.
5. Distribution.
6. Pumps/pump facility and controls.
7. Monitoring, reporting and data verification.
8. Water system management and operations.



# Common Deficiencies

- Logbook does not indicate operator in and out times to verify visits
- Operation and Maintenance (O&M) Manual
- Monthly Operation Report (MOR) Submittal
- Threaded taps without Vacuum Breakers (VBs)
- Sanitary Seals – No gaps/opening, also ensure gaps at electrical conduit sealed
- PW Compatible products







# Common Deficiencies

- Flow meter verification - every 5 years
  - The device must be operating within + / - 10 % of actual flow
  - Records must be maintained
- Finished Water Tank Inspection
  - 11"x15" manhole
  - Due every 5 years
  - FL Licensed Professional Engineer
  - Signed & Sealed Document
  - Document should be onsite





# Common Deficiencies

## *For Hillsborough County Systems*

- Systems with no chlorine
- Operator log book not filled out correctly
  - Missing if the system had repairs done, distribution line flushing records, or the tank annual cleaning.
  - OR logbook is illegible.
- Safety equipment missing
- O & M manual that haven't been updated, (such as change of operator, owner or equipment change)



# Common Deficiencies

## *For Hillsborough County Systems*

- Forms not completely filled out
  - Missing the system name, PWS ID, address, sampling point, and the samplers signature
  - Missing the chlorine residual – for bacte and DBP reports
- MOR with the wrong contact person, the average and max follow not filled in, not adding the emergency or abnormal operating condition.



# Common Deficiencies

## *For Polk County Systems*

- System Information Changes - including notifying the Department when systems change owners or operators.



# Paperwork Review

- The Department is standardizing and implementing a formal review process for Quality Assurance (QA), which includes reports submitted by systems.
- We will be reviewing reports submitted on a select number of the systems receiving an inspection.
  - You may be asked for information on a previously submitted monitoring report.
  - You may see comments in the inspection report to include information on future report submittals.
- You can find more information on QA at <https://floridadep.gov/dear/quality-assurance>



# Sampling Guidance & Documentation



# Compliance Schedule

- 2024: 2<sup>nd</sup> year of 2<sup>nd</sup> Compliance Period of 9-year Compliance Cycle
- Small Community Water Systems
  - Includes the remaining community systems that do not qualify as large community water systems

9-year Compliance Cycle								
1st Compliance Period			2nd Compliance Period			3rd Compliance Period		
2020	2021	2022	2023	2024	2025	2026	2027	2028
LCWS	SCWS	NTNC	LCWS	SCWS	NTNC	LCWS	SCWS	NTNC



# Report Review

- Review paperwork before submittal; ultimately it is the owners responsibility
- **Review the results when received from labs**
  - Maximum Contaminant Levels (MCLs) and Regulation Detection Limits (RDLs) are listed under 62-550 Florida Administrative Code, available through <https://www.flrules.org/>.
- Quick review guide available on the Northeast District Compliance Assurance Page: <https://floridadep.gov/sites/default/files/Chemical%20Report%20Review%20Guide.pdf>





# Lab Documentation

- Lab reports may omit information about the analysis that DEP needs to accept the results.
  - For example, explanations for certain qualifier codes.
- We may contact the lab to speak with the lab manager directly. However, not all labs will speak with DEP without your permission.
- If we cannot obtain the needed information, your results may be rejected.



# Public Notices

- Public Notice is required for any missed monitoring and Maximum Contaminant Level (MCL) exceedances.
- You must submit a copy of the Notice *and* the Certification of Delivery of Public Notice, Form 62-555.900(22)
- Time frames:
  - Acute violations= 24hrs
  - Non-Acute violation= 30days
  - Monitoring= 90days



# Boil Water Notices

<b>PBWN Event Timeline</b>		
<b>Unplanned Event Notification</b>		<b>Planned Event Notification</b>
<i>Department</i>	<i>Customers</i>	<i>Department &amp; Customers</i>
ASAP by 12:00pm of the following business day	ASAP but within 24 hours of the event	No later than the previous business day

- A copy of the PBWN must be furnished to both television and radio stations broadcasting in the affected area.
- The PBWN must be rescinded in the same manner as it was issued following receipt of satisfactory bacteriological samples.
- The items below must be reported to the Department following the issuance of a PBWN:
  - A copy of the Issued PBWN
  - A copy of the satisfactory lab reports
  - A copy of the issued rescission



# Monthly Operation Reports

## MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: \_\_\_\_\_ Plant Name: \_\_\_\_\_

### III. Daily Data for the Month/Year of: \_\_\_\_\_

Means of Achieving Four-Log Virus Inactivation/Removal: \*  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe): \_\_\_\_\_

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose						
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>			
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26															
27															
28															
29															
30															
31															
Total			0												
Average															
Maximum			0												

4-log/CT approved systems must provide Lowest Residual

Use the "Comment" Column when Daily Flows exceed the Permitted Maximum Daily Capacity.

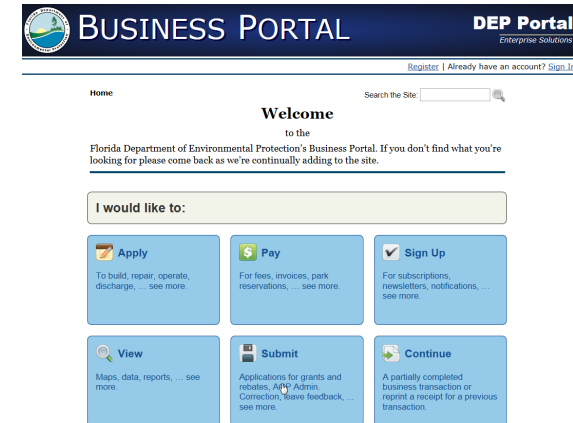
Provide the values for average and maximum flows.

\* Refer to the instructions for this report to determine which plants must provide this information



# eMOR Application

- eMOR is applicable to the DEP Form 62-555.900(3) only
- Accessible through DEP Business Portal <http://www.fldepportal.com/>
- You will complete the MOR using the application.
  - A completed MOR form will be generated, emailed to you, flow data is uploaded to DEP's database, and a copy of the MOR is placed into Oculus (DEP's electronic documents management system accessible to the public)
- Step-by-step guide is available, ask any inspector





# Report Submittal

- Email: [SWD\\_PW@dep.state.fl.us](mailto:SWD_PW@dep.state.fl.us)
- Mail: 13051 N. Telecom Pkwy Suite 101,  
Temple Terrace, FL 33637
- Fax: (813) 470-5996

Reports due by the **10<sup>th</sup> of the month** following the month of sampling *or* 10 days within receipt of results.



# Resources

- CCR Guidance
  - <https://www.frwa.net/ccr-information>
- District Drinking Water Webpage
  - <https://floridadep.gov/southwest/sw-compliance-assurance/content/southwest-district-drinking-water>
- Drinking Water Rules
  - <https://floridadep.gov/water/water/content/water-resource-management-rules#DW>
- Drinking Water Forms
  - <https://floridadep.gov/water/source-drinking-water/content/drinking-water-forms-reporting-formats>



# Additional Info

- Southwest District Compliance Assurance Resources
  - <https://floridadep.gov/southwest/sw-compliance-assurance>
- Main DEP Phone: (813)470-5700
- Presenter Info : Maryn Tidwell, (813)470-5919  
[Maryn.Tidwell@FloridaDEP.gov](mailto:Maryn.Tidwell@FloridaDEP.gov)



