

Florida Department of Environmental Protection



Central District

Introduction to OCULUS for Water & WW Facilities May 28, 2014





FDEP Water Facilities OCULUS

- OCULUS is the Electronic Document Management System (EDMS) for the Florida Department of Environmental Protection (FDEP).
- OCULUS has been in existence since 2006.
 - The Wastewater Program began using the database in March 2010.
 - The Drinking Water Program began using the database in April 2011.
- Not all documents are available in OCULUS.
 - Many documents that were generated prior to 2010 or 2011 may not have been inserted.



Presentation Synopsis

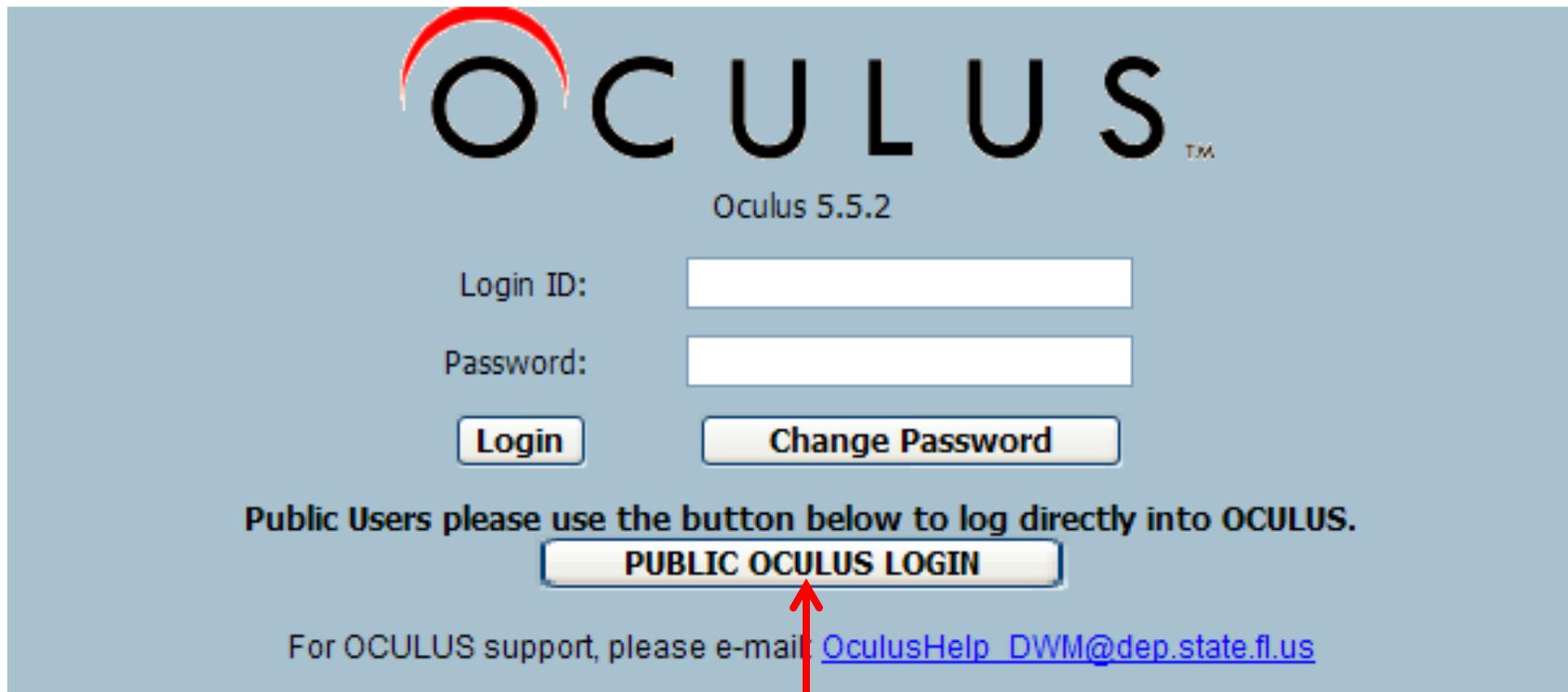
- Login
- Help Functions
- Search Screens
- Record Retrieval
- Managing Documents
- Live Demos





System Login

Public OCULUS Login:

A screenshot of the OCULUS login interface. At the top is the OCULUS logo with a red arc above the 'O' and the text "OCULUS™". Below the logo is the version number "Oculus 5.5.2". There are two input fields: "Login ID:" and "Password:". Below these are two buttons: "Login" and "Change Password". A larger button labeled "PUBLIC OCULUS LOGIN" is positioned below the "Login" button. A red arrow points from this button down to the URL below. At the bottom of the interface, there is a text prompt: "Public Users please use the button below to log directly into OCULUS." and a support email address: "For OCULUS support, please e-mail OculusHelp_DWM@dep.state.fl.us".

<http://depedms.dep.state.fl.us/Oculus/servlet/login>

<http://wrmedms/Oculus/servlet/login>



User Help

- **Public User Guide:**
 - Outlines step-by-step searching techniques

Welcome to DEP's New Consolidated OCULUS System

Please note, due to concurrent licensing, once logged in there is a system time-out after 30 minutes of inactivity.

Section 508 Compliance
Disclaimer: The Florida Department of Environmental Protection is committed to making its electronic and information technologies accessible to individuals with disabilities in accordance with [Section 508 of the Rehabilitation Act \(29 U.S.C. 794d\)](#), as amended in 1998.

Send feedback related to the accessibility of this website to the Florida Department of Environmental IT [Service Desk](#), 850-245-7555.

OCULUSTM
Oculus 5.6.1

Login ID:

Password:

Public Users please use the button below to log directly into OCULUS.

Changes in the new version of OCULUS - [DEP Users : Public Users](#)

For OCULUS support, please e-mail: servicedesk@dep.state.fl.us

Internet Explorer

What do you want to do with OCULUS v5 Public.doc?

Size: 152 KB
From: depedms.dep.state.fl.us

→ Open
The file won't be saved automatically.

→ Save

→ Save as

<http://wrmedms/Oculus/servlet/login>



Welcome to the Florida DEP Consolidated OCULUS
Electronic Document Management System.

The following programs have records in the OCULUS electronic document management system for public review:

**Division of Waste Management
(DWM)**

Hazardous Waste
Solid Waste
Storage Tanks (*Petroleum
Restoration*)
Waste Cleanup

**Division of Water Resource
Management(DWRM)**

ERP - Environmental Resource
Permitting
NPDES Storm Water Potable Water
Systems
Underground Injection Control

Wastewater
Water Facility Funding
Water Supply Restoration
Beaches & Coastal Systems
Mining & Minerals Regulation

Help using OCULUS

We have several tools available to assist in using the OCULUS Document Management System. At any point, users can click the help menu to open the [Online help system](#). For help finding documents in OCULUS, please see the [Public Document Taxonomy](#). If you believe that you've found an error with a document, please contact [servicedesk@dep.state.fl.us](mailto: servicedesk@dep.state.fl.us) to report the problem.

At times Microsoft Office updates may cause users to lose the ability to "View" TIF documents in OCULUS and limit their options to 'Save' or 'Cancel' when trying to view them. If your computer is experiencing this problem, please try the steps outlined [in this document](#).

If you can open documents correctly but find black pages while viewing 'TIF' documents from OCULUS or you are having other trouble viewing documents, please [follow these instructions](#) for help installing an alternative viewer.

If you're still having trouble, please contact [servicedesk@dep.state.fl.us](mailto: servicedesk@dep.state.fl.us) for assistance

- Online Help
- Document Taxonomy (Document types by Program)
- Email address for assistance



Water OCULUS

Search – use the “...” button for a pop-up search:

Oculus 5.5 - Windows Internet Explorer

http://depmedms.dep.state.fl.us/Oculus/servlet/login?action=login

File Edit View Favorites Tools Help

★ Favorites att.net – Email, News, Spor... DEP Business Portal FDEP Information Portal

Oculus 5.5

OCULUS™

Search Actions Tools Help Logout Hello netuser

Search

Catalog

- Mining & Minerals Regulation
- NPDES Storm Water
- Potable Water Systems
- Solid Waste
- Storage Tanks
- Underground Injection Control

Sort By: Document Date Type: Any

Creator: [text box]

Created: [calendar] (MM-DD-YYYY) To: [calendar] (MM-DD-YYYY)

Search Clear

Search by: Profile

Profile

- Administrative
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization
- Sampling

County: [=] [dropdown]

District: [=] [dropdown]

Facility-Site ID: [=] [text box] [pop-up search button]

Document Date: From [calendar] (MM-DD-YYYY) To [calendar] (MM-DD-YYYY)

Received Date: From [calendar] (MM-DD-YYYY) To [calendar] (MM-DD-YYYY)

Document Type: [dropdown]

Contractor ID: [=] [dropdown]

Facility Type: [*] [dropdown]

Application Number: [=] [dropdown]

Permit Number: [=] [dropdown]

Can narrow date range

Can choose doc type

javasript: Hideportal(9)

Local intranet 100%

start Inbox - Micro... Windows Eas... 2 Microsoft ... Oculus 5.5 - ... Search Desktop 11:55 AM

<http://wrmedms/Oculus/servlet/login>



Water OCULUS

Search by:

- Program – Potable Water Systems and/or Wastewater
- District – CD
- County
- Facility ID
- Facility Name
- Permit Number

OCULUS Popup Search - Windows Internet Explorer

Search Criteria

=	Program	Potable Water Systems
=	District	
=	County	
=	Facility ID	
*	Facility Name	Lake Mary
=	Permit Number	

Search Reset



Water OCULUS

- The = will return a search with only those matching exactly what you type
- The * will return a search including everything that has what you type

A screenshot of a web browser window titled "OCULUS Pop-up Search - Internet Explorer". The address bar shows the URL: <http://depdms.dep.state.fl.us/Oculus/servlet/lookupUtility?catalog=23&profile=&CallingProperty=Facility-Site ID>. The main content area is titled "Search Criteria" and contains a list of search fields, each with a dropdown menu for the search operator. The operators are: = for Program, District, County, Permit Number, and Number; and * for Facility ID and Facility Name. A red box highlights the Facility ID and Facility Name rows, and a red arrow points from the text in the first bullet point to this box. Below the search criteria are "Search" and "Reset" buttons.



Water OCULUS

OCULUS Popup Search - Windows Internet Explorer

Search Criteria

Search Results

PROGRAM	ID	NAME	CITY	COUNTY	DISTRICT	FACILITY TYPE
<input checked="" type="radio"/> Potable Water Systems	3590201	LAKE MARY, CITY OF	LAKE MARY	SEMINOLE	CD	COMMUNITY
<input type="radio"/> Potable Water Systems	3594137	AMOCO FOOD SHOP #88-LAKE MARY	LAKE MARY	SEMINOLE	CD	NONCOMMUNITY

2 result(s) returned

[Close Window](#)

Click on radio button for system selected



Water OCULUS

Oculus 5.5 - Windows Internet Explorer

http://depdms.dep.state.fl.us/Oculus/servlet/login?action=login

File Edit View Favorites Tools Help

★ Favorites att.net - Email, News, Spor... DEP Business Portal FDEP Information Portal

Oculus 5.5

OCULUS™

Search Actions Tools Help Logout Hello netuser

Created [] (MM-DD-YYYY) To [] (MM-DD-YYYY)

Search Clear

County = SEMINOLE

District = CD

Facility-Site ID = 3590201 LAKE MARY, CITY OF

Document Date From [] (MM-DD-YYYY) To [] (MM-DD-YYYY)

Received Date From [] (MM-DD-YYYY) To [] (MM-DD-YYYY)

Document Type = []

Contractor ID = []

Facility Type * COMMUNITY

Application Number = []

Permit Number = []

Document Subject = []

Search Clear

Search by Profile

Profile

- Administrative
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization
- Sampling

javascript: Hideportal(8)

Local intranet 100%

Limit choices to see fewer results



Water OCULUS

Oculus 5.5 - Windows Internet Explorer

http://depedms.dep.state.fl.us/Oculus/servlet/login?action=login

File Edit View Favorites Tools Help

att.net - Email, News, Spor... DEP Business Portal FDEP Information Portal

Oculus 5.5

OCULUS™ Search Actions Help Logout Hello netuser

Search Results

Potable Water Systems
278 total

Result/Page: 55 Refresh

Add to Favorites Export to Excel Send Search Results Printable

Showing Result(s) 1 to 55

Pages: 1 2 3 4 5 6 Next

Operations View Select

	Preview	Profile	Facility Site ID	Document Date	Received Date	Document Type	Inspection Type	Permit Type
<input type="radio"/>			Permitting_Authorization	3590201	02-03-2014	02-03-2014	CLEARANCE RELATED	GENERAL PERMIT
<input checked="" type="radio"/>			Discovery_Compliance	3590201	01-09-2014	01-09-2014	INSPECTION RELATED	SANITARY SURVEY
<input type="radio"/>			Sampling	3590201	01-08-2014	02-10-2014	BACTERIOLOGICAL RELATED	
<input type="radio"/>			Sampling	3590201	01-01-2014	02-10-2014	MONTHLY OPERATION REPORTS	
<input type="radio"/>			Sampling	3590201	12-12-2013	12-12-2013	DISINFECTION BYPRODUCTS RELATE	
<input type="radio"/>			Permitting_Authorization	3590201	12-11-2013	12-11-2013	PERMIT-FINAL	GENERAL PERMIT
<input type="radio"/>			Permitting_Authorization	3590201	12-09-2013	12-09-2013	PERMIT APPLICATION RELATED	GENERAL PERMIT
<input type="radio"/>			Sampling	3590201	12-06-2013	01-06-2014	BACTERIOLOGICAL RELATED	
<input type="radio"/>			Sampling	3590201	12-01-2013	01-06-2014	MONTHLY OPERATION REPORTS	
<input type="radio"/>			Sampling	3590201	11-18-2013	12-09-2013	BACTERIOLOGICAL RELATED	
<input type="radio"/>			Sampling	3590201	11-05-2013	12-09-2013	BACTERIOLOGICAL RELATED	
<input type="radio"/>			Sampling	3590201	11-01-2013	12-09-2013	MONTHLY OPERATION REPORTS	
<input type="radio"/>			Sampling	3590201	10-14-2013	11-05-2013	BACTERIOLOGICAL RELATED	

Local intranet 100%

start | Inbox - Micro... | Microsoft Po... | Oculus 5.5 - ... | FOC2014 | Search Desktop | 11:13 AM

2. Select more results per page to reduce screens to search

1. Click on radio button to select document

3. Select Document Date/Type to narrow Search



Water OCULUS

Oculus 5.5 - Windows Internet Explorer

http://depdms.dep.state.fl.us/Oculus/servlet/login?action=login

Search Results

Potable Water Systems
278 total

Result/Page: 10 Refresh

Operations: View Select

	Preview	Profile	Facility-Site ID	Document Date	Received Date	Document Type	Inspection Type	Permit Type	Facility Type	Document Subject	Cour
<input type="checkbox"/>		Sampling	3590201	01-08-2014	02-10-2014	BACTERIOLOGICAL RELATED			COMMUNITY	2014 01 COMPLIANCE	SEMI
<input checked="" type="checkbox"/>		Discovery_Compliance	3590201	01-09-2014	01-09-2014	INSPECTION RELATED	SANITARY SURVEY		COMMUNITY	2013-12-12 SAINTARY SURVEY	SEMI
<input type="checkbox"/>		Permitting_Authorization	3590201	02-03-2014	02-03-2014	CLEARANCE RELATED		GENERAL PERMIT	COMMUNITY	0080854-147-DSGP_WATERSIDE_TOT	SEMI

You can Open/Save by clicking on the Preview button Or by using the Select feature



Water OCULUS

Oculus 5.5 - Windows Internet Explorer
http://depedms.dep.state.fl.us/Oculus/servlet/login?action=login

File Edit View Favorites Tools Help

Search Actions Tools Help Logout Hello netuser

Search Results

Potable Water Systems
278 total

Result/Page 10 Refresh

Operations View Select

Clear | Send Documents | Send Links | Add To Folder You have 3 document(s) selected | 53% of mail attachment size limit reached.

	Preview	Profile	Facility-Site ID	Document Date	Received Date	Document Type	Inspection Type	Permit Type	Facility Type	Document Subject	Cour
<input checked="" type="checkbox"/>			3590201	01-08-2014	02-10-2014	BACTERIOLOGICAL RELATED			COMMUNITY	2014 01 COMPLIANCE	SEMI
<input checked="" type="checkbox"/>			3590201	01-09-2014	01-09-2014	INSPECTION RELATED	SANITARY SURVEY		COMMUNITY	2013-12-12 SAINTARY SURVEY	SEMI
<input checked="" type="checkbox"/>			3590201	02-02-2014	02-02-2014	CLEARANCE RELATED		GENERAL PERMIT	COMMUNITY	0080854-147-DSGP_WATERSIDE_TOT	SEMI

Pages: Previous 1 2 3 4 5 6

1. Check envelope button for email

2. Click on Send Documents/Links

javascript: Hideportal(8) Local intranet | Protected Mode: Off 1:10 PM 3/4/2014



Water OCULUS

Oculus 5.5 - Windows Internet Explorer

http://depdms.dep.state.fl.us/Oculus/servlet/login?action=login

File Edit View Favorites Tools Help

att.net - Email, News, Spo... DEP Business Portal FDEP Information Portal Web Slice Gallery

Oculus 5.5

OCULUS™ Search Actions Tools Help Logout Hello netuser

Send Document

From:*

To:*

Subject:

Message:

Attachment: SKMBT_C22014022510341.pdf; 14-0092 City of Lake Mary SS.;

Send* Back

Brings up an email with the attachments



Water OCULUS

Oculus 5.5 - Windows Internet Explorer

http://depdms.dep.state.fl.us/Oculus/servlet/login?action=login

File Edit View Favorites Tools Help

att.net - Email, News, Spo... DEP Business Portal FDEP Information Portal Web Slice Gallery

Oculus 5.5

OCULUS™ Search Actions Tools Help Logout Hello netuser

Send Link

From:*

To:*

Subject:

Message:

```
http://depdms.dep.state.fl.us:80/Oculus/servlet/shell?
command=getEntity&[guid=32.513425.1]&[profile=Sampling]

http://depdms.dep.state.fl.us:80/Oculus/servlet/shell?
command=getEntity&[guid=32.498564.1]&
[profile=Discovery_Compliance]

http://depdms.dep.state.fl.us:80/Oculus/servlet/shell?
command=getEntity&[guid=32.505765.1]&
[profile=Permitting_Authorization]
```

Send Back

Brings up an email with the links



Wastewater OCULUS

The following are an example of some documents that can be found in OCULUS regarding a permitted wastewater facilities:

- Wastewater permits and revisions
- Discharge Monitoring Reports (DMRs)
- Wastewater permit applications
- Biosolids Management Facility and Biosolids Treatment Facility information
- Malfunction reports
- Inspection reports
- Reports required to be submitted by permit.



Wastewater OCULUS



Search

Catalog

- Potable Water Systems
- Solid Waste
- Storage Tanks
- Underground Injection Control
- Waste Cleanup
- Wastewater**

Search by

Profile

- Administrative
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization**
- Sampling

Sort By **Document Date** Type **Any**

Creator

Created (MM-DD-YYYY) To (MM-DD-YYYY)

Search **Clear**

County =

District =

Facility-Site ID =

Document Date From (MM-DD-YYYY) To (MM-DD-YYYY)

Received Date From (MM-DD-YYYY) To (MM-DD-YYYY)

Document Type =

Contractor ID =

PSD Number =

Permit Type =

Permit Number =

Document Subject =

Search **Clear**

First choose **Wastewater** from the Catalog of Program Areas.



Wastewater OCULUS

OCULUS™ Search Actions Tools Help Logout

Search

Catalog

- Storage Tanks
- Underground Injection Control
- Waste Cleanup
- Wastewater**
- Water Facility Funding
- Water Supply Restoration

Search by: Profile

Profile

- Administrative**
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization
- Sampling

Sort By: Document Date Type: Any

Creator: []

Created: [] (MM-DD-YYYY) To [] (MM-DD-YYYY)

Search Clear

Choose a Profile to search.

County: [=] []

District: [=] []

Facility-Site ID: [=] []

Document Date: From [] (MM-DD-YYYY) To [] (MM-DD-YYYY)

Received Date: From [] (MM-DD-YYYY) To [] (MM-DD-YYYY)

Document Type: [=] []

Contractor ID: [=] []

Construction_Operation Mgmt – Annual Reuse Reports
Discovery_Compliance – Inspection Reports
Permitting_Authorization – Permits and Revisions
Sampling – DMRs, Pathogen Monitoring and Toxicity.



Wastewater OCULUS

OCULUS™

Search Actions Tools Help Logout

Search

Catalog

- Storage Tanks
- Underground Injection Control
- Waste Cleanup
- Wastewater**
- Water Facility Funding
- Water Supply Restoration

Search by

Profile

Profile

- Administrative
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization**
- Sampling

Sort By: Document Date Type: Any

Creator: Folder Name:

Created: (MM-DD-YYYY) To: (MM-DD-YYYY)

Search Clear

County: District:

Facility-Site ID: = FLA011105

Document Date: From (MM-DD-YYYY) To (MM-DD-YYYY)

Received Date: From (MM-DD-YYYY) To (MM-DD-YYYY)

Document Type: Contractor ID: PSD Number: Permit Type:

Document Subject: =

Search Clear

If you know the wastewater permit number type it in the Facility-Site ID field and press the Tab key.



Wastewater OCULUS

OCULUS™

Search Actions Tools Help Logout

Search

Catalog

- Storage Tanks
- Underground Injection Control
- Waste Cleanup
- Wastewater**
- Water Facility Funding
- Water Supply Restoration

Search by

Profile

Profile

- Administrative
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization**
- Sampling

Sort By **Document Date** Type **Any**

Creator _____ Folder Name _____

Created _____ (MM-DD-YYYY) To _____ (MM-DD-YYYY)

Search Clear

County = **SEMINOLE**

District = **CD**

Facility-Site ID = **FLA011105** ... **SHADOW HILLS WWTF**

Document Date From _____ (MM-DD-YYYY) To _____ (MM-DD-YYYY)

Received Date From _____ (MM-DD-YYYY) To _____ (MM-DD-YYYY)

Document Type = _____

Contractor ID = _____

PSD Number = _____

Permit Type = _____

Facility Type * **DOMESTIC WASTEWATER**

Application Number = _____

Permit Number = _____

Search Clear

This will populate the facility information on the search screen.



Wastewater OCULUS

OCULUS™

Search Actions Tools Help Logout Hello netuser

Search Results

Wastewater
15 total

Result/Page 10 Refresh

Add to Favorites Export to Excel Send Search Results Printable Hitlist Showing Result(s) 1 to 1

Operations View Select Pages:

	Preview	Profile	Facility-Site ID	Document Date	Received Date	Document Type	Permit Type	Facility Type	Application Number	Pe
<input checked="" type="radio"/>		Permitting_Authorization	FLA011105	08-17-2011	08-17-2011	REVISION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	09-22-2011	09-22-2011	PERMIT APPLICATION RELATED	DW - COLLECTION/ TRANSMISSION S	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	09-22-2011	09-22-2011	PERMIT APPLICATION RELATED	DW - COLLECTION/ TRANSMISSION S	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	09-29-2011	09-29-2011	PERMIT APPLICATION RELATED	DW - COLLECTION/ TRANSMISSION S	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	09-30-2011	09-30-2011	PERMIT-FINAL	DW - COLLECTION/ TRANSMISSION S	DOMESTIC WASTEWATER		FLA
<input type="radio"/>		Permitting_Authorization	FLA011105	02-19-2013	02-19-2013	PERMIT-EXPIRED RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	06-03-2013	06-03-2013	PERMIT APPLICATION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	06-03-2013	06-03-2013	PERMIT APPLICATION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	06-19-2013	06-20-2013	PERMIT APPLICATION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER	FLA011105007	FLA
<input type="radio"/>		Permitting_Authorization	FLA011105	06-21-2013	06-21-2013	PERMIT APPLICATION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER	FLA011105007	FLA
<input type="radio"/>		Permitting_Authorization	FLA011105	06-27-2013	07-01-2013	PERMIT APPLICATION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	06-27-2013	07-01-2013	PERMIT APPLICATION RELATED	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER		
<input type="radio"/>		Permitting_Authorization	FLA011105	07-12-2013	07-12-2013	PERMIT-FINAL	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER	FLA011105007	FLA
<input type="radio"/>		Permitting_Authorization	FLA011105	07-12-2013	07-12-2013	PERMIT-FINAL	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER	FLA011105007	FLA
<input type="radio"/>		Permitting_Authorization	FLA011105	07-12-2013	07-12-2013	PERMIT-FINAL	DW - DOMESTIC WASTEWATER FACIL	DOMESTIC WASTEWATER	FLA011105007	FLA

All permit related documents are included in results. To choose a file click on a radio button on the left hand side of the record and then click the **Select** button.



Wastewater OCULUS



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Utilities Inc of Longwood

RESPONSIBLE OFFICIAL:
Patrick C Flynn
200 Weathersfield Ave
Altamonte Springs, Florida 32714-4027
(407) 869-1919

FACILITY:

Shadow Hills WWTF
925 Lincolnwood Lane
Longwood, FL 32750-2846
Seminole County
Latitude: 28°42' 53.54" N Longitude: 81°21' 44.21" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

An existing 0.500 mgd annual average daily flow (AADF) design capacity, 0.470 mgd aadf permitted capacity step aeration activated sludge domestic wastewater treatment plant consisting of flow equalization, influent screening, aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. The flows to the facility are limited to 0.470 MGD, the permitted capacity of the reuse system.

REUSE OR DISPOSAL:

Land Application R-001: An existing 0.470 MGD AADF permitted capacity rapid infiltration basin system. R-001 is a reuse system which consists of seven (7) rapid infiltration basins (RIBs) with a total wetted area of 8 acres located

Document appears in new window.



Wastewater OCULUS

OCULUS™

Search Actions Tools Help Logout

Search

Catalog

- Storage Tanks
- Underground Injection Control
- Waste Cleanup
- Wastewater**
- Water Facility Funding
- Water Supply Restoration

Search by

Profile

Profile

- Administrative
- Cleanup_Remediation
- Construction_Operation Mgmt
- Discovery_Compliance
- Enforcement_Legal
- Fiscal
- Permitting_Authorization**
- Sampling

Sort By: Document Date Type: Any

Creator: Folder Name:

Created: (MM-DD-YYYY) To: (MM-DD-YYYY)

Search Clear

County: =

District: =

Facility-Site ID: =

Document Date: From: (MM-DD-YYYY) To: (MM-DD-YYYY)

Received Date: From: (MM-DD-YYYY) To: (MM-DD-YYYY)

Document Type: =

Contractor ID: =

PSD Number: =

Permit Type: =

Search Clear

If you don't know the permit number you can use the OCULUS Popup Search function. Click on the box with the three dots.



Wastewater OCULUS

The screenshot displays the OCULUS web application interface. On the left, there is a 'Search' sidebar with a 'Catalog' list including 'Storage Tanks', 'Underground Injection Control', 'Waste Cleanup', 'Wastewater', 'Water Facility Funding', and 'Water Supply Restoration'. Below this is a 'Search by' dropdown set to 'Profile' and a 'Profile' list with options like 'Administrative', 'Cleanup_Remediation', 'Construction_Operation Mgmt', 'Discovery_Compliance', 'Enforcement_Legal', 'Fiscal', 'Permitting_Authorization', and 'Sampling'. A red arrow points from the 'Permitting_Authorization' option to a 'Search' button in a popup window.

The main interface includes a 'Search' section with 'Sort By' set to 'Document Date' and 'Type' set to 'Any'. There are input fields for 'Creator', 'Folder Name', and 'Created' (with date pickers). A 'Search' button is visible.

The 'OCULUS Popup Search - Windows Internet Explorer' window is open, showing 'Search Criteria' with the following fields:

Field	Value
Program	Wastewater
District	
County	SEMINOLE
Facility ID	
Facility Name	hill
Permit Number	
Application Number	

At the bottom of the popup window are 'Search' and 'Reset' buttons. A red bracket on the right side of the popup window indicates the search criteria section.

A text box at the bottom of the screenshot contains the following instructions:

A new search window pops up.
Fill in as much information as you can to narrow your search results.
Then click the **Search** button.



Wastewater OCULUS

OCULUS™

Search Actions Tools Help Logout

Search

Catalog

Sort By **Document Date** Type **Any**

Creator Folder Name

Storage Tanks
Underground Injection Control
Waste Cleanup
Wastewater
Water Facility Funding
Water Supply Restoration

Search by
Profile

Profile

Administrative
Cleanup_Remediation
Construction_Operation Mgmt
Discovery_Compliance
Enforcement_Legal
Fiscal
Permitting_Authorization
Sampling

OCULUS Popup Search - Windows Internet Explorer

Search Criteria

Search Again

Search Results

PROGRAMID	NAME	CITY	COUNTY	DISTRICT	FACILITY TYPE
<input type="radio"/> Wastewater	FLA011105 SHADOW HILLS WWTF	LONGWOOD	SEMINOLE	CD	DOMESTIC WASTEWATER

1 result(s) returned

[Close Window](#)

Permit Number =

New window appears with search results.
Click the radio button to make a selection.



Wastewater OCULUS

The screenshot shows the OCULUS search interface. The top navigation bar includes 'Search', 'Actions', 'Tools', 'Help', and 'Logout'. The main search area is titled 'Search' and contains several sections:

- Catalog:** A list of categories including 'Storage Tanks', 'Underground Injection Control', 'Waste Cleanup', 'Wastewater' (highlighted), 'Water Facility Funding', and 'Water Supply Restoration'.
- Search by:** A dropdown menu set to 'Profile'.
- Profile:** A list of profile types including 'Administrative', 'Cleanup_Remediation', 'Construction_Operation Mgmt', 'Discovery_Compliance', 'Enforcement_Legal', 'Fiscal', 'Permitting_Authorization' (highlighted), and 'Sampling'.
- Search Criteria:** A series of filters on the right side:
 - Sort By: Document Date
 - Type: Any
 - Creator: [Empty]
 - Folder Name: [Empty]
 - Created: [Empty] (MM-DD-YYYY) To [Empty] (MM-DD-YYYY)
 - County: SEMINOLE
 - District: CD
 - Facility-Site ID: FLA011105 ... SHADOW HILLS WWTF
 - Document Date: From [Empty] (MM-DD-YYYY) To [Empty] (MM-DD-YYYY)
 - Received Date: From [Empty] (MM-DD-YYYY) To [Empty] (MM-DD-YYYY)
 - Document Type: [Empty]
 - Contractor ID: [Empty]
 - PSD Number: [Empty]
 - Permit Type: [Empty]
 - Facility Type: * DOMESTIC WASTEWATER
 - Application Number: [Empty]

Buttons for 'Search' and 'Clear' are located below the search criteria. A text box at the bottom of the screenshot states: 'Directed to main search screen with facility information populated.'



Wastewater OCULUS

Email Document

Pages

OCULUS™

Search Actions Tools Help Logout

Search Results

Wastewater
4 total

Result/Page 10 Refresh

Add to Favorites Export to Excel Send Search Results Printable Hitlist

Showing Result(s) 31 to 40

Pages: Previous 1 2 3 4 5 Next

Operations View Select

	Preview	Profile	Facility-Site ID	Document Date	Received Date	Document Type	Facility Type	Application Number	Permit Number	Document Subject
<input type="radio"/>			Sampling FLA011105	04-24-2012	04-27-2012	GROUNDWATER MONITORING RELATED	DOMESTIC WASTEWATER			2012 1ST QUARTER GROUNDWA
<input type="radio"/>			Sampling FLA011105	05-01-2012	06-26-2012	DISCHARGE MONITORING REPORTS R	DOMESTIC WASTEWATER			2012 05 DMR.
<input type="radio"/>			Sampling FLA011105	05-04-2012	05-04-2012	GROUNDWATER MONITORING RELATED	DOMESTIC WASTEWATER			ANNUAL GROUNDWATER REVIEW
<input type="radio"/>			Sampling FLA011105	06-01-2012	10-15-2012	DISCHARGE MONITORING REPORTS R	DOMESTIC WASTEWATER			2012 06 REVISED PAGE 3 DMR
<input type="radio"/>			Sampling FLA011105	06-01-2012	07-27-2012	DISCHARGE MONITORING REPORTS R	DOMESTIC WASTEWATER			2012 06 DMR.
<input type="radio"/>			Sampling FLA011105	06-13-2012	06-14-2012	EFFLUENT ANALYSIS RELATED	DOMESTIC WASTEWATER			2012 06 14 CERTIFICATION IN LI
<input type="radio"/>			Sampling FLA011105	06-25-2012	07-27-2012	GROUNDWATER MONITORING RELATED	DOMESTIC WASTEWATER			2012 2ND QUARTER GROUNDWA
<input type="radio"/>			Sampling FLA011105	07-01-2012	08-27-2012	DISCHARGE MONITORING REPORTS R	DOMESTIC WASTEWATER			2012 07 DMR.
<input type="radio"/>			Sampling FLA011105	08-01-2012	09-27-2012	DISCHARGE MONITORING REPORTS R	DOMESTIC WASTEWATER			2012 08 DMR.
<input type="radio"/>			Sampling FLA011105	09-01-2012	10-11-2012	DISCHARGE MONITORING REPORTS R	DOMESTIC WASTEWATER			2012 09 DMR

Profile

Facility-Site ID

Document Type

Facility Type

Document Subject

Florida Department of Environmental Protection



Central District

Electronic Submission of Discharge Monitoring Reports (eDMR) and the upcoming ezDMR

May 28, 2014





The DMR

Discharge Monitoring Report for Self-Monitoring

- All DEP permitted wastewater facilities regardless of disposal method
- All surface water discharges (NPDES)





The eDMR

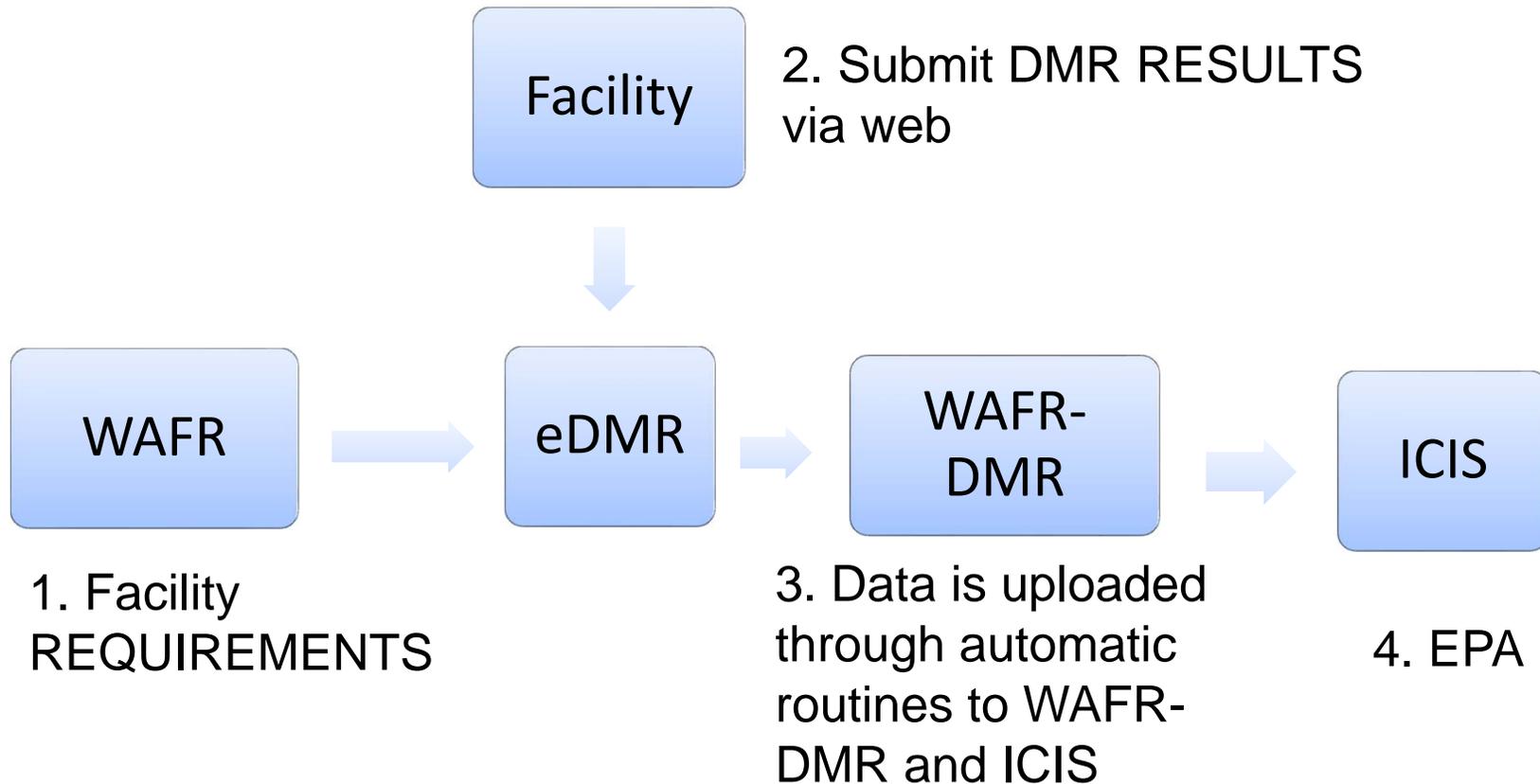
Secure web and XML-based system allowing facilities to transmit DMRs to DEP

eDMR (Early 2003)

- *How Does eDMR work?*
- *What are the Benefits of Electronic Self-Monitoring Submittals?*



How Does eDMR Work?





The Original eDMR

- Faster, more efficient and less burdensome alternative to hand-written paper based reports
- On the fly QA/QC
- Electronic signature, certifications and receipt acknowledgement



Why is DEP Promoting Electronic Self-Monitoring Submittals?

- Ongoing efforts by DEP to improve business processes
- Encourage the regulated community to provide paper-less alternatives for reporting
- Savings to the State and the regulated community
- Improves program's overall effectiveness



Enhanced Format & Layout Helps Reduce Errors

Req. ID	Permit Number	Facility Name	Report Frequency	Monitoring Period	Status	Due Date	Online Entry	XML	Excel	View Form
730044	FL0025755	SIESTA KEY UTILITIES AUTHORITY	MONTHLY	08/01/2010 - 08/31/2010	REPORT NOT SUBMITTED	09/28/2010				

1 Fill Summary Discharge Monitoring Report

General Information

Facility:	SOUTHERN BELL TRAILER PARK	Monitoring Period:	08/01/2010 ~ 08/31/2010	Frequency:	MONTHLY
Permit Number:	FLA010151	Address:	5876 W TENNESSEE ST	Location:	5876 W TENNESSEE ST
Permit Limit:	Final		TALLAHASSEE FL, 32304-7200	District:	TALLAHASSEE FL, 32304
Permittee Name:	SOUTHERN BELL TRAILER PARK	County:			
Report Group:	Domestic				

Monitoring Group: **R-002** No Discharge

Parameter: Flow (50050); Mon. Site No : FLW-02 (Y)

Quantity or Loading

Reporting Data: Unit: MGD

Permit Requirement: 0.025 (Annl Avg) ***** MGD

Comment:

Concentration

Reporting Data: Unit:

Permit Requirement: *****

Comment:

Monitoring/Analysis Information

Reporting Data: Frequency of Analysis: **1/CONTINUOUS** Sample Type: **METER** Excursion No.:

Permit Requirement: 1/CONTINUOUS METER

Comment:

Save Change **Next Parameter**



Flags Exceedances & Errors



= Exceedance



= Blank cell or character not allowed

1 Fill Summary Discharge Monitoring Report

General Information

Facility:	SIESTA KEY UTILITIES AUTHORITY	Monitoring Period:	08/01/2010 ~ 08/31/2010	Frequency:	MONTHLY
Permit Number:	FL0025755	Address:	P.O. DRAWER 40078	Location:	5200 OAKMONT PL
Permit Limit:	Interim		SARASOTA FL, 34242-0078	District:	SARASOTA FL, 34242
Permittee Name:	SIESTA KEY UTILITIES AUTHORITY, INC.	County:			
Report Group:	Domestic				

Monitoring Group: **D-001** No Discharge

- Flow (50050)
Mon. Site No: FLW-01 (Y)
- Flow (50050)
Mon. Site No: FLW-01 (1)
- BOD, Carbonaceous 5 day, 20C (80082)
Mon. Site No: EFD-01 (Y)
- BOD, Carbonaceous 5 day, 20C (80082)
Mon. Site No: EFD-01 (A)

Parameter: Flow (50050); Mon. Site No : FLW-01 (Y)

Quantity or Loading

Reporting Data:	<input type="text" value="4"/>	<input type="text" value="*****"/>	Unit	<input type="text" value="MGD"/>
Permit Requirement:	2.7 (Annl Avg)	*****	MGD	
Comment:	<input type="text"/>			

Concentration

Unit



Copy-n-Paste Function from Excel Spreadsheet

Permit Number	Facility Name	Report Frequency	Monitoring Period	Status	Due Date	Online Entry	XML	Excel	View Form
FL0000523	CF INDUSTRIES, INC - BARTOW CHEMICAL PLANT	MONTHLY	03/01/2010 - 03/31/2010	Open Report	04/28/2010				
								1 of 1	

FLA102318_MONTHLY_2010-8 - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Add-Ins

Clipboard Font Alignment Number Styles Cells Editing

B3 1

	A	B	C	D	E	F	G	H	I	J	K
1	Monitoring Group:"R-001"										
2		Quantity	Quantity	Quality	Quality	Quality	No. Ex.	Frequency	Sample Type		
3	Flow:"50050" (Y) Mon. Site No:FLW-01	1	*****	*****	*****	*****	1				
4	Flow:"50050" (1) Mon. Site No:FLW-01	1	*****	*****	*****	*****	1				
5	BOD, Carbonaceous 5 day, 20C:"80082" (Y) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
6	BOD, Carbonaceous 5 day, 20C:"80082" (1) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
7	Solids, Total Suspended:"00530" (Y) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
8	Solids, Total Suspended:"00530" (1) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
9	pH:"00400" (1) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
10	Coliform, Fecal:"74055" (Y) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
11	Coliform, Fecal:"74055" (1) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
12	Chlorine, Total Residual:"50060" (A) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
13	Percent Capacity, (TMADF/Permitted Capacity) x 100	*****	*****	1	*****	*****	1				
14	BOD, Carbonaceous 5 day, 20C:"80082" (G) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
15	Solids, Total Suspended:"00530" (G) Mon. Site No:EFF-01	*****	*****	1	*****	*****	1				
16											
17											

(Show/Hide Copy and Paste)

FILL FORM USING COPY AND PASTE:

*****	*****	1	*****	*****	1
*****	*****	1	*****	*****	1
*****	*****	1	*****	*****	1
*****	*****	1	*****	*****	1
*****	*****	1	*****	*****	1
*****	*****	1	*****	*****	1
*****	*****	1	*****	*****	1

Update data



Legal, Security, and Electronic Signature Functionalities

Pin

As the true and sole authorized user of this Personal Identification Number (PIN), I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties for submitting false information including the possibility of fine and imprisonment.

I acknowledge that I have read the certification statement

PIN:

Security Questions

Security Question 1:
where did you first meet your spouse?

Answer:

Exit

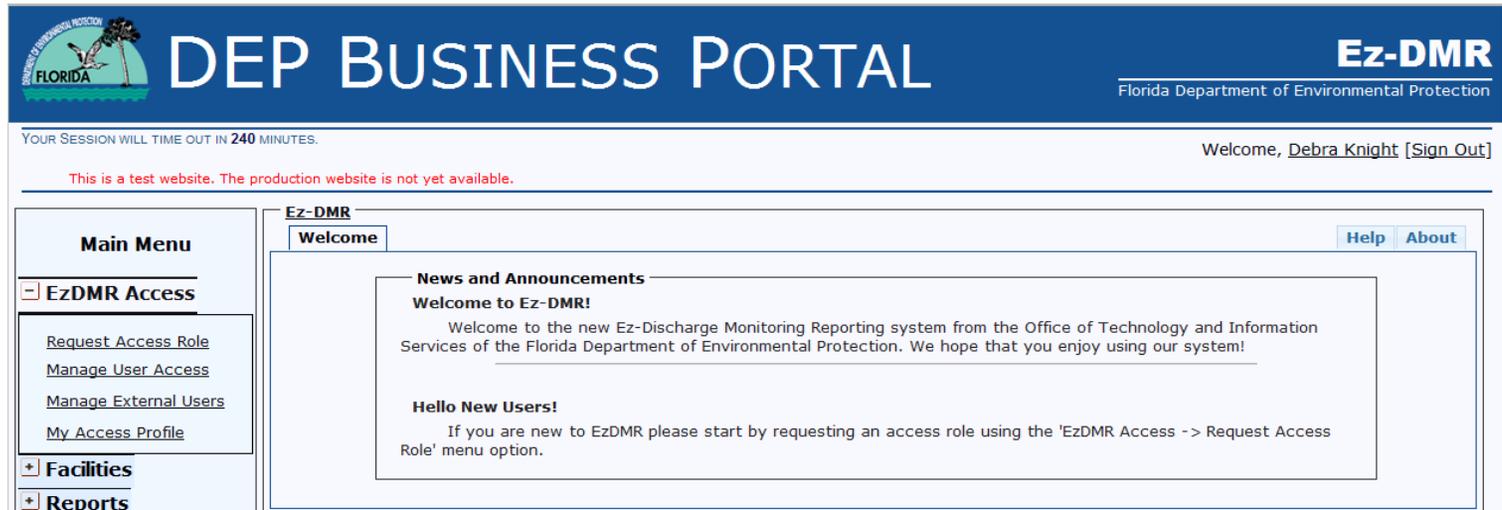
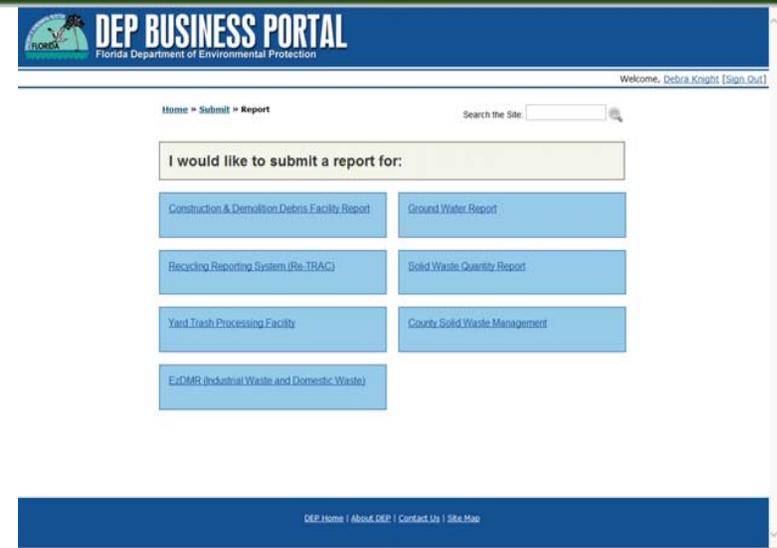
Back

Submit



EzDMR Now in Beta Testing

- Enter through the DEP Business Portal
- Sign in
- No Part B forms. Upload Part B as an attachment
- Planned to be released this summer





Easy Data Entry with EzDMR

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

PERMITTEE NAME: Volusia County Utilities Department
 ADDRESS: 123 W Indiana Ave
 Deland, FL 32720

FACILITY: VCUJ/Southwest Regional
 LOCATION: 800 Deberry Plantation Blvd
 Deberry, FL 32713

PA FILE NUMBER: FLA01120120W1
 PERMIT NUMBER: FLA011128
 LIMIT: FINAL REPORT: Monthly
 CLASS SIZE: "Major" GROUP: Domestic
 MONITORING GROUP: R-001
 DESCRIPTION: slow-rate public access, including Influent

COUNTY: VOLUSIA MONITORING PERIOD: From: 06/01/2014 To: 06/30/2014

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
	MIR				0		
	NODI FILL				FILL		
Flow	Sample Measurement						
PARM Code 50050 Y Mon. Site No. FLW-4	Permit Requirement	1.2 (Annl Avg)	MGD			Continuous	Recording Flow Meter with Totalizer
Flow	Sample Measurement						
PARM Code 50050 1 Mon. Site No. FLW-4	Permit Requirement	Report (Mo Avg)	MGD			Continuous	Recording Flow Meter with Totalizer
Flow	Sample Measurement						
PARM Code 50050 P Mon. Site No. FLW-7	Permit Requirement	Report (Annl Avg)	MGD			Continuous	Recording Flow Meter with Totalizer
Flow	Sample Measurement						
PARM Code 50050 Q Mon. Site No. FLW-7	Permit Requirement	Report (Mo Avg)	MGD			Continuous	Recording Flow Meter with Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement						
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement	20.0 (Annl Avg)	mg/L			Weekly	16-hr Flow Proportioned Composite
BOD, Carbonaceous 5 day, 20C	Sample Measurement						
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement	50.0 (Maximum) 45.0 (Wily Avg) 30.0 (Mo Avg)	mg/L			Weekly	16-hr Flow Proportioned Composite
Solids, Total	Sample						

EzDMR

Florida Department of Environmental Protection

Reporting

Fill Summary Discharge Monitoring Report

General Information

Facility: VCUJ/SOUTHWEST REGIONAL
 Permit Number: FLA011128
 Permit Limit: Final
 Permittee Name: VOLUSIA COUNTY UTILITIES
 Report Group: Domestic

Monitoring Period: 03/01/2014 - 03/31/2014
 Address: 123 W INDIANA AVE
 DELAND FL, 32720-4615
 County: Volusia
 District: DEBERRY FL

Frequency: MONTHLY/Final
 Location: 800 DEBERRY PLANTATION ROAD
 DEBERRY FL

Monitoring Group: R-001 No Discharge

Parameter: Flow (S050) Mon. Site No: FLW-4 (Y)

Quantity or Loading

Reporting Data: 0.779 MGD
 Permit Requirement: 1.39 (Annl Avg) MGD
 Comment: Annual Average

Concentration

Reporting Data: pH (00400) Mon. Site No: EFA-1 (I)
 Coliform, Fecal, % less than detection (S3005) Mon. Site No: EFA-1 (I)
 Coliform, Fecal (M455) Mon. Site No: EFA-1 (I)
 Chlorine, Total Residual (S0060) Mon. Site No: EFA-1 (A)
 Nitrogen, Total (00600) Mon. Site No: EFA-1 (A)
 Phosphorus, Total (as P) (00665) Mon. Site No: FLW-1 (P)
 Flow (S050) Mon. Site No: FLW-1 (Q)
 BOD, Carbonaceous 5 day, 20C

Monitoring/Analysis Information

Reporting Data: Frequency of Analysis: 1/CONTINUOUS Sample Type: TOTALZ Excursion No: 0
 Permit Requirement: 1/CONTINUOUS TOTALZ

Save Change Next Parameter

Current eDMR



Ez DMR cvs file

FOR INTER FACILITY ID	REP FREQ	REP PART	MON GRO	MON SITE	PARAM CD	PARAM DE	PCS CODE	STAT BASE	STAT BASE	UOM	MEASURED VALUE
##### R-001 #####											
##### 50050 - Flow #####											
{FLA01112	FLA011128	MO	A	R-001	FLW-4	50050	Flow	Y	AB	Annl Avg	MGD
{FLA01112	FLA011128	MO	A	R-001	FLW-4	50050	Flow	Y		exceedan	count
##### 50050 - Flow #####											
{FLA01112	FLA011128	MO	A	R-001	FLW-4	50050	Flow	1	MK	Mo Avg	MGD
{FLA01112	FLA011128	MO	A	R-001	FLW-4	50050	Flow	1		exceedan	count
##### 50050 - Flow #####											
{FLA01112	FLA011128	MO	A	R-001	FLW-7	50050	Flow	P	AB	Annl Avg	MGD
{FLA01112	FLA011128	MO	A	R-001	FLW-7	50050	Flow	P		exceedan	count
##### 50050 - Flow #####											
{FLA01112	FLA011128	MO	A	R-001	FLW-7	50050	Flow	Q	MK	Mo Avg	MGD
{FLA01112	FLA011128	MO	A	R-001	FLW-7	50050	Flow	Q		exceedan	count
##### 80082 - BOD, Carbonaceous 5 day, 20C #####											
{FLA01112	FLA011128	MO	A	R-001	EFA-1	80082	BOD, Carb	Y	AB	Annl Avg	mg/L
{FLA01112	FLA011128	MO	A	R-001	EFA-1	80082	BOD, Carb	Y		exceedan	count
##### 80082 - BOD, Carbonaceous 5 day, 20C #####											
{FLA01112	FLA011128	MO	A	R-001	EFA-1	80082	BOD, Carb	A	MB	Maximum	mg/L
{FLA01112	FLA011128	MO	A	R-001	EFA-1	80082	BOD, Carb	A	WA	Wkly Avg	mg/L
{FLA01112	FLA011128	MO	A	R-001	EFA-1	80082	BOD, Carb	A	MK	Mo Avg	mg/L
{FLA01112	FLA011128	MO	A	R-001	EFA-1	80082	BOD, Carb	A		exceedan	count



Hard Copy Printed Forms

The screenshot displays the EzDMR software interface. On the left, a browser window shows the report URL: <http://webappsbeta.dep.state.fl.us/DepEzDMR/reports/view/pdf/reportId=1317>. The main window shows a Microsoft Word document titled "Deltona Lakes WWTF DMR [Compatibility Mode] - Word".

The document content is a "GROUND WATER MONITORING WELL REPORT - PART D".

Facility Information:

- County: Volusia County
- Facility Name: Deltona Lakes WWTF
- Permit Number: FLA111724 GMS# 3064P0043
- Permit Builder MW ID: MWB-7524
- Well Type: Background
- Description: Facility Well Name MW-1 Deltona Hills GC WAFR # 7524 GMS# 3064A15866

Monitoring Period: From 07/01/2014 To 09/30/2014

Table 1: Parameter Monitoring Data

Parameter	PARAM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report (Maximum)	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report (Maximum)	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report (Maximum)	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report (Maximum)	mg/L	Grab	Quarterly				
Coldform, Fecal	74055		Report (Maximum)	#/100mL	Grab	Quarterly				
pH	00400		Report (Maximum)	s.k.	Grab	Quarterly				
Turbidity	00070		Report (Maximum)	NTU	Grab	Quarterly				

Table 2: Compliance and Detection Limits

Parameter	Permit Builder PARAM Code	Sample Measurement (Analysis Results)	Units	Compliance Limit	Detection Limits	Analysis Method	Monitoring Frequency	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to Feet, NGVD	82545		Feet	Report			Quarterly		
Nitrate (as N)	00620		mg/L	Report			Quarterly		
Solids, Total Dissolved (TDS)	70295		mg/L	Report			Quarterly		
Chloride (as Cl)	00940		mg/L	Report			Quarterly		
Coldform, Fecal	74055		#/100mL	Report			Quarterly		
pH	00400		SIU	Report			Quarterly		
Turbidity, Lab, Ntu	82079		NTU	Report			Quarterly		

Signature Section:

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____
 TELEPHONE NO: 407-897-4171
 DATE: 04/24/2014

Comments and Explanation: (Reference all attachments here):

DEP Form 62-610 (9/10/10), Effective November 29, 1994

EzDMR

DMR form from the Permit



The first step to get eDMR / EzDMR

For additional information, please contact:

<http://www.fldepportal.com/go/>

**Florida Department of Environmental Protection
Wastewater Compliance Evaluation Section
2600 Blair Stone Road, MS 3550**

EzDMRAdmin@dep.state.fl.us

(850) 245-8567

Florida Department of Environmental Protection



Central District

Reporting Incidents and Boil Water Notices

Shelley Locklear

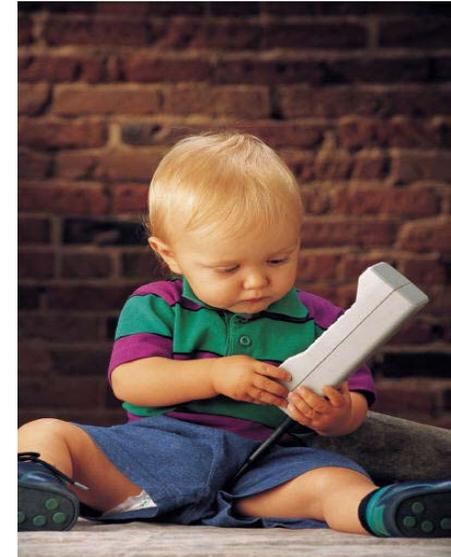
May 28, 2014





Notification Requirements

- Notify DEP by noon of the next business day when:
 - Any abnormal color, odor, or taste occurs in a public water system's raw or finished water;
 - The failure to comply with applicable disinfection requirements occurs:
 - Free = 0.2 mg/L,
 - When utilizing chloramines = 0.6 mg/L combined





Notification Requirements, Cont.

- Breakdown of any water treatment or pumping facilities, or the break of any water main, ***only if*** the breakdown or break is expected
 - Adversely affect finished-water quality;
 - Interrupt water service to **150 or more service connections or 350 or more people**;
 - Interrupt water service to any one service connection for **more than eight hours**; or
 - Necessitate the issuance of a **precautionary "boil water" notice** in accordance with the [Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices"](#)





What is a Water Main?

- “Water Main” –
 - Any main, including treatment plant process piping, conveying either raw, partially treated, or finished drinking water; fire hydrant leads; and service lines that are under the control of a PWS and that have a diameter of 3” or greater.





State Watch Office

Any actual or suspected sabotage or security breach, or any suspicious incident:

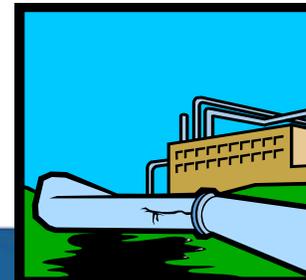
- Notify State Watch Office at 1-800-320-0519 immediately (i.e., within two hours) after discovery of involving a public water system
- Please notify the Department and County Health Department - as well





When to Issue BWN

- Zero or Negative Pressure
 - If pressure in any part of the distribution system has been reduced to zero, or a negative pressure:
 - Unless it is due to an isolated water main break and the system can demonstrate that the integrity of the water system has been maintained.
- Low Water Pressure
 - Water pressure falling below 20 psi **may not** need a BWN unless there are aggravating factors:
 - Multi-story buildings not adequately protected against backflow
 - A historical record of inadequate disinfectant maintenance in the water distribution system
 - Analytical records indicate recurring microbiological or turbidity problems
 - No approved cross-connection control program.





When to Issue BWN, Cont.

- The decision would be made on a case-by-case basis and based upon professional judgment
 - Review of all available data:
 - The extent of the problem such as type of facilities affected,
 - Duration of the low pressure condition,
 - Possibility of infiltration into the potable water system.
- A boil water notice is required
 - If the water pressure falls below 20 psi and affects critical use facilities such as: schools, child day care establishments, assisted living facilities, nursing homes, dialysis centers, hospitals or other health care centers, or food establishments.





When to Issue BWN, Cont.

- Water Main Breaks/Interruptions

- Must be issued if deemed an imminent public health threat, or will affect the bacteriological quality of the drinking water - unless the public water system can demonstrate that the integrity of the water system has been maintained.
- Water mains repaired with a clamping device while remaining full of pressurized water would **not** require the issuance of a precautionary boil water notice.



- Flooding of Wells

- Should be issued in all cases where a water supply well has been inundated with surface water.



Best Management Practices

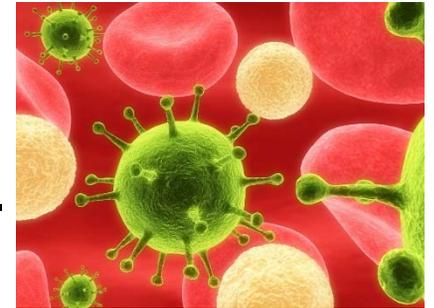
- Would not need to issue BWN if these requirements are met:
 - [Best Management Practices](#)
- The Department would want assurance from the water system that the integrity of the system has been maintained:
 - A positive pressure has resulted in a continuous outflow of water prior to the repair
 - That best management practices have been used during the repair, and
 - That no non-potable water, soil or other potentially contaminated material has entered, or may enter the broken water main during the repair





Bacteriological Collection

- Low or Zero Water Pressure
 - Collect immediately within the area affected at several locations for two consecutive days.
- Water Main Breaks
 - Even in cases where a BWN is not issued, the affected water main should be repaired, flushed, disinfected, sampled, and monitored for chlorine residual according to ANSI/AWWA Standard C651, as soon as possible.
 - One bacteriological sample should be collected on each side of the repair area for two consecutive days.

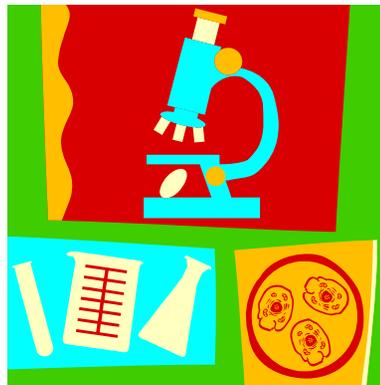




Bact Collection, Cont.

- **Clearance for treatment or storage facilities and water mains**

- After reducing the total chlorine residual in the facilities or mains to no more than four milligrams per liter, a total of at least two samples -- each taken on a separate day and taken at least six hours apart from the other sample(s)





Bact Collection, Cont.

Placing well back into service after repairs:

- If casing is modified (well is altered), must disinfect and take 10 sample survey before placing back into service.
- If well is not altered (anything to do with casing), then do a 2 day evaluation before placing into service.
 - Two consecutive days at least 6 hours apart
 - If the plant meets 4 log and their compliance monitoring is complete, then do not have to wait for clear results

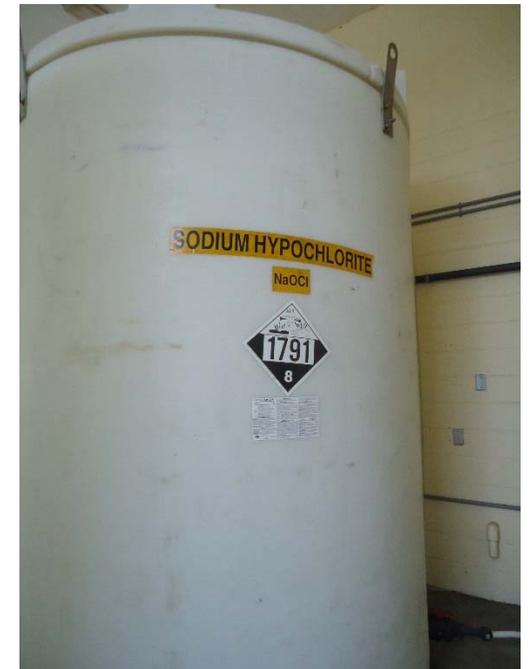




Disinfection

- Wells shall be disinfected in accordance with American Water Works Association (AWWA) Standard C654
- Treatment or Storage Facilities, Water Mains shall be disinfected in accordance with AWWA Standard C651, C652, C653

» See link at end of presentation





Rescission of BWNs

- Two consecutive days of satisfactory water quality analyses are required prior to rescinding the boil water notice.



- Boil Water Notices may be lifted after receipt of one day of satisfactory results. However, if the second day's results are positive the BWN must be re-issued.



Issuing the Notices

- Contact the media (TV, radio, newspaper) and/or issue door hangers or flyers if a small residential area is affected.



- Reverse 911 and message boards are also encouraged.
- Example notices are included in the DOH Guidelines.



Submittal of Documentation

- Incident Report not required
 - Email or phone call is adequate
- Submit BWN with notification if possible, or as soon as you can
- Submit Bact's and Rescission notice together, if possible





Questions/Comments?



Thank you!





Links

- [Best Management Practices](#)

- <http://www.floridahealth.gov/healthy-environments/drinking-water/attachc.pdf>

- [DOH Guidelines and Templates](#)

- <http://www.floridahealth.gov/healthy-environments/drinking-water/Flooded-wells.html>

- [Disinfection of Wells and Mains](#)

- <http://www.awwa.org/>



- [DEP Website](#)

- <http://www.dep.state.fl.us/central/Home/DrinkingWater/Reporting/Boil/BoilWater.htm>



Rule References

- Florida Statute 62-555.340 – water mains
- 62-555.350(10)(a) and (b) – notification
- 62-555.350(10)
- 62-555.350(10)(e) – report on MORs
- 62-555.340(2)(a) – clearance of treatment or storage facilities, water mains
- 62-555.315(6)(a-c) and (e) – well clearance





Contact

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Central District
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Florida Department of Environmental Protection



Central District

Stage 2 DBP Monitoring Requirements

Debby Valin
May 28, 2014





What Systems are Affected?

- All Community & NTNC systems will be required to monitor for TTHMs/HAA5s:
 - Under Stage 2 D/DBP Rules during this period – whether they are already testing quarterly or starting this year.
- *Stage 1 testing has ended.*
- Schedule 4 systems (except for those already testing quarterly), and a few Schedule 3 systems on reduced monitoring:
 - Are required to prepare a Stage 2 D/DBP Monitoring Plan and
 - Start Stage 2 sampling during July-September 2014.



Schedule 3 Systems

- Schedule 3 systems
 - Community and NTNC systems serving 10,000 - 49,999 persons
 - Not connected to any C or NTNC serving less than 50,000 persons
 - Most all are already testing quarterly with plans
 - Only a few on reduced monitoring (annual) begin testing July – Sept. 2014



Schedule 4 Systems

- Schedule 4 systems
 - All Community and NTNC systems serving less than 10,000 persons
 - Not connected to any C or NTNCs serving 10,000 or more persons
- Most will test for the first time under Stage 2 Rules during July – Sept. 2014
 - Only a few are testing quarterly (due to past exceedances)



Stage 2 Requirements

- **These Systems must:**
 - Select Monitoring Sites
 - Complete Monitoring Plan
 - Submit Plan copy (*optional but recommended*) to the Central District before sampling – **May 31st is requested**
 - Stop Monitoring under Stage 1
- Start Monitoring under Stage 2



System Help

Consult the system Monitoring Schedule and Monitoring Plan form at:

dep.state.fl.us/central/Home/DrinkingWater/InHouseCompliance/MonitoringSchedules



District & FRWA Contacts

- Contact Barbara Browning for help in these counties:
 - Brevard
 - Orange
 - Osceola
 - Seminole
 - Sumter
 - **407-897-4142**
- Contact Andrea Aviles for help in these counties:
 - Lake
 - Marion
 - **407-897-4141**
- David Hanna, FRWA, is also available to assist you:
 - **850-668-2746**



Questions





*Florida Department of
Environmental Protection*

Proposed Changes to DEP SOPs

Standards and Assessment Section

September 6, 2012



Summary of SOP changes

Posted at <http://www.dep.state.fl.us/water/sas/qa/62-160-drafts.htm>

- Refer to FS 2300 for Water Field SOPs
- Refer to FS 2400 for WW SOPs





Field Cleaning

- FC 1002 Analyte-Free Water Storage
 - Removes specific three day limitation on storage of analyte-free water for field blanks. Recommends that analyte-free water be stored for minimal amount of time. Demonstrate effectiveness with clean blanks.



General Sampling Edits

- FD 1000 Appendix
 - FD 1100 Field Documentation and records retention:
 - Original and Manipulated data definitions
 - Electronic records are acceptable for documentation
 - Electronic and written records are equal
 - Florida Statutes and F.A.C. applicable to government
 - FD 1100 Field Documentation
 - Pencil use is allowed in certain cases
 - Make copies of original pencil records to preserve data





Trip Blanks

- FQ 1213 Trip Blanks
 - One trip blank may be used for multiple samples and sites transported in the same ice chest, provided that all samples and the trip blank are analyzed at the same lab. *Additionally, trip blanks and associated samples must be analyzed using the same method.*



General Sampling Edits, cont'd

- FS 1000 table 1000-4

Refer to 40 CFR Part 136 Tables (F.R., May 18, 2012):

- Method updates (Table I)
- Holding times (Table II)





General Sampling Edits, cont'd

- FS 1000 table 1000-4
 - Reference Table 1A and 1H Bacterial tests:
 - Maximum Hold time for Coliform, Total, Fecal, E coli, Fecal streptococci, Enterococci, and Salmonella
 - Hold time changed from 6 to 8 hours
 - Endnote added regarding sample analysis to begin as soon as possible after receipt
 - Sample incubation must be started no later than 8 hours from time of collection.



Field Testing

- FT 1000 Field Meter Verification
 - Clarifies reading of secondary standards for verification of turbidity or chlorine.
 - From Section 2.2.6:

Read each secondary standard as a sample. **Compare the assigned or stated standard value with the reading. This reading must be within the manufacturer's stated tolerance range and the acceptance criterion required in the individual FT-series SOP. If the SOP criterion is not met, assign this reading as the new value of the secondary standard.** ~~This result must be within the manufacturer's stated tolerance range and +/- 10% of the stated standard value. If the +/- 10% criterion is not met, assign this reading as the value of the standard.~~ If the reading is outside the manufacturer's stated tolerance range, discard the secondary standard.

