



eSMR Discharger Training

Presenters: Rassam Zarghami & Allysen Calalang
June 24, 2026

CIWQS Account

- Online registration
 - <https://ciwqs.waterboards.ca.gov/>
 - Select Account Type
 - Provide Order Number found in permit

California Integrated Water Quality System (CIWQS)

User ID:

Password:

Forgot your password? [Reset your password here](#)

Forgot your User ID? [Get your User ID here](#)

Account Types

CIWQS Account Types:

- Data Submitter
 - Can enter data into CIWQS
 - Account is approved by LRO
- Legally Responsible Official (LRO)
 - Can enter data, certify and submit reports
 - Comply with signatory requirements contained in the permit
 - Account is approved once authorization form with original wet signature is received by State Water Board

Account Administration

- View/Change My Personal Information
 - Update Password, Security Questions, Contact information
 - View associated facilities
- Upgrade Account or Request Additional Facility
- Pending Registrations of Data Submitters*
 - Only available to LROs
 - Activate Data Submitters
- Manage Active Data Submitters*
 - Only available to LROs
 - View or deactivate active Data Submitters

Main Menu

- [Submit/Review SMR or DMR Reports](#)
- [Run Reports](#)
- [Sanitary Sewer Systems](#)
- **Administer System**
 - [View/Change My Personal Information](#)
 - [Upgrade Account or Request Additional Facility](#)
 - [Pending Registrations of Data Submitters](#)
 - [Manage Active Data Submitters](#)

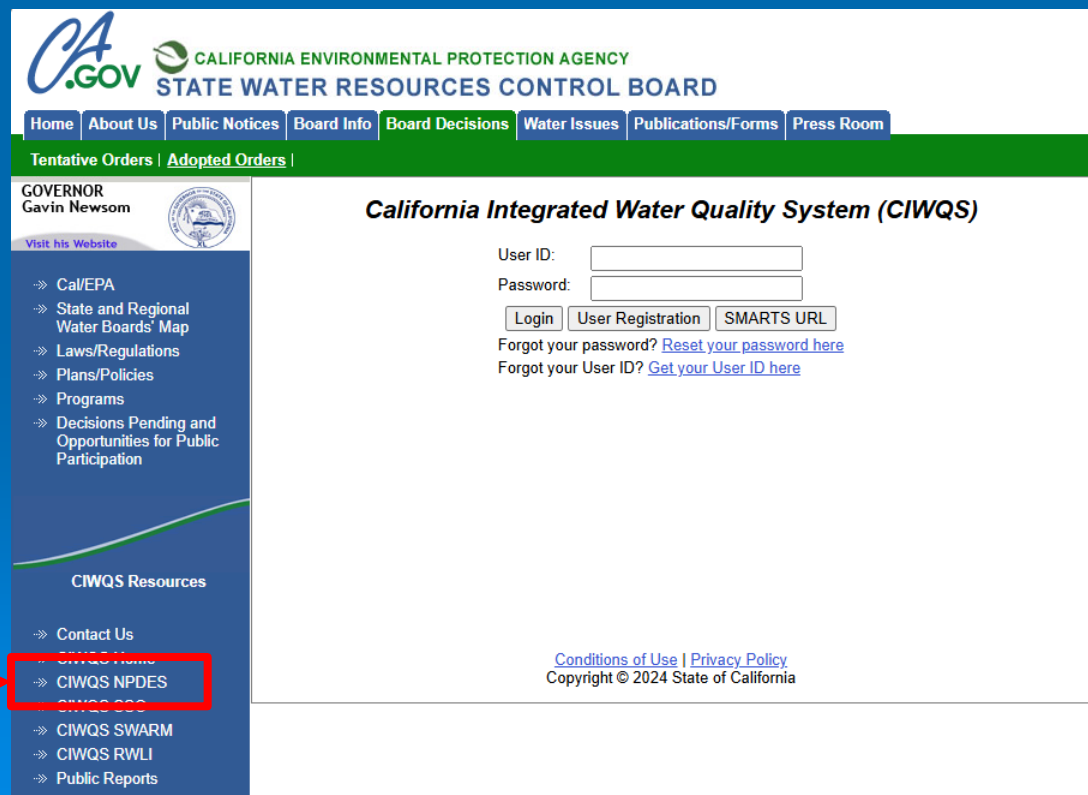
WBKey

- Scheduled implementation in 2027
- Single sign on platform
 - Access multiple applications with single set of login credentials
- Multi-Factor Authentication

<https://www2.waterboards.ca.gov/wbkey/>

How to get Data in

- Resources you can find online
 - <https://ciwqs.waterboards.ca.gov/>



CA.GOV CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

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Gavin Newsom

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- Laws/Regulations
- Plans/Policies
- Programs
- Decisions Pending and Opportunities for Public Participation

CIWQS Resources

- Contact Us
- **CIWQS NPDES**
- CIWQS SWARM
- CIWQS RWLI
- Public Reports

California Integrated Water Quality System (CIWQS)

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Password:

Login User Registration SMARTS URL

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California Integrated Water Quality System Project (CIWQS)

CIWQS HELP CENTER – NPDES

Support for the National Pollutant Discharge Elimination System

Questions or Comments about NPDES?

- Please email the [CIWQS Help Center](#) or phone 866-79-CIWQS (24977)

- **Frequently Asked Questions**

- The most common questions we hear and their answers.
- Where do I submit DMRs?
- Guidance on entering monitoring results.
- How to enter values near the detection limit.

- **Registration Forms**

- Legally Responsible Official
- Data Submitter

- **Presentations and Helpful Information**

- Workshop Presentation - The presentation given in our training class
- User Guide - User guide for the web portion of your submittal
- Submittal Checklist - Bulleted list of steps to help you through your first couple submittals
- Common Errors - A list of the most common errors that you may receive when uploading a CDF, EDF, or PET export file and how to resolve them
- Business Rules - Several guidelines on how to enter information
- User Group webpage - Find out the latest progress in eSMR development

- **PET Tool / CIWQS Data Format Installer**

- [Start Here](#) - Introduction / Installer / Updated Version / LIMS"
- [Data Types](#) - Guidelines on how Data Types should be used in the Permittee Entry Template (PET) Tool
- [ND/DNQ](#) - Guidelines on how to enter values near the detection limit

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California Integrated Water Quality System Project (CIWQS)

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eSMR Overview

Topics

- Overview of eSMR²
- Demo of eSMR²
- Discuss Potential Permit Questions/Issues

eSMR² is ..

- A module of CIWQS that allows online submission of self monitoring reports by Dischargers.
- Dischargers enter in self determined violations
- Receives, stores, and exports the data in a usable format

eSMR Flow



eSMR – on the internet

No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	Submittal

Enter information

Upload data points

Manually enter data points

Review information

Upload files

Your Computer



PET Tool – excel workbook (xls)

General

Data Entry

Create CDF for Upload

eSMR Flow



eSMR – on the internet

No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	Submittal

Enter information

eSMR Flow



eSMR – on the internet

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No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	Submittal

Manually enter data points

eSMR Flow



eSMR² – on the internet

No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	Submittal

Review information

eSMR Flow



eSMR – on the internet

No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	Submittal

Upload files

eSMR Flow



eSMR – on the internet

No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	Submittal

Enter information

Upload data points

Manually enter data points

Review information

Upload files

Your Computer



PET Tool – excel workbook (xls)

General

Data Entry

Create CDF for Upload

Getting Data In

- Manual Entry
 - Web Interface (Tabs)
- Upload External
 - Permittee Entry Template Tool
 - CIWQS Data Format (CDF)
 - File Attachments
 - Word, Excel, PDFs

Getting Data In (Manual)

- Analytical Data Tab
 - Required Fields
 - Location, Parameter, Data Type, Analytical Method, Collection Date/Time, Analysis Date/Time Qualifier, Result and Units
 - Non-Detect (MDL)
 - Detected Not Quantified (MDL and ML/RL)
 - Optional Fields
 - QA Codes, Priority Review Flag and Comments

MDL – Method Detection Limit

||

ML – Minimum Level

||

RL – Reporting Limit

Getting Data In (Manual)

- Calculated Data Tab
 - Required Fields
 - Location, Parameter, Calculation Type, Collection Date, Qualifier, Results and Units
 - Calculation Type (Ex. 30-Day Geometric Mean)
 - Collection Date (last day of calculation period)
 - Average Monthly for January would be 1/31.
 - Optional Fields
 - QA Codes, Priority Review Flag and Comments

Getting Data In (Manual)

- Violation Tab
 - Discharger Self-Determined Violations
 - Effluent Limit Violation
 - Permit Condition (Ex. deficient report/monitoring)

Getting Data In (Upload)

- EDF/CDF Tab
 - Permittee Entry Template Tool
 - CIWQS Data Format (CDF)
 - Laboratory Information Management System
 - CIWQS Data Format (CDF)
 - Comma/Quote-Separated Values
 - Analytical and Calculated Data
 - Zipped File

Permittee Entry Tool

- General Worksheet
 - Facility Information
 - “Create CDF for Upload” Button
 - Exports Data on Data Entry Worksheet
 - Creates a CIWQS Data File (CDF) for upload
- Data Entry Worksheet
 - Enter Analytical and Calculated Data
 - Rows = Sample/Sampling Information
 - Column = Data Fields
 - Location, Sample Date/Time, Parameter, Etc.

Permittee Entry Template (PET) Tool

Key: Red Outline = Required

Blue Outline = Optional

Agency Name:

CITY OF VACAVILLE

Facility Name:

EASTERLY WASTEWATER TREATMENT PLANT

Order No. (RX-XXXX-XXXX)

R5-2025-0028

Reporting Period Start Date

1/1/2026

Data Entered By:

PHUC TRAN & CARLOS ALFONSO

QA Performed By:

MICHAEL TORRES & MINDY BOELE

Analytical Lab Contact Information

Analytical Lab Name

CITY OF VACAVILLE WATER QUALITY LABORATORY

Analytical Lab Location

ELMIRA, CA

Analytical Lab Contact & Phone Number

MICHAEL TORRES (707) 469-6400

Additional Notes:

Create CDF for Upload

Version 4.2 (updated 07/14/2025)

Monitoring Point	Parameter	Data Type	Analytical Method	Collection Date	Collection Time	Analysis Date	Qualifier	Result	Units	MDL	ML	RL	QA Code	Priority Review	Comment
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/1/2026	23:59	1/1/2026	=	14.6	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/2/2026	23:59	1/2/2026	=	13.8	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/3/2026	23:59	1/3/2026	=	15.2	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/4/2026	23:59	1/4/2026	=	18	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/5/2026	23:59	1/5/2026	=	18.1	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/6/2026	23:59	1/6/2026	=	16	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/7/2026	23:59	1/7/2026	=	14.1	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/8/2026	23:59	1/8/2026	=	13.1	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/9/2026	23:59	1/9/2026	=	12.4	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/10/2026	23:59	1/10/2026	=	12.2	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/11/2026	23:59	1/11/2026	=	12.3	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/12/2026	23:59	1/12/2026	=	11.7	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/13/2026	23:59	1/13/2026	=	11.3	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/14/2026	23:59	1/14/2026	=	11.1	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/15/2026	23:59	1/15/2026	=	11	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/16/2026	23:59	1/16/2026	=	10.6	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/17/2026	23:59	1/17/2026	=	10.8	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/18/2026	23:59	1/18/2026	=	10.6	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/19/2026	23:59	1/19/2026	=	10.9	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/20/2026	23:59	1/20/2026	=	10.3	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/21/2026	23:59	1/21/2026	=	10.3	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/22/2026	23:59	1/22/2026	=	10.1	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/23/2026	23:59	1/23/2026	=	9.8	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/24/2026	23:59	1/24/2026	=	9.8	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/25/2026	23:59	1/25/2026	=	10.2	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/26/2026	23:59	1/26/2026	=	9.7	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/27/2026	23:59	1/27/2026	=	9.7	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/28/2026	23:59	1/28/2026	=	9.5	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/29/2026	23:59	1/29/2026	=	9.6	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/30/2026	23:59	1/30/2026	=	9.7	MGD						
INF-001	Flow	Daily Discharge	Data Unavailable [DU]	1/31/2026	23:59	1/31/2026	=	10	MGD						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/2/2026	06:52	1/2/2026	=	188	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/5/2026	06:55	1/5/2026	=	140	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/7/2026	06:59	1/7/2026	=	167	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/9/2026	06:55	1/9/2026	=	246	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/12/2026	06:57	1/12/2026	=	266	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/16/2026	06:55	1/16/2026	=	254	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/19/2026	07:15	1/19/2026	=	262	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/20/2026	07:06	1/20/2026	=	276	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/21/2026	06:52	1/21/2026	=	262	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/23/2026	07:06	1/23/2026	=	309	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/26/2026	06:48	1/26/2026	=	230	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/28/2026	06:58	1/28/2026	=	261	mg/L						
INF-001	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	Single	Data Unavailable [DU]	1/30/2026	06:59	1/30/2026	=	296	mg/L						
INF-001	Total Suspended Solids (TSS)	Single	Data Unavailable [DU]	1/1/2026	07:00	1/1/2026	=	216	mg/L						
INF-001	Total Suspended Solids (TSS)	Single	Data Unavailable [DU]	1/2/2026	06:52	1/2/2026	=	152	mg/L						
INF-001	Total Suspended Solids (TSS)	Single	Data Unavailable [DU]	1/5/2026	06:55	1/5/2026	=	220	mg/L						

Getting Data In (Upload)

- Attachments Tab
 - Any Electronic Format
 - 75 MB per File Upload Limit
 - Word, PDF, JPEG, etc..
 - Chain of Custody
 - Bio-Solid Report
 - Special/Technical Report

- Submittal Tab
 - Cover Letter
 - Word, PDF

eSMR Demo

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CIWQS Resources

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- CIWQS NPDES
- CIWQS SSO

California Integrated Water Quality System (CIWQS)

User ID:

Password:

Login

User Registration

SMARTS URL

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Recently Accessed Records:

SMR Records

[2995515 - 2009-TEST DWQ - Monthly SMR \(MONNPDES \) report for August 2025](#)
[3032433 - R3-2017-0025 - Monthly SMR \(MONNPDES \) report for December 2025](#)
[3044349 - R3-2017-0025 - On Demand SMR \(SUMRPT \) \(Anticipated Bypass Event\)](#)
[2368453 - 2009-TEST DWQ - On Demand SMR \(SUMRPT \) \(On Demand Test Report\)](#)

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Self Monitoring Report (SMR)

Facility Name:		Recently Accessed Records: 2593978 - R2-2022-0003 - Monthly SMR (MONNPDES) report for February 2026 2593960 - R2-2022-0003 - Monthly SMR (MONNPDES) report for December 2025 2593977 - R2-2022-0003 - Monthly SMR (MONNPDES) report for January 2026 2593961 - R2-2022-0003 - Monthly SMR (MONNPDES) report for January 2025 2593965 - R2-2022-0003 - Monthly SMR (MONNPDES) report for May 2025
Related Regulatory Measure Identifier:	All v	
Search	Download/Upload SMR Receipt Data	

Select the facility for which you are submitting this Self Monitoring Report

[Previous 10](#) [11-20 of 43 v](#) [Next 10](#)

Facility	Facility Physical Address	Responsible Agency Name	Case Worker Name
Easterly WWTP	6040 Vaca Station Road Elmira, CA 95687		Jon Rohrbough
El Dorado Hills WWTP	4625 Latrobe Road El Dorado Hills, CA 95762		Jon Rohrbough
El Portal WWTF	5083 Foresta Road BLDG 750 El Portal, CA 95318		Lovdeep Singh
Eureka City Elk River WWTP	4301 Hilfiker Lane Eureka, CA 95501		Justin C. McSmith



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SMR / DMR Reporting

Facility Name: Easterly WWTP

Select the order that details the requirements for this Self Monitoring Report:

☒ Show Active ☐ Show All

Order Number	Order Type	Program	Effective Dates
R5-2025-0028	NPDES Permits	NPDMUNILRG	08/01/2025 -
R5-2019-0050	Time Schedule Order	NPDMUNILRG	08/01/2019 -

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SMR / DMR Reporting

Facility Name: Easterly WWTP

Order Number: R5-2025-0028

Water Board Office: Region 5S - Sacramento

Case Worker: Jon Rohrbough

Reporting Level: Level II

All Electronic Date: 09/01/2010

To review or submit a report, select it from the list below. To change the list of reports, check the status types and/or enter start and end dates.

Show reports that meet these criteria

Status:

- ☒ Submitted - report was already submitted to water board
- ☒ In-Progress - report has been edited but not submitted
- ☒ Past Due - report deadline has passed and report has not been submitted
- ☒ Future - report due date is in the future
- ☒ Withdrawn - report has been withdrawn

Show Report Due Between: and [Refresh List](#) [Show Calendar Year](#)

Search results:

[Export to Excel](#) Show: Previous Next

ID	Report Name	Type	Frequency	Reporting Period	Due Date	Status	Date Received	Date Reviewed	Certified Violations	Report	Withdrawal
3046846	On Demand SMR (Unanticipated Bypass Event)	SUMRPT	On Demand	N/A	N/A	Future			No		
3046845	On Demand SMR (Anticipated Bypass Event)	SUMRPT	On Demand	N/A	N/A	Future			No		
3009051	Q4 2025	MONNPDES	Quarterly	10/01/2025 - 12/31/2025	02/01/2026	In-Progress Past Due			Yes		
3009166	2025 (MRP X.D.4 - Annual Pretreatment Report)	PRETRPT	Annual	01/01/2025 - 12/31/2025	02/01/2026	In-Progress Past Due			Yes		
3009022	2025	MONNPDES	Annual	01/01/2025 - 12/31/2025	02/01/2026	In-Progress Past Due			Yes		
3008960	December 2025	MONNPDES	Monthly	12/01/2025 - 12/31/2025	02/01/2026	In-Progress Past Due			Yes		
3009098	H2 2025	MONNPDES	Semi-Annual	07/01/2025 - 12/31/2025	02/01/2026	Past Due			Yes		
3009138	2025 (MRP X.D.2 - Annual Operations Report)	OPCERT	Annual	01/01/2025 - 12/31/2025	02/01/2026	Past Due			Yes		
3008961	January 2026	MONNPDES	Monthly	01/01/2026 - 01/31/2026	03/01/2026	Past Due			Yes		
3008962	February 2026	MONNPDES	Monthly	02/01/2026 - 02/28/2026	04/01/2026	Future			No		
3008963	March 2026	MONNPDES	Monthly	03/01/2026 - 03/31/2026	05/01/2026	Future			No		

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SMR / DMR Reporting[Back to SMR Search](#)

Facility Name: Easterly WWTP

Water Board Office: Region 5S - Sacramento

Monthly SMR (MONNPDES) report for January 2026

Status: In-Progress Past Due

Data Summary Export: [Export to Excel](#)

Reporting Level: Level II

Order Number: R5-2025-0028

Case Worker: Jon Rohrbough

Report Effective Dates: 01/01/2026 - 01/31/2026

All Electronic Date: 09/01/2010

[No Discharge](#) [EDF/CDF](#) [Analytical Data](#) [Calculated Data](#) [Data Summary](#) [Attachments](#) [Violations](#) [DMR](#) [Submittal](#)

For each discharge point below, specify the dates that no discharge occurred by clicking the "Add/Modify Dates" link,
Comments are mandatory for any discharge points with any no-discharge dates specified.

[Save](#)

Discharge Point Name	Discharge Point Description	Dates with No Discharge	ND Entire Period	Remove All	Comments
001	Municipal Wastewater to Old Alamo Creek	No Dates Selected Add/Modify Dates	☐	☐	

[Save](#)

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Self Monitoring Report (SMR)

[Back to SMR search screen](#)

Reporting Level: Level II

Facility Name: Yuba City WWTF

Order Number: R5-2007-0134

Water Board Office: Region 5S - Sacramento

Case Worker: John Ginn

Monthly SMR (MONNPDES) report for June 2008

Report Effective Dates: 06/01/2008 - 06/30/2008

Status: Submitted

[No Discharge](#) [EDF/CDF](#) [Analytical Data](#) [Calculated Data](#) [Data Summary](#) [Attachments](#) [Violations](#) [Submittal](#) [Post Certified](#) [Waterboard Notes](#)

Note: the upload process may take a few minutes depending on the speed of your internet connection and the size of the EDF/CDF file. Do not attempt to click the "Refresh" or "Submit" buttons during the upload process.

EDF/CDF ZIP File *	File Description	
Browse...		Upload File

File Name (Type)	File Description	Date/Time Uploaded	Status
YC zip file June 2008 calculated.zip		07/31/2008 - 13:36:45	OK
YC zip file June 2008.zip		07/31/2008 - 13:37:02	OK

Navigate to:

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Self Monitoring Report (SMR)

[Back to SMR search screen](#)
Reporting Level: Level II

Facility Name: Yuba City WWTF

Order Number: R5-2007-0134

Water Board Office: Region 5S - Sacramento

Case Worker: John Ginn

Monthly SMR (MONNPDES) report for June 2008
Report Effective Dates: 06/01/2008 - 06/30/2008

Status: Submitted Past Due

[No Discharge](#) [EDF/CDF](#) [Analytical Data](#) [Calculated Data](#) [Data Summary](#) [Attachments](#) [Violations](#) [Submittal](#) [Post Certified](#)
Step 1: Choose the monitoring location where the samples were taken.
Step 2: Add Parameters to the list below by choosing a Parameter Group and clicking the "Add Group Parameters" button, or by clicking the "Add Individual Parameters" button and performing a search.
Monitoring Location:*

Parameter	Analytical	Sample Date MM/dd/yyyy	Sample Time HH:mm:ss	Analysis Date MM/dd/yyyy	Analysis Time HH:mm:ss	Qualifier	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comment
	EFF-001													
	G-001													
	G-002													
	G-003													
	G-004													
	G-005													
	G-006													
	G-007													
	G-008													
	INF-001													
	LND-001													
	LND-002													
	LND-003													
	LND-004													
	LND-005													
	LND-006													
	RSW-001													
	RSW-002													
	RSW-003													

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Step 1: Choose the monitoring location where the samples were taken.

Step 2: Add Parameters to the list below by choosing a Parameter Group and clicking the "Add Group Parameters" button, or by clicking the "Add Individual Parameters" button and performing a search.

[Save Changes](#)

[Refresh Data](#)

Monitoring Location:

[Add Group Parameters \(Auto-Populate\)](#)

[Add Individual Parameters \(Search\)](#)

Parameter	Analytical Method	Sample Date MM/dd/yyyy	Sample Time HH:mm:ss	Analysis Date MM/dd/yyyy	Analysis Time HH:mm:ss	Qualifier	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comment		
Copper, Total	A210B : Standard Method (19th)	09/22/2008 		 		= 	14	ug/L 				☐	B BB BS EB	Edit	Delete	Duplicate

[Add Individual Parameters \(Search\)](#)

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Self Monitoring Report (SMR)

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Reporting Level: Level II

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Step 1: Choose the monitoring location where the samples were taken.
Step 2: Add Parameters to the list below by clicking the "Add Individual Parameters" button and performing a search.
[Save Changes](#)
[Refresh Data](#)
Monitoring Location: * G-005

[Add Individual Parameters \(Search\)](#)

Parameter	Calculation Type	Qualifier	Result	Units	Review Priority Indicator	QA Codes	Comments		
Total Suspended Solids (TSS)	Average Monthly (AMEL)	=	10	lb/day	☐	B BB BS EB	Edit	Delete	Duplicate
Total Suspended Solids (TSS)	Average Weekly (AWEL)	=	15	lb/day	☐	B BB BS EB	Edit	Delete	Duplicate
Total Suspended Solids (TSS)	Maximum Daily (MDEL)	=	30	lb/day	☐	B BB BS EB	Edit	Delete	Duplicate

[Add Individual Parameters \(Search\)](#)



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This page contains a summary of all analytical and calculated data submitted manually and/or through file upload(s) for this report.

Sorting Order for Analytical and Calculated Results:

1.
2.
3.
4.
5.
6.

[Sort Results](#)

Analytical result ([go to Calculated Results](#))

Location	Parameter	Analytical Method	Qual	Result	Units	MDL	ML	RL	Sampling Date/Time	Analysis Date	Review Priority Indicator	QA Codes	Comment	Data Source
EFF-001	4,4-DDD	Organochlorine Pesticides by Gas Chromatography	ND		ug/L	.003		.02	06/02/2008 09:00:00	06/23/2008	No			YC zip file June 2008.zip
EFF-001	4,4-DDE	Organochlorine Pesticides by Gas Chromatography	ND		ug/L	.003		.03	06/02/2008 09:00:00	06/23/2008	No			YC zip file June 2008.zip
EFF-001	4,4-DDT	Organochlorine Pesticides by Gas Chromatography	ND		ug/L	.007		.03	06/02/2008 09:00:00	06/23/2008	No			YC zip file June 2008.zip
EFF-001	Aldrin	Organochlorine Pesticides by Gas Chromatography	ND		ug/L	.002		.02	06/02/2008 09:00:00	06/23/2008	No			YC zip file June 2008.zip

EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	292	lb/day	06/22/2008 00:00:00	06/22/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	223	lb/day	06/23/2008 00:00:00	06/23/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	282	lb/day	06/24/2008 00:00:00	06/24/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	282	lb/day	06/25/2008 00:00:00	06/25/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	351	lb/day	06/26/2008 00:00:00	06/26/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	437	lb/day	06/27/2008 00:00:00	06/27/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	472	lb/day	06/28/2008 00:00:00	06/28/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	357	lb/day	06/29/2008 00:00:00	06/29/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Daily Maximum	=	351	lb/day	06/30/2008 00:00:00	06/30/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Monthly Average (Mean)	=	457	lb/day	06/30/2008 00:00:00	06/30/2008	No		0	YC zip file June 2008 calculated.zip
EFF-001	Total Suspended Solids (TSS)	Monthly Average (Mean)	=	10.6	mg/L	06/30/2008 00:00:00	06/30/2008	No		0	YC zip file June 2008 calculated.zip
G-006	Total Suspended Solids (TSS)	Seven Sample Median	=	7	lb/day			Yes			Manual

Total Record Count: 60

Export All Results to Excel

Self Monitoring Report (SMR)

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Order Number: R5-2007-0134

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Case Worker: John Ginn

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To add a supplemental document to this report, select the file and click Upload.

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File *	File Description
Browse...	Upload File

File Name	File Description	Date/Time Uploaded	Status
Caltest NPDES I060269.pdf		07/31/2008 - 15:28:45	OK
Caltest river monitoring I060321.pdf		07/31/2008 - 15:28:37	OK
Caltest river monitoring I060474.pdf		07/31/2008 - 15:28:30	OK
Excel spreadsheet.pdf		07/31/2008 - 15:25:20	OK
MDL summary sheet.pdf		07/31/2008 - 15:28:03	OK
Sierra Analytical NPDES 0806032 .pdf		07/31/2008 - 15:26:53	OK
Sierra Analytical TKN 0807086 .pdf		07/31/2008 - 15:26:44	OK
Sierra Analytical thallium 0806032 .pdf		07/31/2008 - 15:27:26	OK



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Order Number: R5-2007-0134

Water Board Office: Region 58 - Sacramento

Case Worker: John Gin

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[Add Violation](#)

Violation Type	Description	Corrective Action	Occurrence Date		
Category 1 Pollutant (Effluent Violation for Group 1 Pollutant)	Phosphate, Total (as P);5;10;ug/L;Instantaneous Maximum.		06/11/2008	Update	Delete

Self Monitoring Report (SMR)

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Reporting Level: Level II

Facility Name: Yuba City WWTF

Order Number: R5-2007-0134

Water Board Office: Region 5S - Sacramento

Case Worker: John Ginn

Monthly SMR (MONNPDES) report for June 2008

Report Effective Dates: 06/01/2008 - 06/30/2008

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Pollutant Category:

Self-Determined Violation Entry Screen

☒ **Effluent Violations (Select Parameter)** ☐ **Other Violation Types (Select Violation Type)**

Parameter:

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloro-1,2,2-Trifluoroethane

Occurrence Date: *



Effluent Limit Exceedance

Limit	Result	Units	LimitationPeriod
0.0	0.0	inches	1-Hour Average (Mean)

Violation Desc:

Comment *

Corrective Action *

[SAVE](#)

[Close](#)

Self Monitoring Report (SMR)

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Facility Name: Yuba City WWTF

Order Number: R5-2007-0134

Water Board Office: Region 5S - Sacramento

Case Worker: John Ginn

Monthly SMR (MONNPDES) report for June 2008
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[Save for Later](#)
[Certify & Submit](#)
[Preview report](#)

Please describe your submission, including descriptions of all violated requirements.

Option A: Select a document on your computer by clicking 'Browse'.

File *	
	Browse... Upload File
Uploaded cover letter:	

Option B: You may enter plain text in the field below.

Cover letter on Attachment tab.
 This is the second eSMR submission by Yuba City.
 Still need confirmation if the calculations submitted meet permit requirements.



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Self Monitoring Report (SMR)

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Click on the Violation ID to access the violation info.

Violation ID	Violation Date	Violation Type	Description	Corrective Action	Current Status	Last Modified By	Created By
779776	06/11/2008	Category 1 Pollutant (Effluent Violation for Group 1 Pollutant)	Phosphate, Total (as P);5;10;ug/L;Instantaneous Maximum.	dont sample	Violation	Discharger	Discharger
779737	06/15/2008	Acute Toxicity	Violation Created during eSMR2 demonstration.	None taken.	Violation	Water Board Staff	Case Worker

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Permittee Entry Tool Demo

Online Resources

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California Integrated Water Quality System Project (CIWQS)

CIWQS HELP CENTER – NPDES

Support for the National Pollutant Discharge Elimination System

Questions or Comments about NPDES?

- Please email the CIWQS Help Center or phone 866-79-CIWQS (24977)

• Frequently Asked Questions

- The most common questions we hear and their answers.
- Where do I submit DMRs?
- Guidance on entering monitoring results.
- How to enter values near the detection limit.

• Registration Forms

- Legally Responsible Official
- Data Submitter

• Presentations and Helpful Information

- Workshop Presentation - The presentation given in our training class
- User Guide - User guide for the web portion of your submittal
- Submittal Checklist - Bulleted list of steps to help you through your first couple submittals
- Common Errors - A list of the most common errors that you may receive when uploading a CDF, EDF, or PET export file and how to resolve them
- Business Rules - Several guidelines on how to enter information
- User Group webpage - Find out the latest progress in eSMB development

• PET Tool / CIWQS Data Format Installer

- Start Here - Introduction / Installer / Updated Version / LIMS"
- Data Types - Guidelines on how Data Types should be used in the Permittee Entry Template (PET) Tool
- ND/DNQ - Guidelines on how to enter values near the detection limit

California Integrated Water Quality System Project (CIWQS)

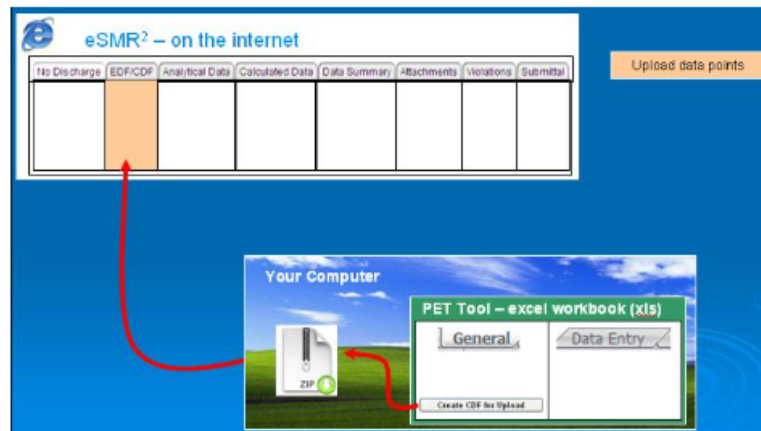
PET Tool / CIWQS Data Format

PET Tool

Introduction

The PET Tool is a Microsoft Excel file that allows you to configure your data into a format that CIWQS will understand and interpret correctly, which is the CIWQS Data Format, or CDF. You can open the PET Tool in Excel, configure it on the basis of your permit requirements, and then use the configured file as a template for entering monitoring data on a monthly basis.

Important Note: The Tools require that macros be enabled.



As demonstrated by the diagram above, work on the PET Tool happens outside of eSMR. When a file has been prepared for a report, use the button on the General Tab to automatically create a zip file. The zip file should then be uploaded to the EDF/CDF tab of an eSMR report.

Standard PET Tool version 4.2

PET Tool v4.2 - Update is recommended. This template was released 03/2026.

What is included in PET Tool Version 4.2:

- CIWQS Data Format Installer is no longer required to create a zip file
- New parameters
- New methods

To update your current template to the new version:

CIWQS Data Format (CDF)

If you are currently using a Laboratory Information Management System (LIMS) to manage your lab data you may be able to set up your LIMS to export a file that CIWQS will understand and interpret correctly.

- 
- [CDF setup guide](#)

The values and codes contained in CIWQS as of the date noted are contained in the files below. These codes should be used in the CDF files.

- [Units \(2026-03-17\)](#)
- [Analytical Method List \(2026-03-17\)](#)
- [Calculation Methods \(2026-03-17\)](#)
- [Parameter Reference List \(2026-03-17\)](#)

(Page last updated 03/17/2026)

Potential Permit Questions/Issues

Example: Easterly Wastewater Treatment Plant

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

11020 Sun Center Drive, #200 Rancho Cordova, California 95670-6114
Phone (916) 464-3291 O Fax (916) 464-4645

Central Valley Home Page (<http://www.waterboards.ca.gov/centralvalley>)

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CA0077691
ORDER R5-2025-0028**

**WASTE DISCHARGE REQUIREMENTS FOR THE
CITY OF VACAVILLE
EASTERLY WASTEWATER TREATMENT PLANT
SOLANO COUNTY**

The following Discharger is subject to waste discharge requirements (WDRs) set forth in this Order:

Table 1. Discharger Information

Discharger:	City of Vacaville
Name of Facility:	Easterly Wastewater Treatment Plant
Facility Street Address:	6040 Vaca Station Road
Facility City, State, Zip:	Elmira, CA 95625
Facility County:	Solano County

Table 2. Discharge Location

Discharge Point	Effluent Description	Discharge Point Latitude (North)	Discharge Point Longitude (West)	Receiving Water
001	Treated Wastewater	38° 20' 48"	121° 54' 06"	Old Alamo Creek

Potential Permit Questions/Issues

Include as Analytical data

CITY OF VACAVILLE
EASTERLY WASTEWATER TREATMENT PLANT

ORDER R5-2025-0028
NPDES NO. CA0077691

Table E-3. Effluent Monitoring

Parameter	Units	Sample Type	Minimum Sampling Frequency
Flow	MGD	Meter	Continuous
Biochemical Oxygen Demand (5-day @ 20° C)	mg/L	24-hr Composite	3/Week
pH	standard units	Meter	Continuous
Total Suspended Solids	mg/L	24-hr Composite	3/Week
Bromoform	µg/L	Grab	1/Month
Carbon Tetrachloride	µg/L	Grab	1/Month
Chlorodibromomethane	µg/L	Grab	1/Month
Chloroform	µg/L	Grab	1/Month
Dichlorobromomethane	µg/L	Grab	1/Month
Ammonia Nitrogen, Total (as N)	mg/L	Grab	1/Week
Chlorine, Total Residual	mg/L	Meter	Continuous
Cyanide	µg/L	Grab	1/Month
Dissolved Organic Carbon	mg/L	Grab	1/Quarter
Electrical Conductivity @ 25°C	µmhos/cm	24-hr Composite	1/Month
Hardness, Total (as CaCO ₃)	mg/L	24-hr Composite	1/Month
Nitrate, Total (as N)	mg/L	Grab	1/Month
Nitrite, Total (as N)	mg/L	Grab	1/Month
Nitrate Plus Nitrite, Total (as N)	mg/L	Calculate	1/Month
Priority Pollutants and Other Constituents of Concern	(see section IX.E)	(see section IX.E)	(see section IX.E)
Temperature	°F	Meter	Continuous
Total Coliform Organisms	MPN/100 mL	Grab	5/Week
Total Dissolved Solids	mg/L	24-hr Composite	1/Month
Turbidity (1 May through 31 October)	NTU	Meter	Continuous
Turbidity (1 November through 30 April)	NTU	Grab	1/Week
Whole Effluent Toxicity	(see section V)	(see section V)	(see section V)

Potential Permit Questions/Issues

Include as Calculated data

1. Final Effluent Limitations – Discharge Point 001

The Discharger shall maintain compliance with the following effluent limitations at Discharge Point 001. Unless otherwise specified, compliance shall be measured at Monitoring Location EFF-001, as described in the Monitoring and Reporting Program, Attachment E:

- a. The Discharger shall maintain compliance with the effluent limitations specified in Table 4:

Table 4. Effluent Limitations

Parameters	Units	Average Monthly	Average Weekly	Maximum Daily
Ammonia Nitrogen, Total (as N)	mg/L	1.7	3.9	--
Biochemical Oxygen Demand, 5-day @ 20°Celsius (BOD ₅) 1 May through 31 October	milligrams per liter (mg/L)	10	15	--
Biochemical Oxygen Demand, 5-day @ 20°Celsius (BOD ₅) 1 November through 30 April	milligrams per liter (mg/L)	20	25	--
Chlorodibromomethane	µg/L	18	--	45
Dichlorobromomethane	µg/L	46	--	79
Cyanide	µg/L	4.3	--	8.5
Nitrate Plus Nitrite, Total (as N)	mg/L	13	15	--
Total Suspended Solids (TSS) 1 May through 31 October	mg/L	10	15	--
Total Suspended Solids (TSS) 1 November through 30 April	mg/L	30	45	--

Potential Permit Questions/Issues

Include as Calculated data

- g. **Total Residual Chlorine.** Effluent total residual chlorine shall not exceed:
 - i. 0.011 mg/L, as a 4-day average; and
 - ii. 0.019 mg/L, as a 1-hour average.
- h. **Total Coliform Organisms.** Effluent total coliform organisms shall not exceed the following with compliance measured immediately after disinfection:
 - i. From 1 May through 31 October, effluent total coliform organisms shall not exceed the following with compliance measured immediately after disinfection:
 - (a) 2.2 most probable number (MPN) per 100 mL, as a 7-day median;
 - (b) 23 MPN/100 mL, more than once in any 30-day period; and
 - (c) 240 MPN/100 mL, at any time.
 - ii. From 1 November through 30 April, effluent total coliform organisms shall not exceed the following with compliance measured immediately after disinfection:
 - (a) 23 MPN/100 mL, as a 7-day median; and
 - (b) 240 MPN/100 mL, more than once in any 30-day period.

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Potential Permit Questions/Issues

Include as Attachment

CITY OF VACAVILLE
EASTERLY WASTEWATER TREATMENT PLANT

ORDER R5-2025-0028
NPDES NO. CA0077691

Old Alamo Creek and RSW-003 and RSW-004 at New Alamo Creek. Attention shall be given to the presence of:

- a. Floating or suspended matter;
- b. Discoloration;
- c. Bottom deposits;
- d. Aquatic life;
- e. Visible films, sheens, or coatings;
- f. Fungi, slimes, or objectionable growths; and
- g. Potential nuisance conditions.

Notes on receiving water conditions shall be summarized in the monitoring report.

DMR Update



eSMR – on the internet

No Discharge	EDF/CDF	Analytical Data	Calculated Data	Data Summary	Attachments	Violations	DMR	Submittal

Enter information

Upload data points

Manually enter data points

Review information

Upload files

Your Computer



PET Tool – excel workbook (xls)

General

Data Entry

Create CDF for Upload

DMR Update



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SMR / DMR Reporting

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Facility Name: Easterly WWTP

Water Board Office: Region 5S - Sacramento

Monthly SMR (MONNPDES) report for January 2026

Status: In-Progress Past Due

Data Summary Export: [Export to Excel](#)

[No Discharge](#) [EDF/CDF](#) [Analytical Data](#) [Calculated Data](#) [Data Summary](#) [Attachments](#) [Violations](#) **DMR** [Submittal](#)

Reporting Level: Level II

Order Number: R5-2025-0028

Case Worker: Jon Rohrbough

Report Effective Dates: 01/01/2026 - 01/31/2026

All Electronic Date: 09/01/2010

DMR Dashboard

**** Do not unlink DMRs before contacting the DMR Help Desk at (916) 319-9152 or DMR@waterboards.ca.gov ****

Successfully unlinked DMR from this report.

Feature - Limit Set Click to edit	Monitoring Period	Due Date	NODI	Status	
001-A	08/01/2014 - 08/31/2014	10/01/2014		Complete	Unlink
INF1-A	11/01/2025 - 11/30/2025	01/01/2026		Empty	Unlink

[Upload / Manage Files](#)

[DMR PDF Report](#)

Add DMR to this Report

Due: 01/01/2026 Feature: EFF1-A Period: 11/01/2025 - 11/30/2025

Online Resources

[Home](#) | [Water Issues](#) | [Programs](#) | [CIWQS](#) | [Chc Npdes](#)

California Integrated Water Quality System Project (CIWQS)

CIWQS HELP CENTER – NPDES

Support for the National Pollutant Discharge Elimination System

Questions or Comments about NPDES?

- Please email the CIWQS Help Center or phone 866-79-CIWQS (24977)

Frequently Asked Questions

- The most common questions we hear and their answers.
- Where do I submit DMRs?
- Guidance on entering monitoring results.
- How to enter values near the detection limit.

Registration Forms

- Legally Responsible Official
- Data Submitter

Presentations and Helpful Information

- Workshop Presentation - The presentation given in our training class
- User Guide - User guide for the web portion of your submittal
- Submittal Checklist - Bulleted list of steps to help you through your first couple submittals
- Common Errors - A list of the most common errors that you may receive when uploading a CDF, EDF, or PET export file and how to resolve them
- Business Rules - Several guidelines on how to enter information
- User Group webpage - Find out the latest progress in eSMR development

PET Tool / CIWQS Data Format Installer

- Start Here - Introduction / Installer / Updated Version / LIMS"
- Data Types - Guidelines on how Data Types should be used in the Permittee Entry Template (PET) Tool
- ND/DNQ - Guidelines on how to enter values near the detection limit

Potential Permit Questions/Issues

- Examples that have come up in User Group:
 - Report due dates
 - Holidays?
 - Weekends?

Recap

[Home](#) | [Water Issues](#) | [Programs](#) | [Ciwqs](#) | [Chc Npdes](#)

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- **Optional Tools**

- **Pivot** - Review your uploaded monitoring data in an easy to read format prior to certifying and submitting.
("Save" the Excel file to your computer before installing).
 - [Instructions | Excel 2003](#)
 - [Instructions | Excel 2007](#)
 - [Instructions | Excel 2010](#)
- **Limit** - Use after the Pivot Tool to compare your permit limits to your monitoring data. You must populate the limits in the Limit tool.
 - [Instructions | Excel 2003](#)
 - [Instructions | Excel 2007](#)
 - [Instructions | Excel 2010](#)

- **Additional NPDES Information**

Questions?