

e-DMR...The Future of Reporting !

May 28, 2008

Ohio EPA Compliance Assistance Conference

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Ohio EPA, Division of Surface Water



Today's Agenda

- Overview of:
 - NEW Ohio EPA eBusiness Center
 - NEW DSW eDMR System
 - e-DMR Website
 - e-DMR Documentation

enfoTech

e²Reporting

Secure Environmental Reporting Made Easy

The Project

enfoTech & Consulting Inc. – New Jersey

- ★ Software Development Consultants
- ★ Focus on Environmental Applications
- ★ E2 Reporting Software
- ★ Worked w/many states & countries

enfoTech

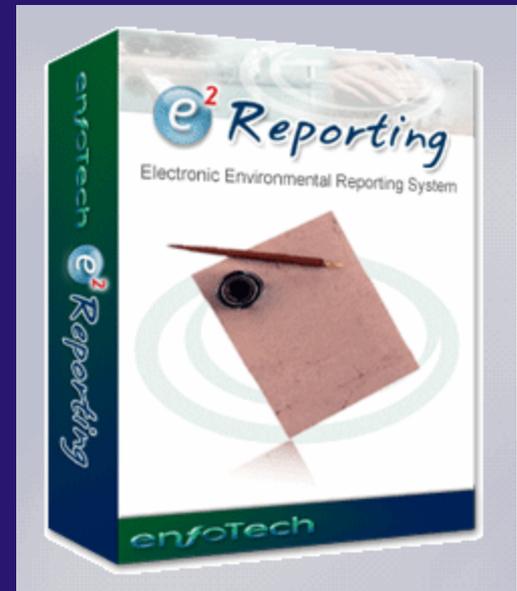
e²Reporting

Secure Environmental Reporting Made Easy

e-Discharge Monitoring Reports (e-DMR)

Web-Based Application

- Initial planning – 8/05
- Starting development - 2006
- Internal testing #1 – 1/07
- External testing #1 ~ 5/07
- Official rollout ~ 11/07
- MORs first (e2 Reporting - eDMR)
 - Permit renewal applications later...
- SWIMware 2.0 retired* ~ Mid/Late 2008



e-DMR = Online

The Process

- ★ Go to OEPA eBusiness Center
- ★ Log on, enter Password
- ★ Think of it like online banking
- ★ Click “Division of Surface Water”
- ★ Select desired service (i.e., e-DMR)
 - ★ View monthly req’s & facility info
 - ★ Create or amend e-DMRs, etc.



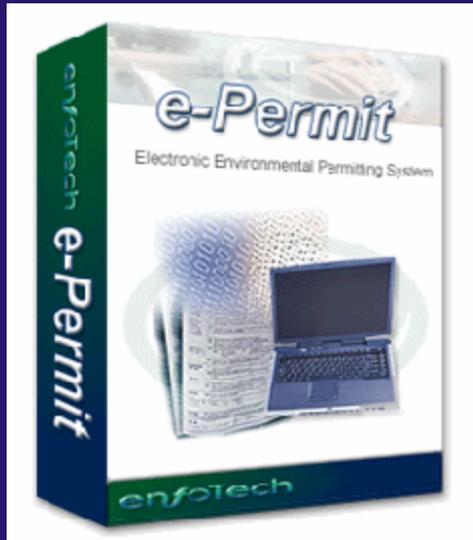
No more MORs!

The Features

- ★ No software / nothing to install
- ★ No facility / permit setup
- ★ No mailing hard copies / no emails
- ★ Can hand enter data
- ★ Can copy & paste from Excel
- ★ Can import XML feature
- ★ Multiple levels of PIN's
- ★ Numerous validations

Future Online Goals

Future Online Goals



One-Stop Source for Online Permitting

- ★ NPDES Permitting
- ★ Volunteer Monitoring Program
- ★ Other DSW forms

Ohio EPA Login

Create New Account

Don't have an account? Click the link below to create a new account.

[Create New Account...](#)

System Support

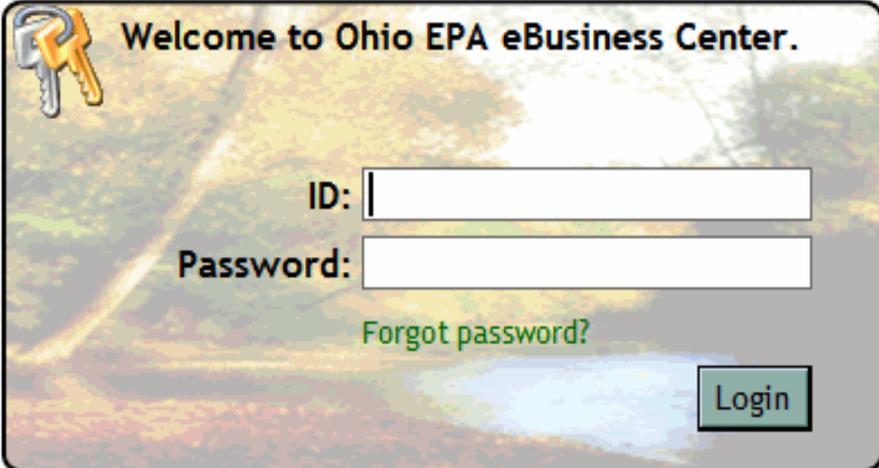
Do you need assistance or have questions about the Ohio EPA eBusiness Center?

Phone: 614-644-3011

Hours of live support: 8:00 AM - 5:00 PM weekdays, except State [holidays](#).

Are you new to the eBusiness Center?

[Click here for online help...](#)

The login form is set against a background image of a forest path leading to a lake. It features a key icon in the top left corner. The text "Welcome to Ohio EPA eBusiness Center." is displayed at the top. Below this, there are two input fields: "ID:" and "Password:". A green link "Forgot password?" is positioned below the password field. A "Login" button is located in the bottom right corner of the form area.

Welcome to Ohio EPA eBusiness Center.

ID:

Password:

[Forgot password?](#)

My Account ▶

Apply for... ▶

Report ▶

Training / Registration ▶



Welcome to the Ohio EPA eBusiness Center

**Need Help?**Click this box
for assistance.

Air

Surface Water ▶

eDMR NPDES

Drinking Water ▶

Hazardous Waste

Solid/Infectious Waste ▶

	Status	Created
DAILY DMR Report: Report ID=552	Active	11/26/2007
DAILY DMR Report: Report ID=553	Active	11/26/2007

My Facilities

Name
Reliant Energy Niles Power Plant *
Bryan WWTP
Liberty Center WWTP
PTC Alliance
Zanesville WWTP
Elyria WWTP
Jamestown STP
Buckeye Lake WWTP

Discharge Monitoring  Create New Reports Edit an Open Report Submittals/RevisionsLaboratory Water System Admin Tools My Account 

• Welcome to the Environmental Electronic (E2) Reporting System!

The E2 system allows facilities regulated by the Ohio EPA *Division of Surface Water (DSW)* and *Division of Drinking and Ground Water (DDGW)* to submit reports electronically.

The Electronic Environmental Reporting System is comprised of two modules:

e-DMR - Discharge Monitoring Reports - for Surface Water (NPDES) permits - individual, general, and indirect discharge

e-DWR - Drinking Water Reports - for Drinking Water Analysis and Monthly Operating reports

• e-DMR

The e-DMR module allows users to create and submit the following Discharge Monitoring Reports (DMRs) *formerly referred to as Monthly Operating Reports (MORs)*:

4500 form - required for individual and general permits

4519 form - required for indirect discharge permits

CSO/SSO form - required for some individual permits

The e-DMR module allows DMRs to be completed and submitted in three formats:

On-line - Enter data manually in an online DMR form.

Spreadsheet - Download a DMR template, enter data on your on your PC, then cut & paste into e-DMR.

XML - For advanced users. Download XML template, populate data using your data system, then upload to e-DMR.

For additional information and operating instructions:

Click on Help (above left), or click [here](#) to view the e-DMR web page.

Discharge Monitoring



Create New Reports

Edit an Open Report

Submittals/Revisions

Laboratory



Water System



Admin Tools



My Account

Monitoring Period Start Date: End Date: Report Due Date From: To:

GO

CSO/SSO Report - Click below to create a report for CSO/SSO and other monitoring stations which are not listed in the 4500 form.

[CSO/SSO Online Entry](#)
[CSO/SSO XML Import](#)

Records: 1 - 10 of 15

1 2

Permit Number	Facility Name	Report Type	Report Frequency	Report Date	Status	Due Date	Online Entry	XML	Excel
2PD00018*LD	Bryan WWTP	4500	Monthly	10/01/2007 - 10/31/2007	NEW	11/20/2007			
3IB00007*KD	Orion Power Midwest LP Niles Plant *	4500	Monthly	10/01/2007 - 10/31/2007	NEW	11/20/2007			
3PD00034*JD	Elyria WWTP	4500	Monthly	10/01/2007 - 10/31/2007	NEW	11/20/2007			
2PD00018*LD	Bryan WWTP	4500	Monthly	11/01/2007 - 11/30/2007	NEW	12/20/2007			

	A	B	C	D	E	F	G	H	I	J	K
1	Ohio EPA - Form 4500 - Data Entry Spreadsheet	Help									
2	Facility:	Zanesville WWTP									
3	Permit:	0PE00000*ND									
4	Monitoring Period:	Oct-07									
5	Station Code:	001									
6		00010		00045		00300		50050		50060	
7		Water Temperature		Total Precipitation		Dissolved Oxygen		Flow Rate		Chlorine, Total Residual	
8		C		INCHES		mg/l		MGD		mg/l	
9		1/Day		1/Day		1/Day		1/Day		1/Day	
10		Continuous		24hr Total		Multiple Grab		Continuous		Multiple Grab	
11	Date	Measurement	Comment	Measurement	Comment	Measurement	Comment	Measurement	Comment	Measurement	Comment
12	10/01/2007										
13	10/02/2007										
14	10/03/2007										
15	10/04/2007										
16	10/05/2007										
17	10/06/2007										
18	10/07/2007										
19	10/08/2007										
20	10/09/2007										
21	10/10/2007										
22	10/11/2007										
23	10/12/2007										
24	10/13/2007										
25	10/14/2007										
26	10/15/2007										
27	10/16/2007										
28	10/17/2007										

Discharge Monitoring

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General Information

MONITORING POINT:

MONITORING PERIOD: 01/01/2008 - 01/31/2008

FACILITY NAME: Elyria WWTP

COUNTY: Lorain

REPORTING LAB:

NO DISCHARGE

PERMIT NUMBER: 3PD00034*JD

DISTRICT: NEDO

LOCATION: 1194 Gulf Rd
OH, 44035

ANALYST:

Sample Data

Add Parameter View A Codes Copy and Paste

Param Name:	Water Temperature	Dissolved Oxygen	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Flow R
Param Code:	00010	00300	00530	00610	5005
Units:	C	mg/l	mg/l	mg/l	MGI
Frequency:	1/Day	1/Day	1/Day	1/Day	1/Da
Sample Type:	Continuous	Continuous	Composite	Composite	Continu
01/01/2008	<input type="text" value="AD"/>	<input type="text" value="11.8"/>	<input type="text" value="2"/>	<input type="text" value="AA 0.02"/>	<input type="text" value="6.735"/>
01/02/2008	<input type="text" value="AD"/>	<input type="text" value="12.2"/>	<input type="text" value="2"/>	<input type="text" value="AA 0.02"/>	<input type="text" value="6.496"/>
01/03/2008	<input type="text" value="AD"/>	<input type="text" value="12.4"/>	<input type="text" value="4"/>	<input type="text" value="AA 0.02"/>	<input type="text" value="6.274"/>

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MONITORING PERIOD: 01/01/2008 - 01/31/2008

FACILITY NAME: Elyria WWTP

COUNTY: Lorain

PERMIT NUMBER: 3PD00034*JD

DISTRICT: NEDO

LOCATION: 1194 Gulf Rd

REPORT

Sample

VIEW A CODES

VIEW A CODES:

Value	Description
AA	Below Detectable Limit: Use this code when the quantitative analysis for a substance is done according to an approved analytical method and either does not detect the substance or detects it at a level below the minimum detection level (MDL). Enter the MDL value after the AA code separated by a single space (ex. AA 5.0). No comment is required.
AB	Analytical Data Lost: Use this code when the analytical data for a sample has been lost. This applies only to recorded data (e.g. paper records, data disks, etc.). This code is not to be used when a sample is lost. In such a case, the sample would be considered not to have been taken. The circumstances causing the use of this code should be explained in a Specific Comment on the first date of occurrence for each parameter.
AC	Plant Not Discharging: Use this code when no wastewater was discharged on that date thereby precluding the collection of samples. Enter this code for all

Param

Param

Freq

Sample

01/01/2008

01/02/2008

01/03/2008

01/04/2008

01/05/2008

01/06/2008

AD

12.4

4

AA 0.02

6.274

AD

12.0

AN

AN

6.534

AD

12.0

AN

AN

8.531

AD

11.8

1

AA 0.02

8.354

S. Baytos

Prev 1 2 3

Flow R

5005

MGI

1/Da

Contin

6.735

6.496

6.274

6.534

8.531

8.354

Discharge Monitoring  Create New Reports Edit an Open Report Submittals/RevisionsLaboratory Water System Admin Tools My Account 

01/06/2008	AD		11.8	1	AA 0.02	8.354
01/07/2008	13		11.9	2	AA 0.02	7.645
01/08/2008	13		8.2	AE	AE	21.331
01/09/2008	10		8.8	6	AA 0.02	18.430
01/10/2008	11		10.0	4	0.61	12.114
01/11/2008	11		12.2	AN	AN	9.788
01/12/2008	11		11.9	AN	AN	8.178

ADD SPECIFIC COMMENTS AND EXPLANATION:

COLUMN ROW

Add/Save Comment

Remove Comment

Exit

Save Result

Continue

Discharge Monitoring

Create New Reports

Edit an Open Report

Submittals/Revisions

• [Discharge Monitoring](#) > [Create New Reports](#) > [Online Entry](#) > [Form 4500](#) > [Comments](#)

Enter general report comments and explanations in the space provided.

- 1 Fill Form
- 2 Attachment
- 3 Review
- 4 Submit

General Information

MONITORING PERIOD: 10/01/2007 - 10/31/2007

PERMIT NAME: American Municipal Power Ohio RH Gorsuch Station

COUNTY: Washington

MAILING ADDRESS:

PERMIT NUMBER: 01B00026*CD

DISTRICT: SEDO

LOCATION: State Rte 7 S

OH, 45750

General Comments

GENERAL REPORT COMMENTS AND EXPLANATION:

Discharge Monitoring

Create New Reports

Edit an Open Report

Submittals/Revisions

• [Discharge Monitoring](#) > [Create New Reports](#) > [Online Entry](#) > [Attachments](#)

Attach supplemental files to the completed form.

- 1 Fill Form
- 2 Attachment
- 3 Review
- 4 Submit

Attachment Information

File:

Browse

Description of the file:

Add File

Selected Attachment Files:



No records found!

Discharge Monitoring

Create New Reports

Edit an Open Report

Submittals/Revisions

• Discharge Monitoring > Create New Report > Online Entry > Report Review

Review the DMR report prior to certifying the results and submission.

- 1 Fill Form
- 2 Attachment
- 3 **Review**
- 4 Submit

Report Summary

Monthly Discharge Report:

View Report

Facility Name:

American Municipal Power Ohio RH Gorsuch Station

Permit Number:

01B00026*CD

Report Frequency:

Monthly

Report Period:

10/01/2007 - 10/31/2007

Data Validation Summary

Data Validation: No error was found.

Discharge Monitoring

Create New Reports

Edit an Open Report

Submittals/Revisions

- Discharge Monitoring > Create New Report > Online Entry > Report Submission

Before submission, the report must be certified.

- 1 Fill Form
- 2 Attachment
- 3 Review
- 4 **Submit**

Incorrect PIN Number! Please try again.

I certify under the 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 penalties for submitting false information, including the possibility of fine and imprisonment.

I acknowledge that I have read the certification statement

PIN:

Exit

Back

Submit



eBusiness Center

Show Menu - My Profile

Current Account: bsmith

Home Help

Discharge Monitoring

Create New Reports

Edit an Open Report

Submittals/Revisions

• Discharge Monitoring > Submittals/Revisions > View Submissions > View Detail > View Receipt

Confirmation of submission receipt

Submission Successful! Please go to 'Submittals/Revision' or 'View Submission' page to check the submission status later.

Submission ID: 158

Certifier's Name: James Roberts

Certifier's TCP/IP address: 172.16.8.102

Date and time file was sent: 10/24/2007 14:09:52 (Based on local server time)

Date and time file was received: 10/24/2007 14:09:52 (Based on local server time)

Date and time acknowledgement was sent: 10/24/2007 14:09:52 (Based on local server time)

Technical Support

- e-DMR Website

<http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html>

- e-DMR All-in-One

- E-DMR Graphical Walkthrough

- Call or e-mail Administrator



e-DMR Training

- ★ Many 3-hr sessions – 3.0 Contact Hours!
- ★ Started in late October 2007
- ★ At all OEPA district office locations
- ★ Every 4-6 months thereafter
- ★ Mid May – 2nd Round of statewide training
- ★ Mid October – 3rd Round of statewide training
- ★ Current Dates/Locations on web!

Contact Information

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