Operator Certification: Regulations (NPDES Permits & Discharge Limitations)

Thursday, October 14, 2026



This program is made possible under a cooperative agreement with US EPA.

Your trainers for today:



James Markham
Research Engineer



Valeria Cortes-Mora
Water Utility Trainer &
Support Specialist



SOUTHWEST
ENVIRONMENTAL
FINANCE CENTER

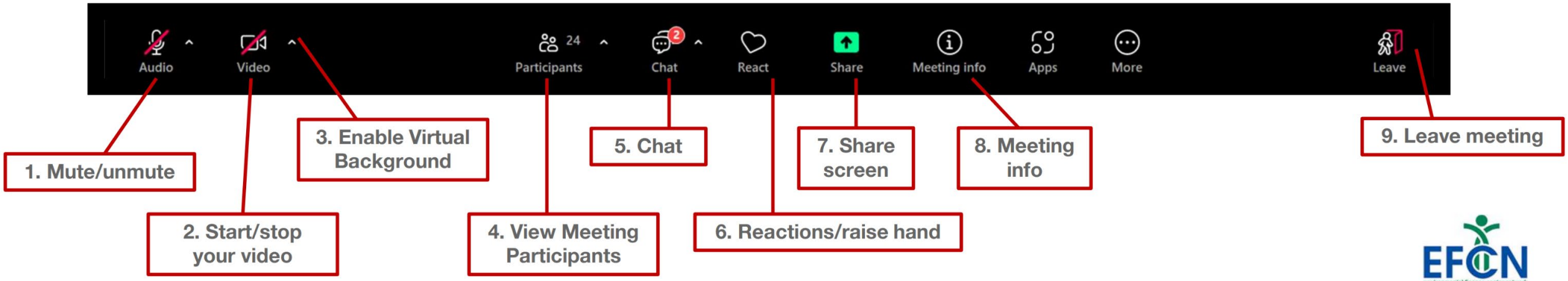
SCHOOL OF
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This training series is funded by the EPA

Attendee Meeting Controls

- Locate your control bar
- All attendees will see a black horizontal bar on their screen
- If your control bar is not visible, it may be hidden
  - Move your cursor to the screen's bottom (or top) to reveal this control bar.



Schedule for 2026:

Date	Topic
9/16/2026	Solids Handling Part 2 (Solids Handling)
9/30/2026	Sampling
10/14/2026	Regulations (NPDES Permits and Discharge Limitations)
10/28/2026	Treatment System Maintenance
11/18/2026	Lab Procedures/Analysis/Interpretation
12/2/2026	Using Technology in daily operations (SCADA, Computer, Tablets, CMMS, AI, etc.)
12/16/2026	Course Review Session

https://swefc.unm.edu/home/op-cert-trainings/

Wastewater Training Schedule

Please note all times are local to CNMI and Guam. The times in American Samoa are one day earlier at 11 am.

Session	Date	Training Topic & Link to Recording (click to view)	Supporting Materials (click to download)
1	6/25/2025	Program Overview, Test Format, Study & Test Tips	PPT slides
2	7/9/2025	Treatment Overview	PPT slides
3	7/23/2025	WW Math Part 1 (Areas & Volumes)	PPT slides
4	8/6/2025	WW Math Part 2 (Flow Rates & Detention Times)	PPT slides
5	8/20/2025	Collection Systems – Gravity systems	PPT Slides
6	9/3/2025	Collection Systems – Pumping & Force Mains	PPT Slides Collection Systems (Grades 1 – 2) Course #401 Tech Brief – Reading Centrifugal Pump Curves Grundfos E-cademy – Pump Selection Basics Pennsylvania Department of Environmental Protection Module 9: Basics of Pumps and Hydraulics
7	9/17/2025	Collection System Maintenance	PPT Slides
8	10/1/2025	Operator Safety/OSHA/Chemical Safety & Inventory	PPT Slides
9	10/15/2025	Preliminary Treatment	PPT Slides
10	10/29/2025	Primary Treatment: Sedimentation	PPT Slides
11	11/12/2025	Fixed-Film Media	PPT Slides
12	12/2/2025	Activated Sludge Part 1	PPT Slides
13	12/16/2025	Activated Sludge Part 2	PPT Slides
14	1/20/2026	Concept and Math Review Session	PPT Slides
15	2/3/2026	Disinfection Part 1 (chlorination/dechlorination) + related math	PPT Slides
16	2/17/2026	Disinfection Part 2 – UV and other methods	PPT Slides
17	3/3/2026	WW Math Part 3 (Flow, Detention Time)	PPT Slides
18	3/17/2026	WW Math Part 4 (BOD Math /Advanced WW Math)	PPT Slides

Sign in for **every session** **to** ensure you **get credit** for attending

SOUTHWEST ENVIRONMENTAL FINANCE CENTER

US Territories Water & Wastewater Operator Certification
Virtual Training Series Group Attendance Sheet

Session Title: _____

Session Date: _____

Training Location: _____

Attendee Name	Attendee Signature	Arrival Time	Departure Time

I hereby certify that the individuals listed above attended the referenced training session.

Name: _____

Signature: _____

Title: _____

Date: _____

Please scan this sheet after each training session and email it to swefc@unm.edu with the subject line: "US Territories Op Cert Attendance Sheet"

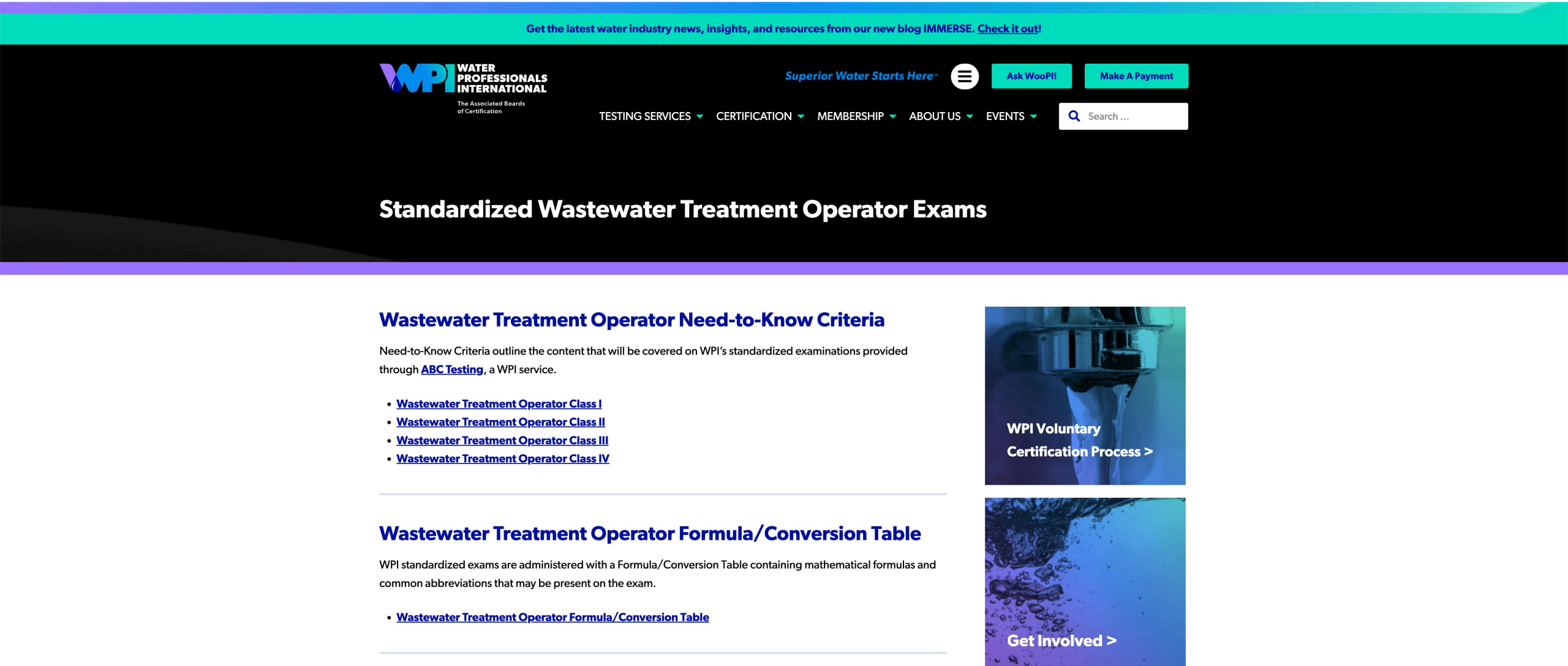


Operator Certification

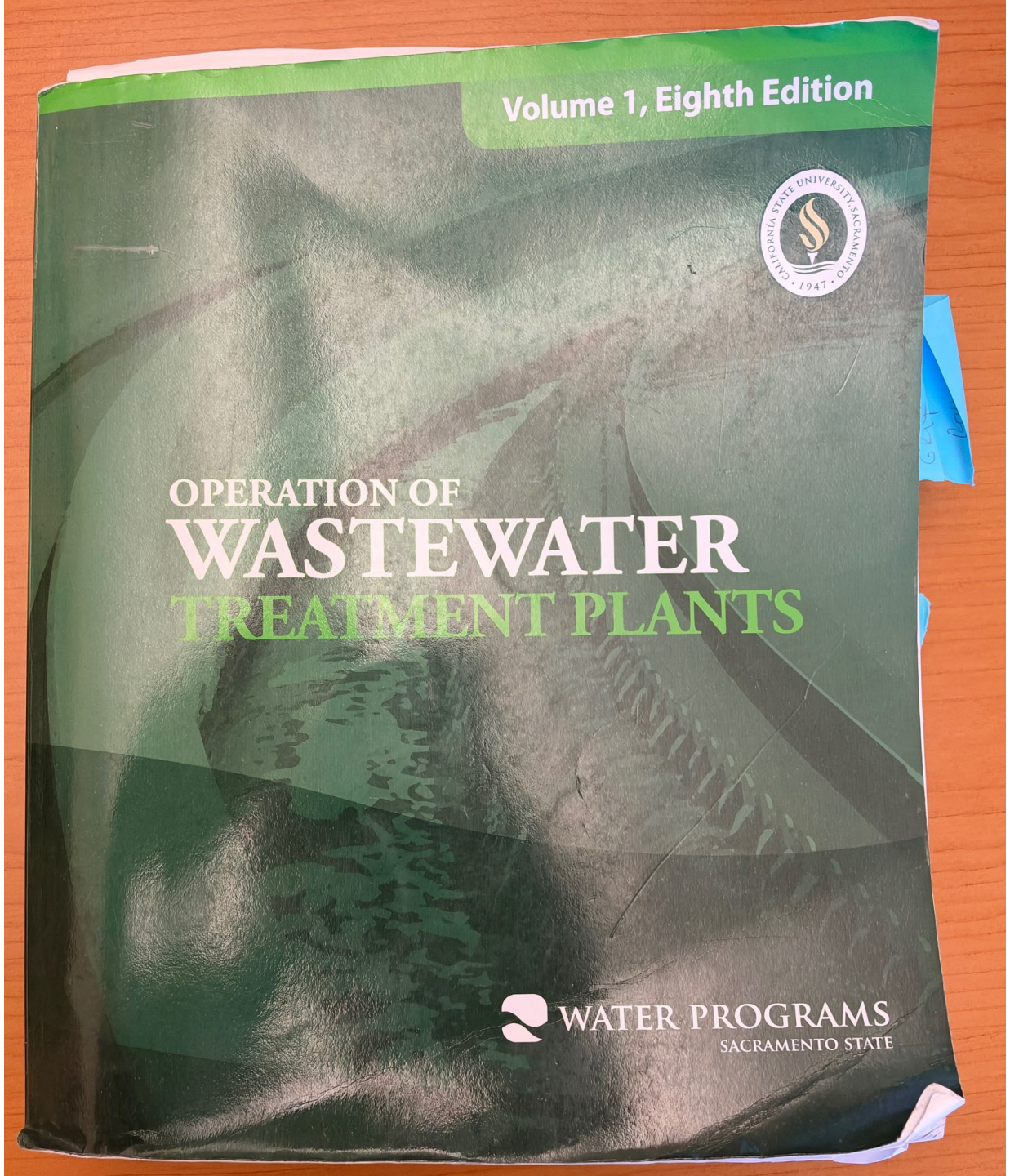
Operator Certification

1) You can't operate most wastewater treatment facilities without a license
2) Licensing requirements are typically based on:
   - facility technology and
   - size of population served
3) Additional licensing requirements:
   - experience
   - education requirements
   - passing the certification exam

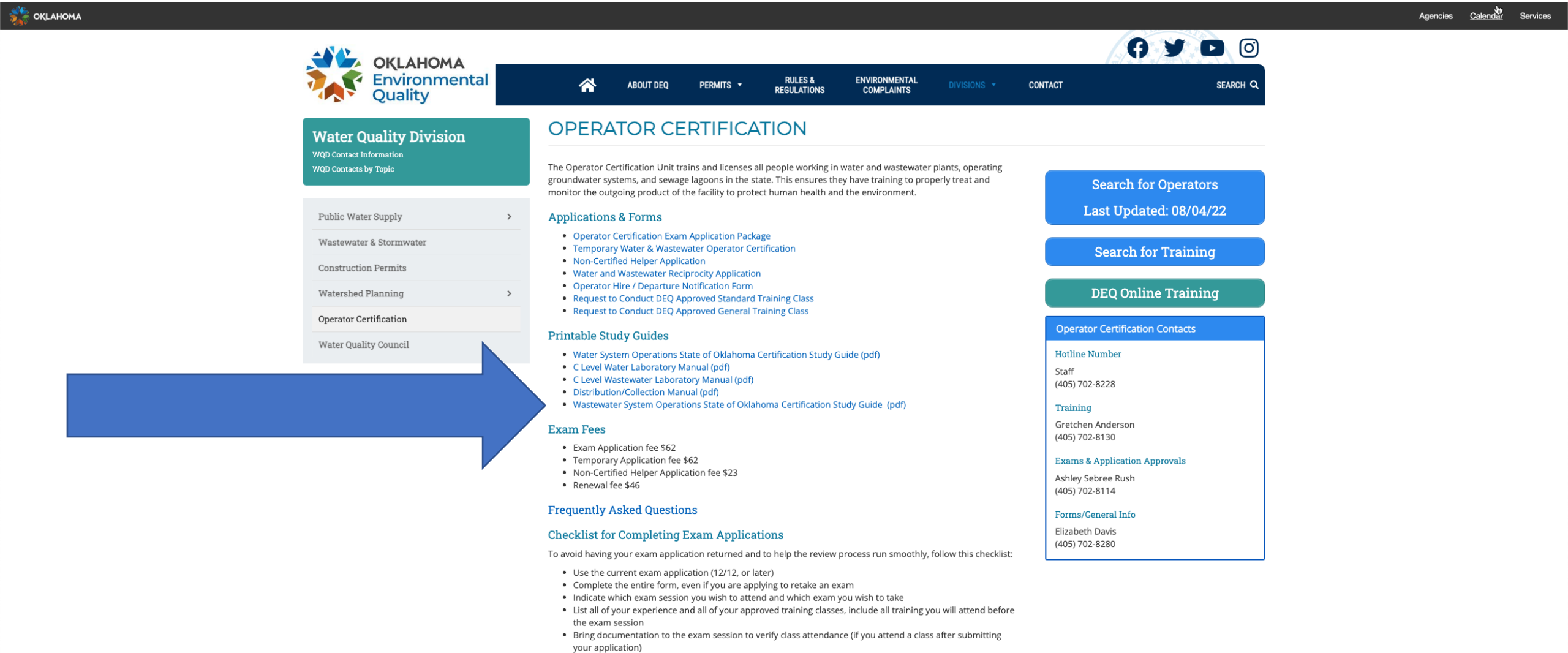
WPI/ABC Operator Certification



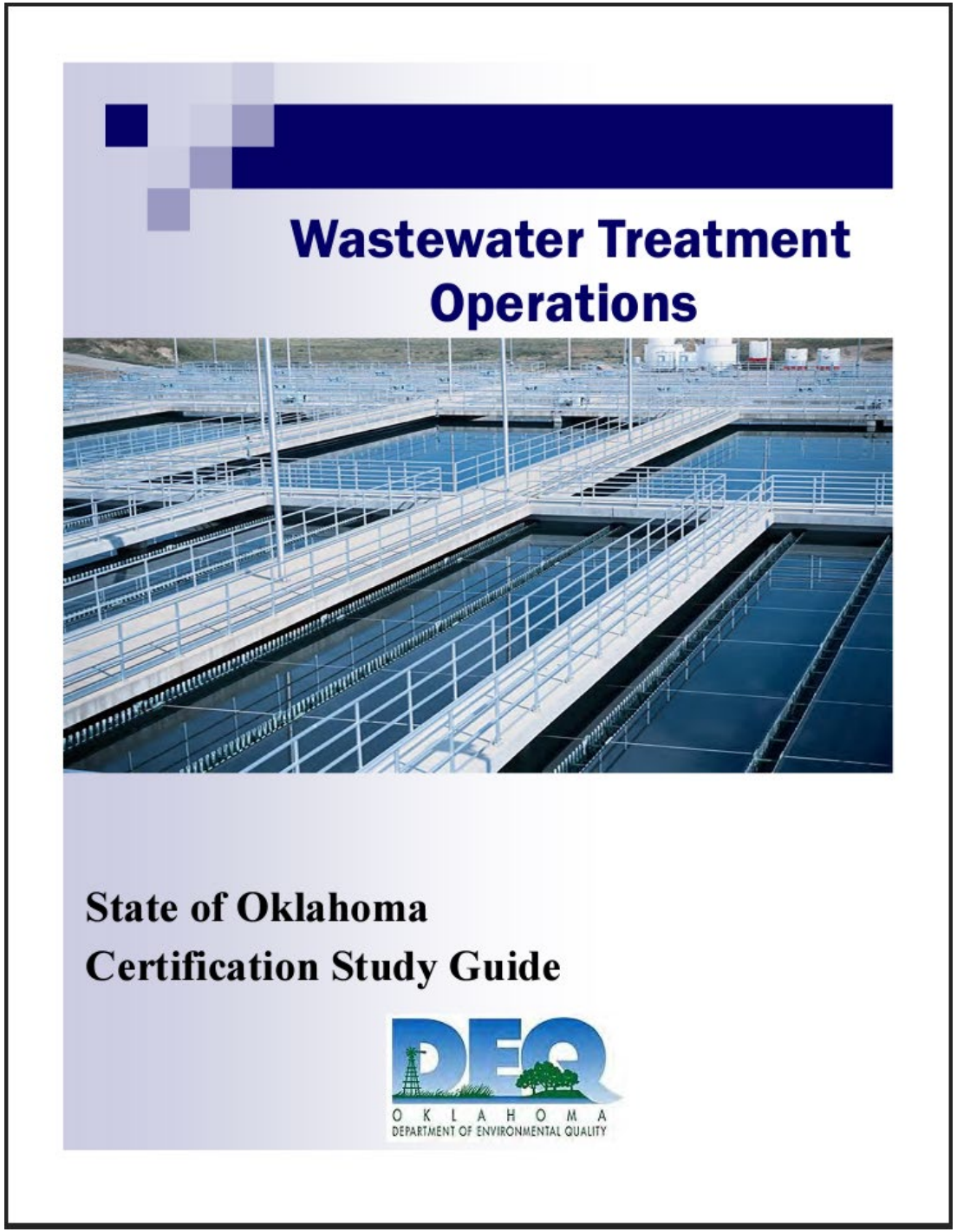
Example: Sacramento State study manuals



Other available resources …



Example: Oklahoma's study guide…



Regulations Section

Chapter 3

General Regulations and Management

INTRODUCTION TO CHAPTER 3

There are many references made throughout this study guide to legal requirements regarding the proper treatment and handling of wastewater and treatment equipment. The requirements are designed to protect public health and to help ensure operator safety.

This chapter is designed to serve as an introduction to some of the more fundamental legal requirements of system operation and to provide sources for additional information concerning regulation. The suggested references for this chapter also address the management related skills especially needed by the supervisors and superintendents of community wastewater systems.

SUGGESTED STUDY GUIDELINES

Class D

Be prepared to answer questions concerning:

- Who must be certified and how to renew a certificate.
- The basic requirements for certification including temporary certification.
- The regulations concerning Monthly Operational Reports (MORs) and Discharge.
- Monitoring Reports (DMRs).
- How long to keep records at wastewater systems.
- The importance of and need for records.
- The penalties for falsification.
- The definition of an un-permitted discharge (bypass).
- The reporting requirements for un-permitted discharges and the possible penalties if not met.

Class C

Be prepared to answer questions concerning guidelines listed for Class D certification and:

- The basic criteria concerning the classification of wastewater works.
- The levels of certification required for supervisors and superintendents at different systems.
- The rules and regulations concerning laboratory technician certification requirements.
- The parameters and frequencies of laboratory tests required at different types of facilities.
- The proper way to fill out and submit a DMR.

Be prepared to answer other questions that require additional personal study.



State/Territorial Laws & Regulations

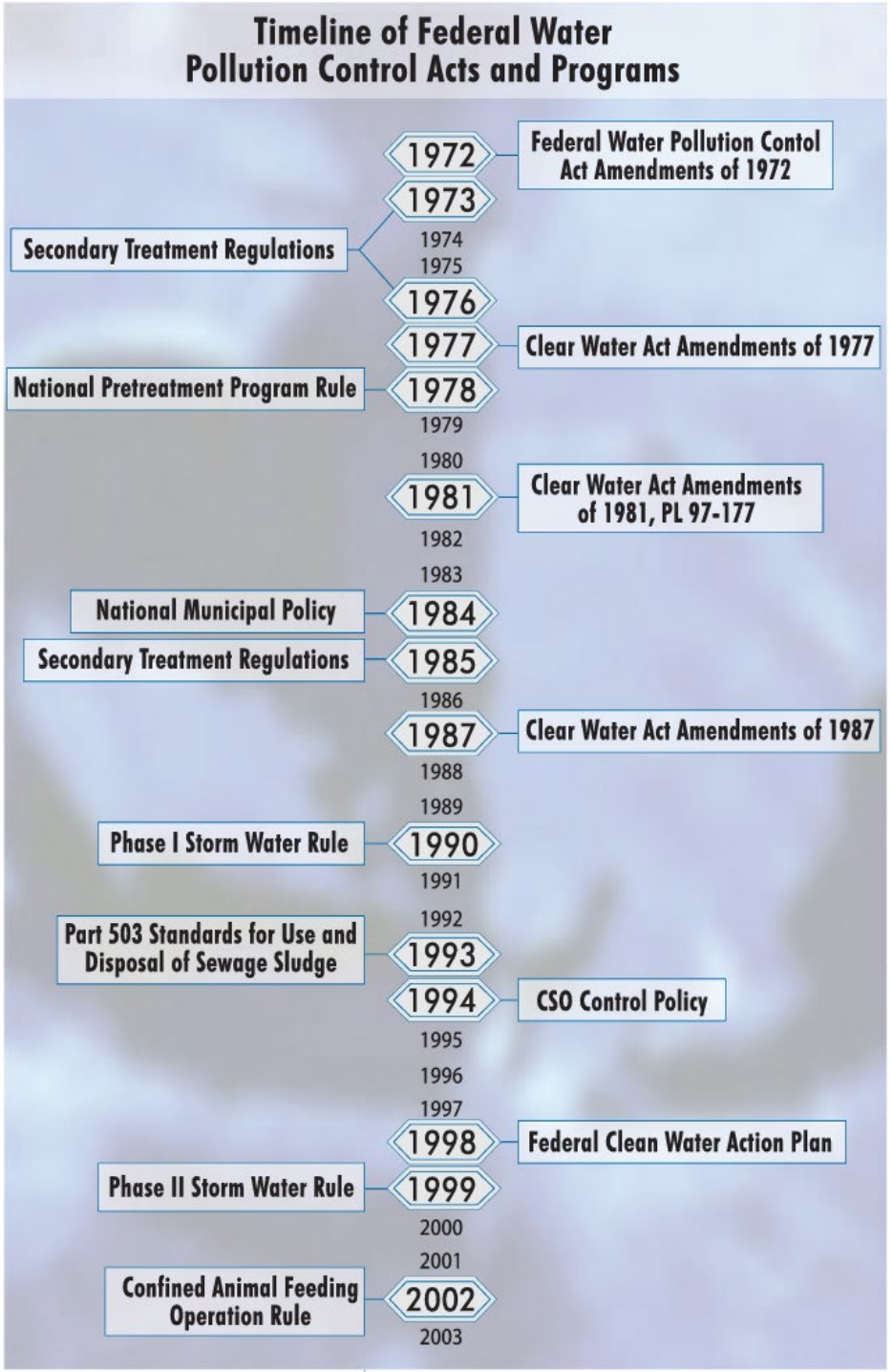


Federal Laws & Regulations



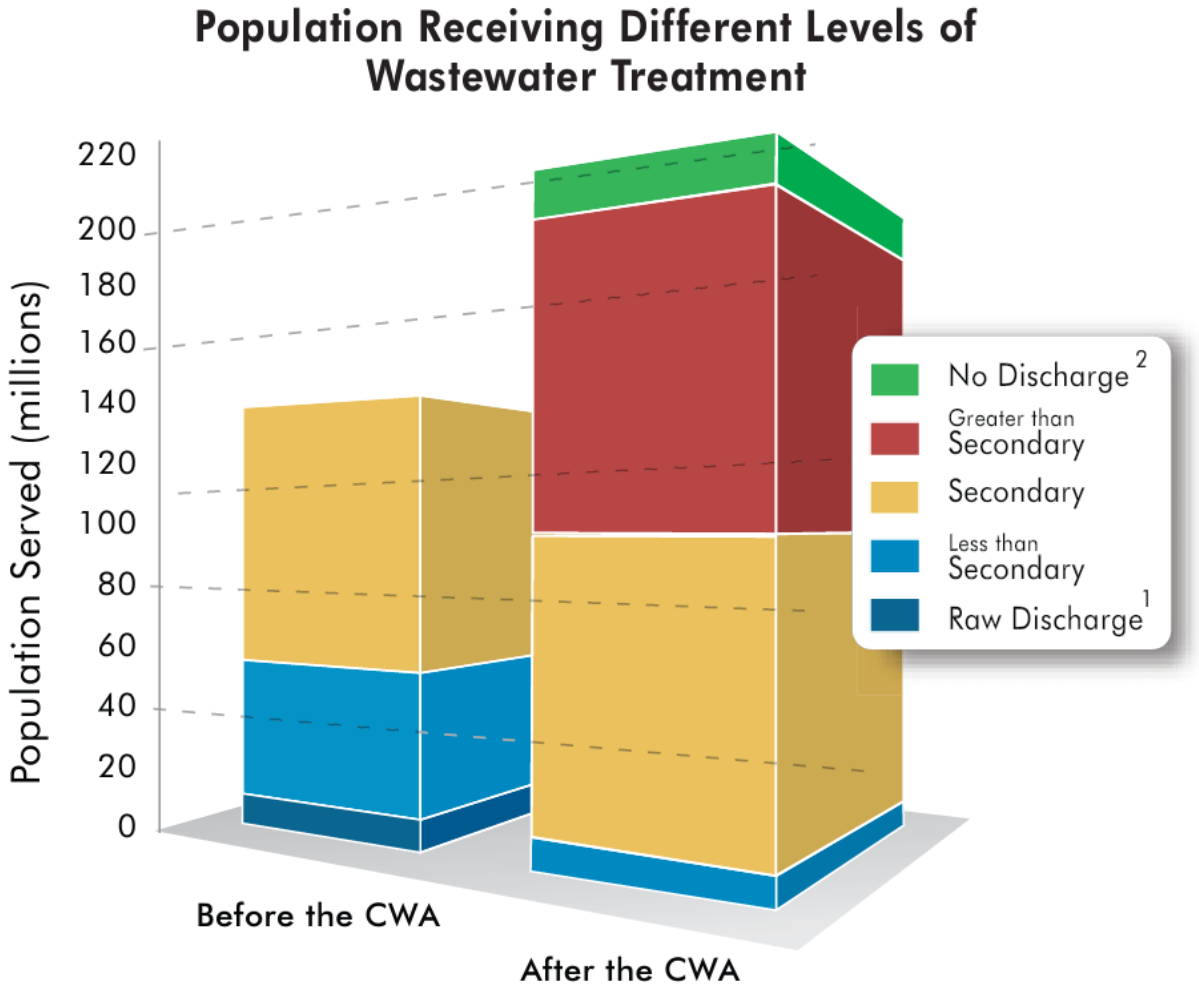
1969 Cuyahoga River Fire

The legal framework is continually evolving:



And it is working:

(Data form U.S. Public Health Service multi wastewater inventories: 2000 USEPA Clean Watershed Needs Survey)

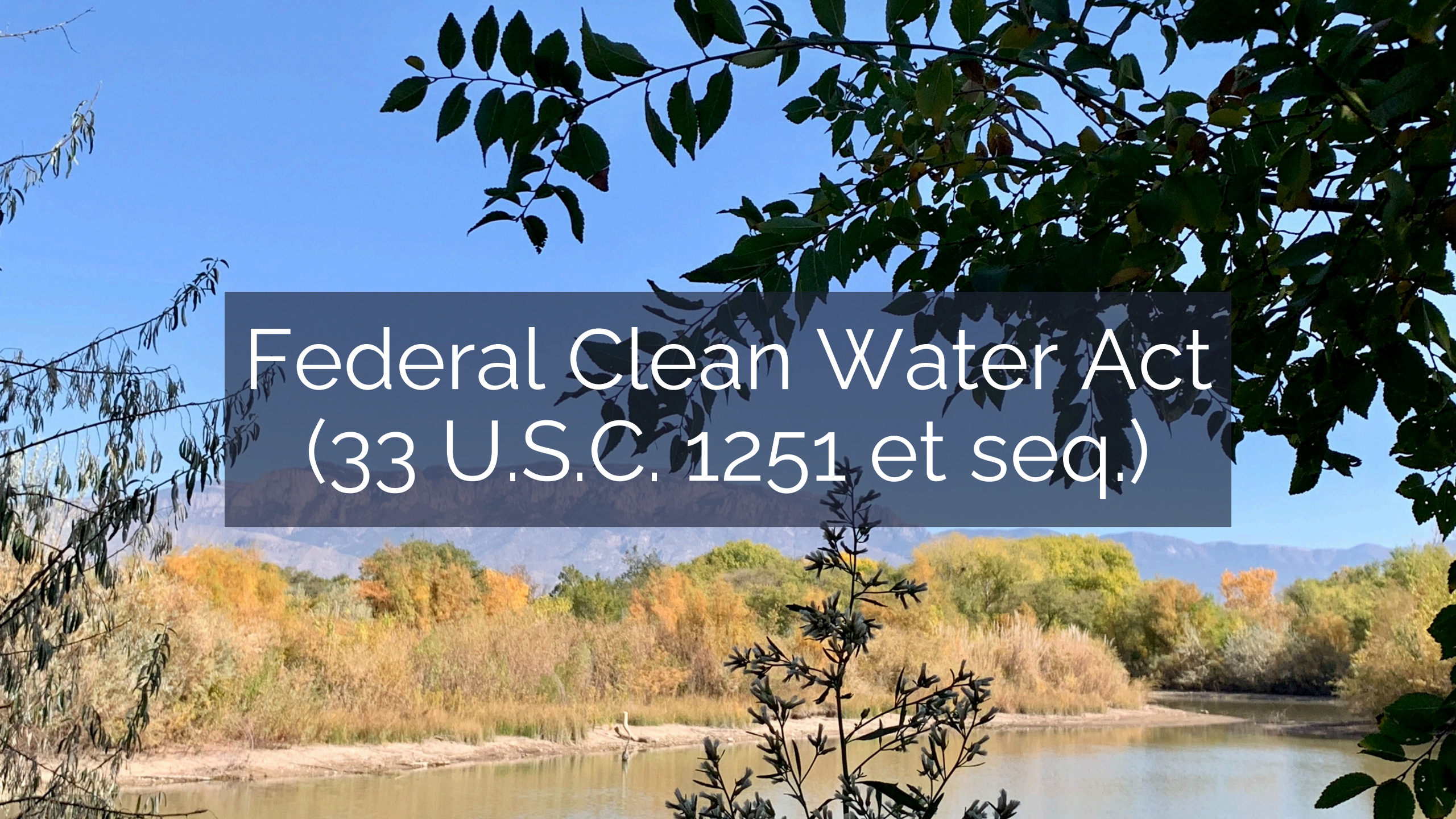


[1] Raw discharges were eliminated by 1996

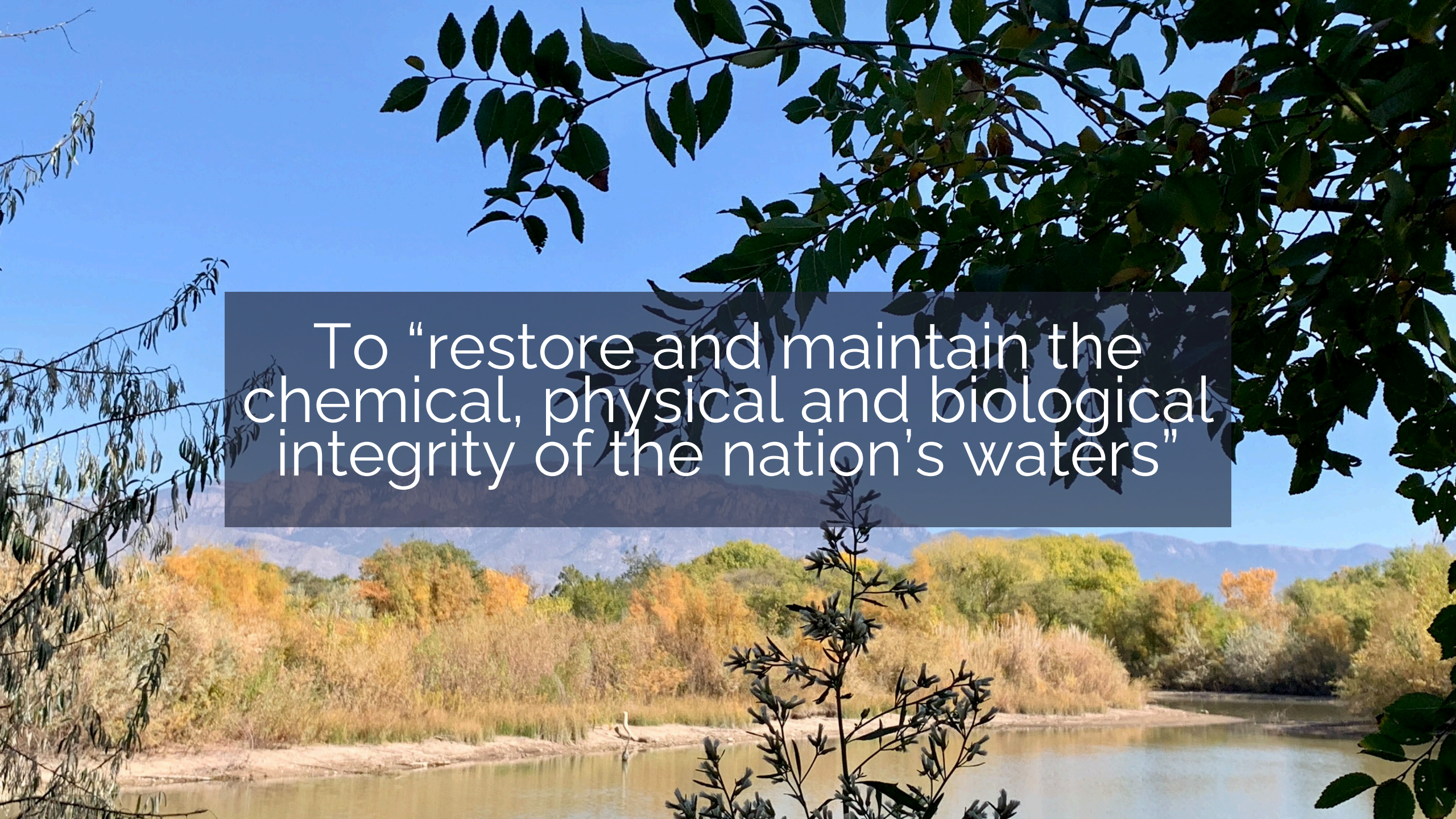
[2] Data for the "no-discharge" category were unavailable for 1968


Cuyahoga River Now


Cuyahoga River Now



Federal Clean Water Act (33 U.S.C. 1251 et seq.)


To “restore and maintain the chemical, physical and biological integrity of the nation’s waters”

National Goals

- Develop water quality standards by 1983
- Eliminate pollutants in navigable water by 1985
- Eliminate the discharge of toxic pollutants in toxic amounts
- Provide financial assistance to publicly owned treatment works (POTWs)
- Develop and implement adequate waste treatment management planning and control processes in each state
- Research and develop technology to eliminate pollutant discharges
- Develop and implement programs to control point and nonpoint sources of pollution

Primary CWA Elements:

- A system of minimum national effluent standards based upon available treatment technology
- A water quality standards system
- The National Pollutant Discharge Elimination System (NPDES), a permit program which provides enforceable limitations on dischargers;
- Provisions for special problems like toxic chemicals and oil discharges
- A construction grant/loan program for Publicly Owned Treatment Works (POTWs).

The regulations are there to (among other things) avoid this:



NPDES Permit Regulations

Surface Water Discharge


40 CFR 122-125, 129,
133, 136,etc.



Can't discharge "**pollutants**"

from a "**point source**"

into a "**Water of the United States**"

without an **NPDES Permit.**

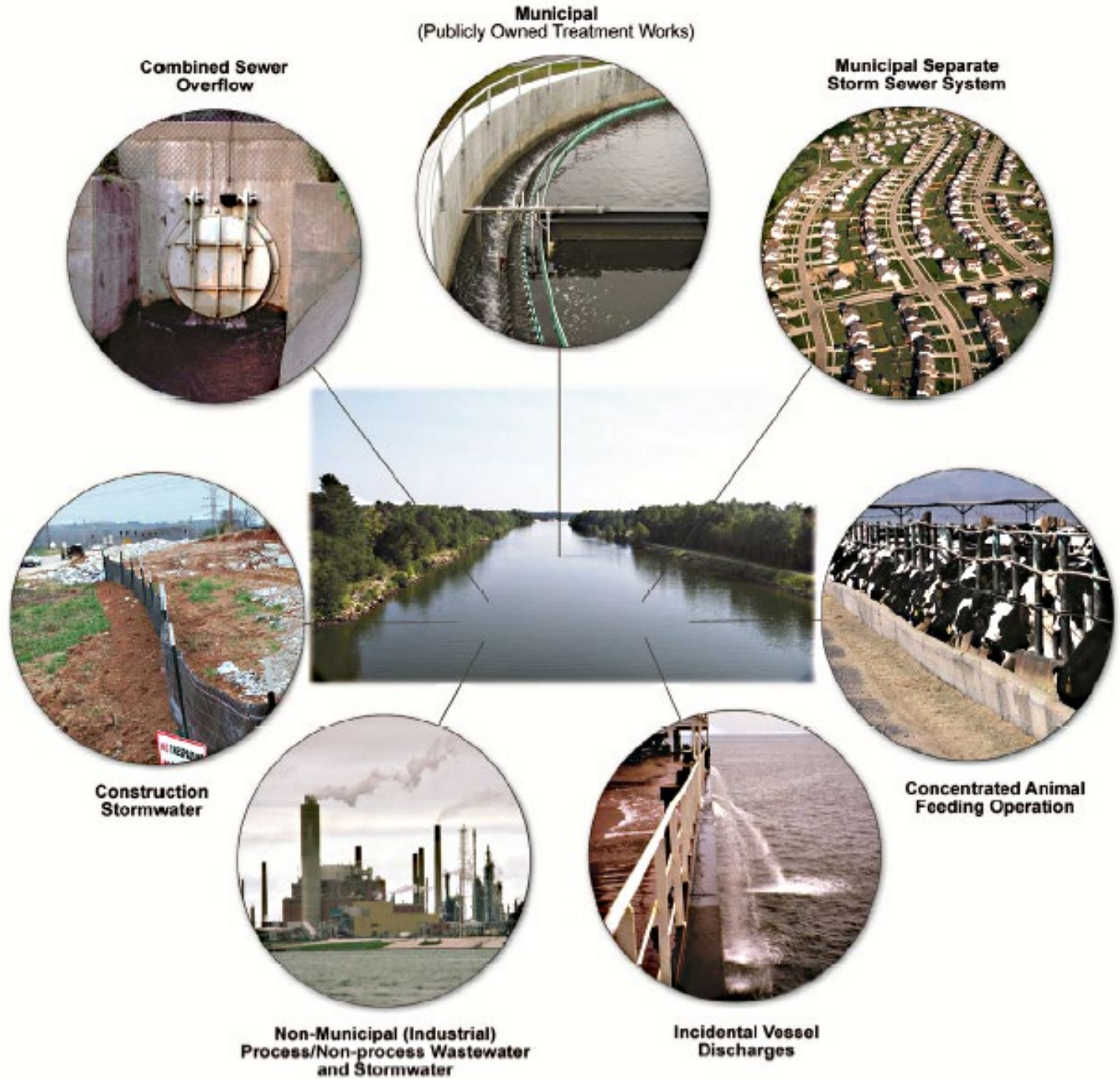
Pollutant:

Defined very broadly **in the Clean Water Act**. It includes any type of industrial, **municipal**, and agricultural **waste discharged into water**.

Point Source:

Any discernible, confined and discrete conveyance, such as a pipe, ditch, channel, tunnel, conduit, discrete fissure, or container.

Common Point Sources:



Water of the United States:

Defined very broadly in the **Clean Water Act** and after 25 years of litigation. It means **navigable waters, tributaries to navigable waters, interstate waters**, the oceans out to 200 miles, and **intrastate waters**…

NPDES Discharge Permitting

1) NPDES Permits have minimum levels of treatment based on secondary treatment processes
2) They may have other limitations to protect water quality
3) They allow for self-testing
4) NPDES Permits last 5 years – it is on the utility to renew
5) Test results are reported quarterly on a discharge monitoring report (DMR)

NPDES Discharge Permitting

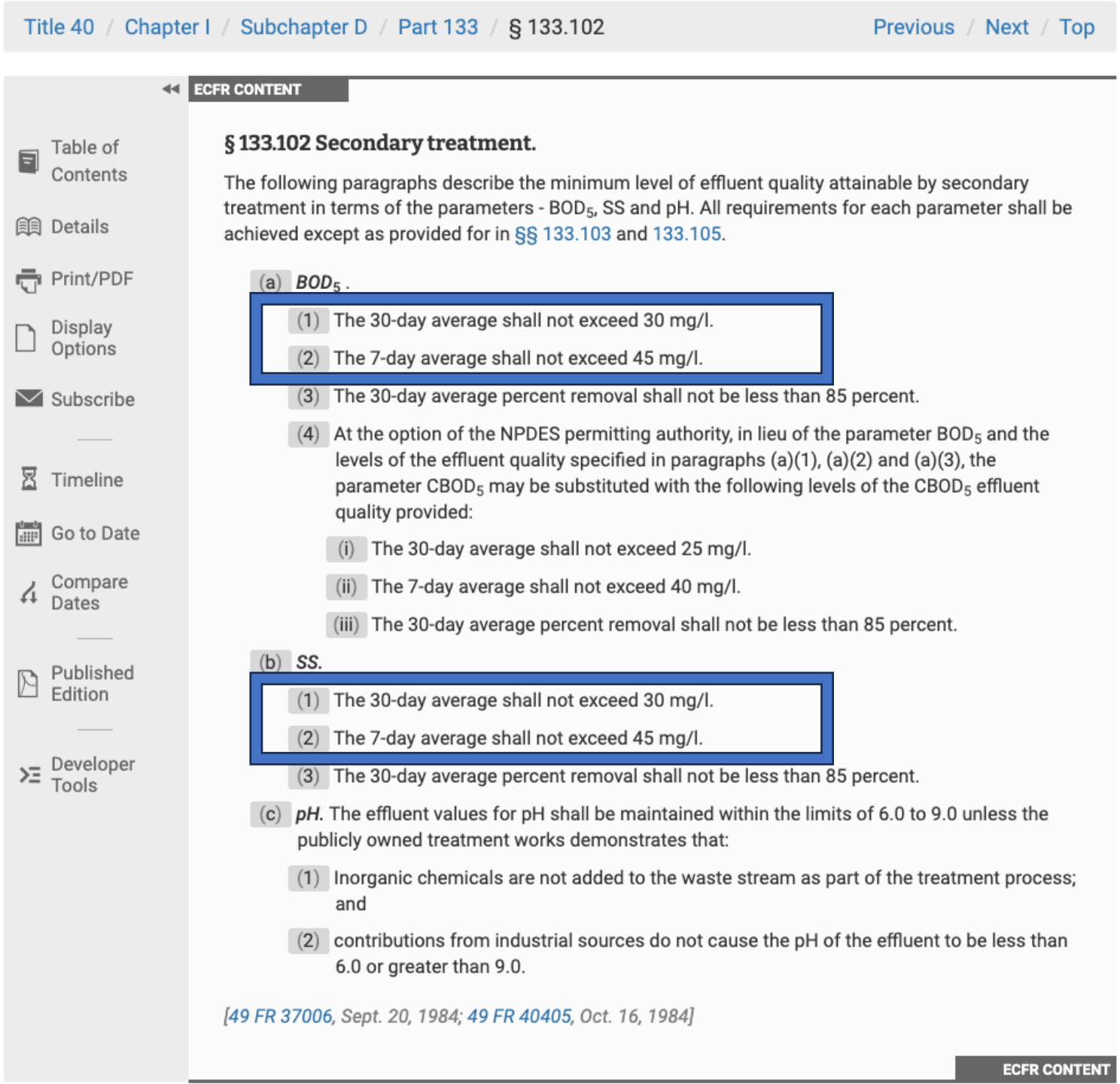
6) NPDES Permits provide for inspection of treatment works and collection of compliance verification samples

7) Permit violations can result in fines and criminal prosecution

8) Surface water discharge permits may come from the EPA or from a state agency that has been granted authority to administer the program. (Some states have this authority, others do not.)

9) You may be inspected may be by EPA, or your state agency

Minimum discharge limits are defined in federal regulations (40 CFR 133.102)



§ 133.102 Secondary treatment.

The following paragraphs describe the minimum level of effluent quality attainable by secondary treatment in terms of the parameters - BOD_5, SS and pH. All requirements for each parameter shall be achieved except as provided for in §§ 133.103 and 133.105.

(a) *BOD_5.*

(1) The 30-day average shall not exceed 30 mg/l.

(2) The 7-day average shall not exceed 45 mg/l.

(3) The 30-day average percent removal shall not be less than 85 percent.

(4) At the option of the NPDES permitting authority, in lieu of the parameter BOD_5 and the levels of the effluent quality specified in paragraphs (a)(1), (a)(2) and (a)(3), the parameter $CBOD_5$ may be substituted with the following levels of the $CBOD_5$ effluent quality provided:

(i) The 30-day average shall not exceed 25 mg/l.

(ii) The 7-day average shall not exceed 40 mg/l.

(iii) The 30-day average percent removal shall not be less than 85 percent.

(b) *SS.*

(1) The 30-day average shall not exceed 30 mg/l.

(2) The 7-day average shall not exceed 45 mg/l.

(3) The 30-day average percent removal shall not be less than 85 percent.

(c) *pH.* The effluent values for pH shall be maintained within the limits of 6.0 to 9.0 unless the publicly owned treatment works demonstrates that:

(1) Inorganic chemicals are not added to the waste stream as part of the treatment process; and

(2) contributions from industrial sources do not cause the pH of the effluent to be less than 6.0 or greater than 9.0.

[49 FR 37006, Sept. 20, 1984; 49 FR 40405, Oct. 16, 1984]

NPDES Discharge Limitations

Parameter	30-Day Average	7-Day Average	Maximum	Minimum
Flow	Report	N/A	Report	N/A
BOD5, mg/L	<30	<45	N/A	N/A
TSS, mg/L	<30	<45	N/A	N/A
Fecal Coliform, organisms/100 ml	<500	N/A	N/A	N/A
pH	N/A	N/A	9.0	6.0
Total Residual Chlorine, mg/L	N/A	N/A	<0.099 or "non-detectable"	N/A

Table 16.1 – Standard NPDES Limitations

Example permit testing periods and limits:

Parameter	Frequency	Sample Type
Flow	Daily	Totalized
pH	Daily	Continuous (allowed for this permit)
$CBOD_5$/TSS	Daily	24-hr Composite
% Removal	Monthly	Calculation
TRC	Applicable daily or 1/week*	Instantaneous Grab
E. coli Bacteria	Daily	Grab
DO	Daily	Instantaneous Grab
TDS	Monthly	24-hr Composite
Chlorides	Monthly	24-hr Composite
Sulfates	Monthly	24-hr Composite
Mercury	Once/week	Grab (allowed due to high potential for atmospheric contamination)
TIN	Once/quarter	24-hr Composite
Total ammonia (as N)	Once/quarter	24-hr Composite

* Daily when chlorine is used as either backup bacteria control or when disinfection of plant treatment equipment is required. Otherwise, once per week is required.

A summary of the technology-based (water quality-based for $CBOD_5$ concentration/loading) limits for the facility is:

Parameter	30-day Avg (lbs./day, unless noted)	7-day Max. (lbs./day, unless noted)	30-day Avg. (mg/L, unless noted)	7-day Max. (mg/L, unless noted)
$CBOD_5$*	9508	Report	15	22.5
$CBOD_5$, % removal[1]	≥ 85	---	---	---
TSS	19015	28522	30	45
TSS, % removal[1]	≥ 85	---	---	---
pH	N/A	N/A	6.0 to 9.0 s.u.	6.0 to 9.0 s.u.

*Limits are retained from previous permit to comply with NMWQS.

[1] Percent removal $= \frac{\text{average monthly influent concentration } \left(\frac{\text{mg}}{\text{L}}\right) - \text{average monthly effluent concentration } \left(\frac{\text{mg}}{\text{L}}\right)}{\text{average monthly influent concentration } \left(\frac{\text{mg}}{\text{L}}\right)} \text{ x } 100$

Sampling & Reporting

How we verify everything is working as it should...

Sample collection and analytical results required by your permit are reported on **Discharge Monitoring Reports (DMRs)**

Discharge Monitoring Reports

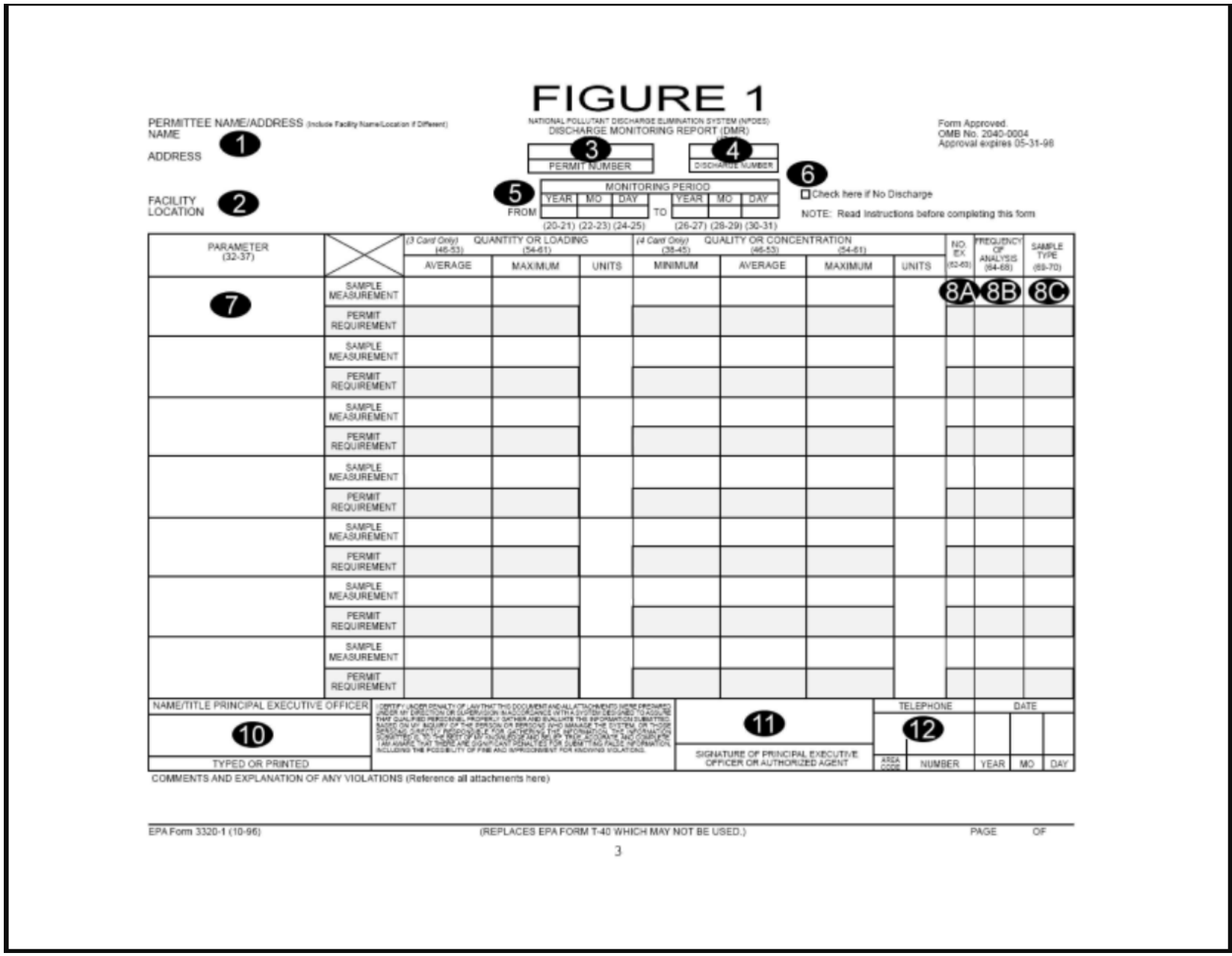


FIGURE 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-96

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME 1
ADDRESS

FACILITY LOCATION 2

3 PERMIT NUMBER

4 DISCHARGE NUMBER

5 MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

6 ☐ Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	AVERAGE	MAXIMUM (54-61)	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
7	SAMPLE MEASUREMENT								8A	8B	8C
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

10

TYPED OR PRINTED

CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

11

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 12
AREA CODE NUMBER

DATE
YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA Form 3320-1 (10-96) (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.) PAGE OF

3

https://www.epa.gov/sites/default/files/2015-09/documents/dmr.pdf

Frequency of Analysis Codes

FREQUENCY	DESCRIPTION
N/A	NOT APPLICABLE
N/R	NOT REPORTED
N/V	NOT VALID
01/07	WEEKLY
01/14	ONCE/2 WEEKS
01/21	ONCE/3 WEEKS
01/28	ONCE/4 WEEKS
01/30	ONCE/MONTH
01/90	QUARTERLY
02/DS	TWICE/DISCHARGE
02/DW	TWICE/DSCHWK
02/YR	SEMI-ANNUAL
02/01	TWICE/WEEK

FREQUENCY	DESCRIPTION
02/12	TWICE/12 DAYS
02/30	TWICE/MONTH
02/90	TWICE/QTRLY
03/DS	THREE/DISCHARGE
03/DW	3 DAYS/WEEK
03/7	THREE/WEEK
03/30	THREE/MONTH
04/07	FOUR/WEEK
04/30	FOUR/MONTH
05/07	WEEK-DAYS
05/WK	5 TIMES/WEEK
05/99	SEE PERMIT
CONT	CONTINUOUS

Discharge permits **specify reporting dates**.



Reported results are **compared to current permit limits** or **enforcement orders**.

DMRs are required **even if the facility didn't have a discharge in the reporting period.**

It's important that DMRs be:

- Accurate
- Timely
- Legible
- Complete

Bypass/Overflow/Upset Reports

- Bypasses, Overflows and Upsets are subject to a 24-hour Reporting requirement
- Oral report has to be made within 24 hours from when permittee becomes aware
- **Written submission** must be submitted within **5 days**

Other Schedules/Reports

- System may have other report requirements with compliance schedules:
  - Progress reports
  - Pre-treatment requirements
  - Toxicity
  - Sludge
  - Stormwater
  - Etc.
- The permit or enforcement action will spell out details

Requirements vary.
Read your permits
and study guides for
specifics.

Non-Compliance Reports

- If you don't comply with your permit – **you have to report it.**
- Individual permits will have specific requirements for **reporting anticipated non-compliance**
- **Some conditions which may endanger health or the environment have 24 hour reporting requirements**

Non-Compliance Reports

EPA REGION 6 NPDES NON-COMPLIANCE REPORT FORM

Facility Name:_____

NPDES Permit Number:_____

Name of Parameter & Description (e.g. TSS at Outfall 001, pH at Outfall 003, Sanitary Sewer Overflow at 123 Main St.)	Numeric Value (e.g., volume, concentration or load) (i.e., 67 mg/L daily max, 100 lbs/day or 100,000 gal)	Permit Limit (e.g. 45 mg/L)	Date of Violation	Duration of Violation	Cause of Violation (e.g., power failure, sludge pump failure)	Corrective Action/Health or Environmental Impact/Preventative Measures/Other Narrative (e.g., replaced pump, restored power, replaced backup generator, fish kill, applied disinfectant)

Reported by:_____ Date of Report:_____ Phone #:_____

Title:_____

You may enter your data online and print this form. This is an optional form that you may alter for your own purposes.

Signature I/we certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Figure 2

NCRs have to include:

- **Type** of violation – parameter & outfall
- **Date** of violation – date or date range
- **Duration** of violation
- **Cause** of violation
- **Corrective action**/Health or Environmental Impact/Preventive Measures/Other Narrative

Contact EPA's Pacific Southw
Ask Gemini
epa.gov/aboutepa/forms/contact-epa-region-9
An official website of the United States government Here's how you know

About EPA
- Our Mission and What We Do
- EPA Organization Chart
- Headquarters Offices
- Regional Offices
- Labs and Science Advisory Organizations
- U.S. States and Territories Environmental Agencies
- Mailing Addresses and Phone Numbers

Contact EPA

Contact EPA's Pacific Southwest (Region 9)

EPA's Pacific Southwest (Region 9) implements and enforces federal environmental laws in Arizona, California, Hawaii, Nevada, the Pacific Islands, and 148 Tribal Nations.

On this page:

- Main Office
- Other Office Locations
- Contacts, Hotlines, Hours of Operation
- **Send Us a Comment or Question**

Additional Resources

- About the Pacific Southwest Region
- Pacific Southwest Media Center
- Press and Media Contacts
- Visiting EPA Pacific Southwest

Main Office

US EPA Pacific Southwest, Region 9
75 Hawthorne St.
San Francisco, CA 94105
Toll Free: (866) EPA-WEST
Direct: (415) 947-8000

Other Pacific Southwest Offices

Southern California Field Office

915 Wilshire Boulevard
Los Angeles, CA 90017
(213) 244-1800

Pacific Islands Office

300 Ala Moana Blvd., Room 5-152
Honolulu, HI 96850
(808) 541-2710

San Diego Border Office

880 Front St., Suite 3210
San Diego, CA 92101
(619) 235-4765

Flagstaff Field Office

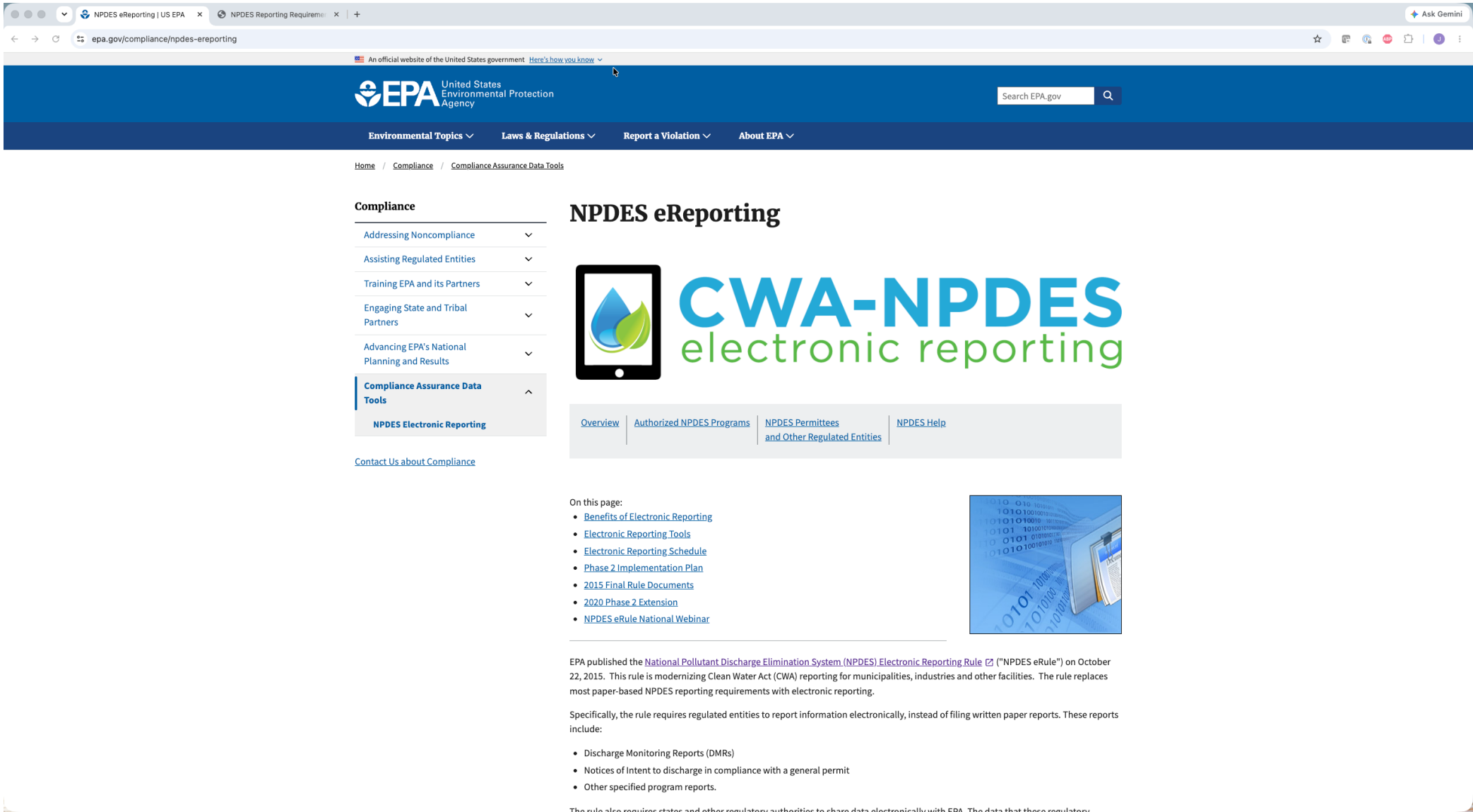
2255 N Gemini Rd.
Flagstaff, AZ 86001
Toll Free: (866) EPA-WEST
Direct: (415) 947-8000

Contacts, Hotlines, Hours of Operation

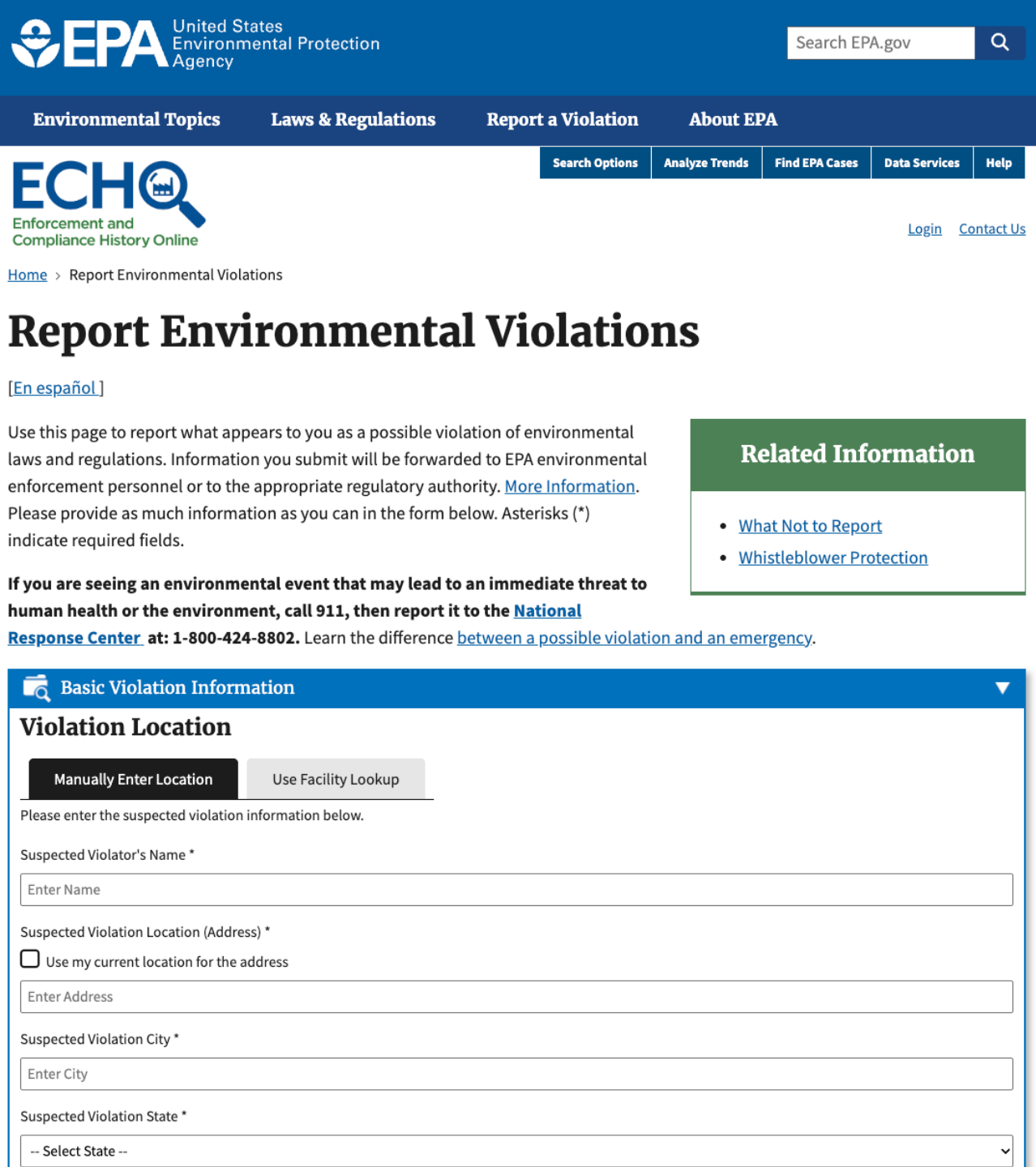
EPA Pacific Southwest (Region 9) Contacts, Hotlines, Hours of Operation

Topic	Contact

Electronic Reporting:



Non-Compliance Reports



United States Environmental Protection Agency

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ECHO Enforcement and Compliance History Online

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Home › Report Environmental Violations

Report Environmental Violations

[En español]

Use this page to report what appears to you as a possible violation of environmental laws and regulations. Information you submit will be forwarded to EPA environmental enforcement personnel or to the appropriate regulatory authority. More Information. Please provide as much information as you can in the form below. Asterisks (*) indicate required fields.

Related Information

- What Not to Report
- Whistleblower Protection

If you are seeing an environmental event that may lead to an immediate threat to human health or the environment, call 911, then report it to the National Response Center at: 1-800-424-8802. Learn the difference between a possible violation and an emergency.

Basic Violation Information

Violation Location

Manually Enter Location | Use Facility Lookup

Please enter the suspected violation information below.

Suspected Violator's Name *

Enter Name

Suspected Violation Location (Address) *

☐ Use my current location for the address

Enter Address

Suspected Violation City *

Enter City

Suspected Violation State *

-- Select State --

Your reported results go into a searchable EPA database.



It's public information.

NPDES Noncompliance Annu
Ask Gemini
echo.epa.gov/npdes-noncompliance-annual-report
An official website of the United States government Here's how you know

NPDES Noncompliance Annual Report

The National Pollutant Discharge Elimination System (NPDES) Noncompliance Report (NNCR) stems from 40 CFR §123.45. This requires U.S. EPA to produce online quarterly and annual noncompliance reports with the minimum content specified within the regulation. The annual NNCR is a summary of compliance monitoring and enforcement activities within each state, tribe, and territory. It also includes summary information on violations identified in the four quarterly NNCRs for that federal fiscal year. To search detailed violation information included in the quarterly NNCRs, visit the Quarterly NPDES Noncompliance Report Search.

Help

State/Territory
4 of 61

Annual NPDES Noncompliance Report (NNCR)

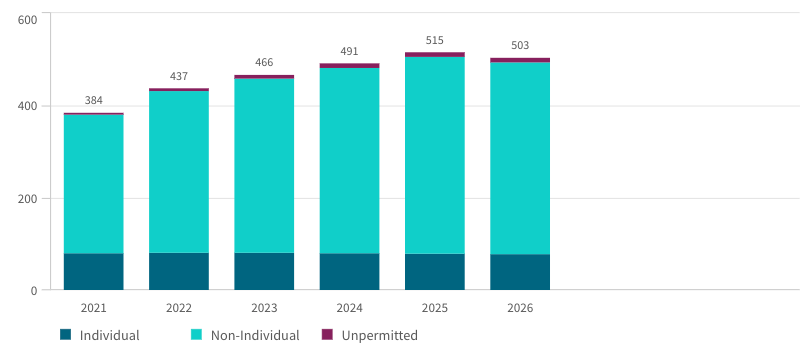
For best user experience, use Google Chrome and try adjusting the browser zoom level.

Tour Dashboard | Documentation

Federal Fiscal Year | EPA Region | State/Territory | Tribe | Major/Non-Major
Permitting Agency | Permit Type | Permit Group | SIC | NAICS | Lead Agency

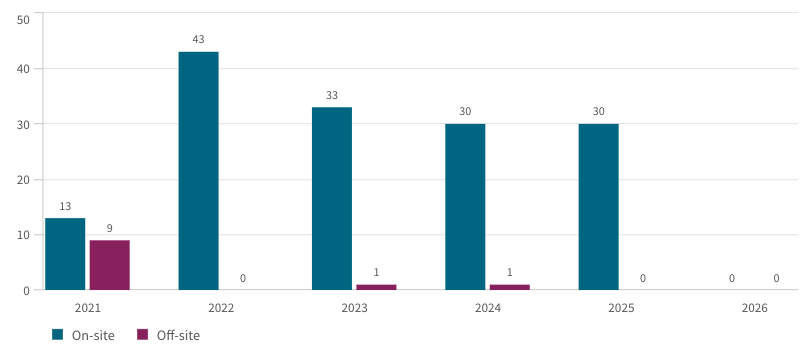
Facilities

Facilities by Permit Group



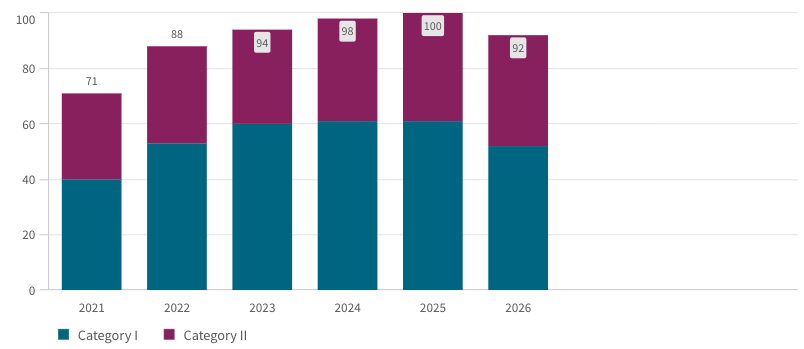
Compliance Monitoring Activities

Facilities with Compliance Monitoring



Violations

Facilities with Violations



Enforcement Actions

Facilities with Enforcement Actions

Enforcement Actions with Penalties Assessed

Facilities with Penalties Assessed

Penalties Assessed

Penalties Assessed

Quick Search

Search Options

Analyze Trends

Find EPA Cases

Data Services

Help

News

Quick Search

Search By

Location | Facility Name/ID

Enter city, state, and/or zip code

Search

More Search Options

Use EPA's Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations. You can use ECHO to:

- Search for Facilities
- Investigate Pollution Sources
- Search for EPA Enforcement Cases
- Examine and Create Enforcement-Related Maps
- Analyze Trends in Compliance & Enforcement Data

Read the Quick Start Guide

Watch a Video Tutorial

Explore the Tool Guide

Pollutant Loading Report (DMR)

Help

ALBUQUERQUE CITY OF SOUTHSIDE WATER RECLAMATION PLANT, ALBUQUERQUE, 87105

NPDES ID: NM0022250
FRS ID: 110000567075
Other NPDES IDs associated with this FRS ID: NMR05GC52
TRI ID(s): None
Facility Type: POTW
Permit Type: NPDES Individual Permit
Permit Effective Date: 12/01/2019
Permit Expiration Date: 11/30/2024
Major/Non-Major Indicator: Major
Permit Issuance: EPA REGION 06
Approved Pretreatment Program: Yes
Combined Sewer Overflow (CSO) Outfall: No
County: BERNALILLO
Congressional District: New mexico's 1st District

Latitude: 35.0177
Longitude: -106.6661
Facility Design Flow (Permit Application) (MGD): 60
Actual Average Facility Flow (Permit Application) (MGD): --
Average Facility Flow in 2023 (DMR) (MGD): 47.3
4-Digit SIC Code: 4952 - SEWERAGE SYSTEMS
6-Digit NAICS Code: --
Likely Point Source Category: --

- View Detailed Facility Report
- View Effluent Charts
- View Permit Limits and Monitoring Requirements
- View NPDES Monitoring Data Download
- View DMR and TRI Multi-Year Loading Report

Select Reporting Year: 2023

Top Pollutants | Facility Loading Calculations

Top Pollutants by Pounds (DMR, 2023)

Pollutant Name	Total Pounds (lb/yr)	Max Allowable Load (lb/yr)
Solids, total dissolved	7,220,202	
Chloride	1,342,468	
Sulfate	1,273,937	
Solids, total suspended	77,643	589,465
Inorganic Nitrogen	65,472	196,478
BOD, carbonaceous, 05 day, 20 C	32,798	294,748
Ammonia as N	2,154	19,654
Mercury	0.0089	0.1550
Total Residual Chlorine	0	135
Phosphorus	0	

Download All Data

Top Pollutants by Toxic-Weighted Pounds (TWPE) (DMR, 2023)

Pollutant Name	Total TWPE (lb-eq/yr)	Max Allowable Load (lb-eq/yr)
Chloride	32.69	
Sulfate	7.13	
Ammonia as N	2.39	21.82
Mercury	0.9753	17.05
Total Residual Chlorine	0	67.31
Arsenic	0	
Polychlorinated biphenyls	0	

Download All Data

– *Indicates value contains loads that are calculated using data that has been flagged as potential outliers or data errors.*

– *Indicates there was one or more exceedances of permit effluent limits for this pollutant sometime during the year. You can hover over the yellow flag to see the load over limit value.*



Receiving Water Information

State Water Body Name (ICIS):
RIO GRANDE


Violations may lead to enforcement actions or lawsuits

NPDES Program Authorizations

Who manages NPDES in your location?

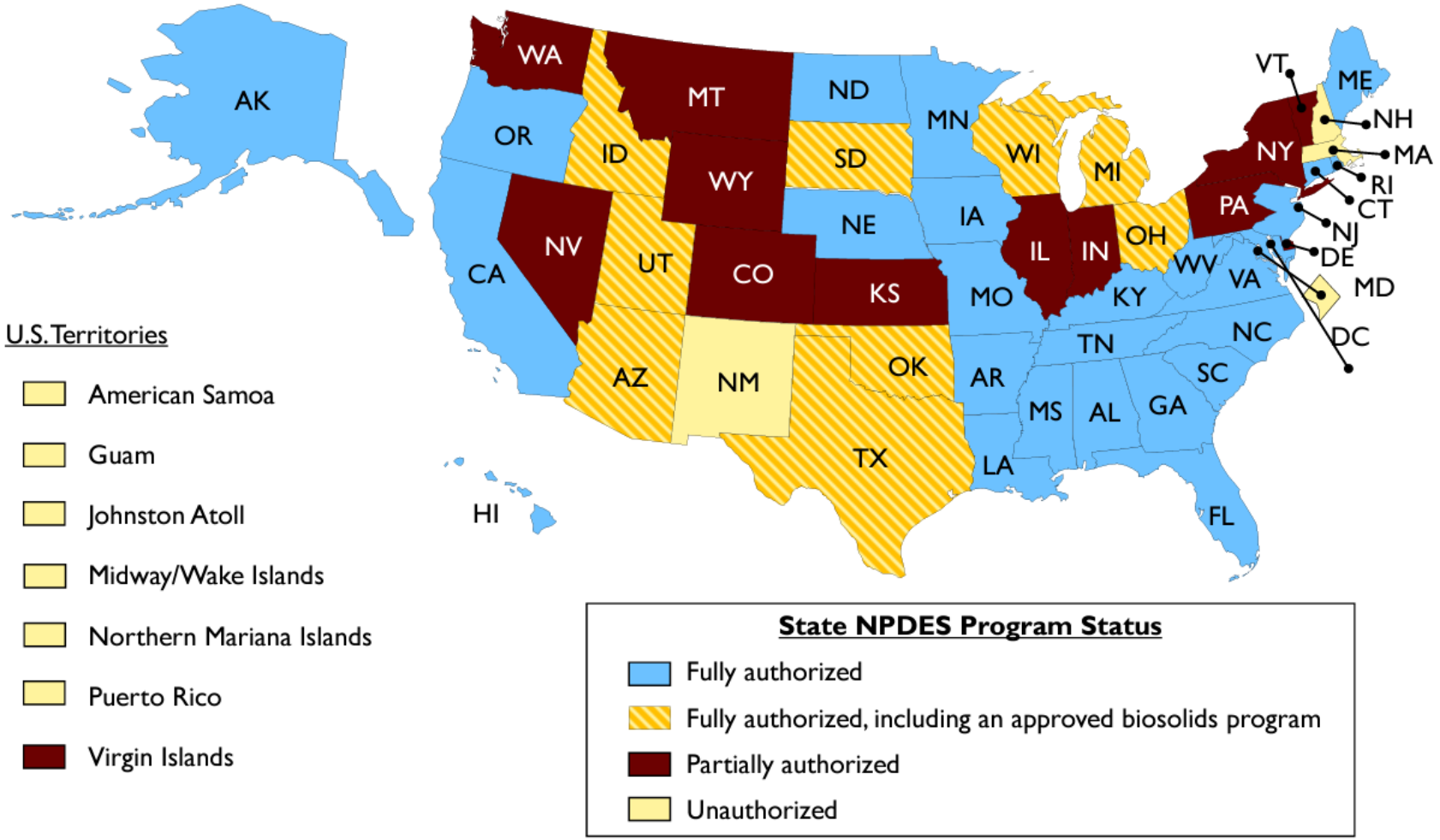
Upon approval of a State program, the Administrator shall suspend the issuance of Federal permits for those activities subject to the approved State program.

40 CFR Section 123.1(d)(1)

Who manages NPDES permitting in your jurisdiction?

NPDES Program Authorizations

(as of July 2019)



Who manages NPDES permitting in your jurisdiction?

Status of State Approval

State or Territory	Authorized State NPDES Permit Program	Authorized to Regulate Federal Facilities	Authorized State Pretreatment Program	Authorized General Permits Program	Authorized Biosolids (Sludge) Program
Alabama	10/19/1979	10/19/1979	10/19/1979	06/26/1991	
Alaska	10/31/2008	10/31/2008	10/31/2008	10/31/2008	
American Samoa					
Florida	05/01/1995	05/01/2000	05/01/1995	05/01/1995	
Georgia	06/28/1974	12/08/1980	03/12/1981	01/28/1991	
Guam					
North Dakota	06/13/1975	01/22/1990	09/16/2005	01/22/1990	
Northern Mariana Islands					
Ohio	03/11/1974	01/28/1983	07/27/1983	08/17/1992	03/16/2005[4]
Puerto Rico					
Virgin Islands	06/30/1976	05/08/2014		12/26/2007	
Virginia	03/31/1975	02/09/1982	04/14/1989	04/20/1991	

Notice! As the state transitions from the COVID-19 emergency, please contact your local Water Board to arrange necessary file reviews. ×

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CALIFORNIA WATER BOARDS State Water Resources Control Board

Board | Programs | Drinking Water | Water Quality | Water Rights | Notices | Water Boards | Search

Home | Water Issues | Programs | Npdes

National Pollutant Discharge Elimination System (NPDES) - Wastewater

DO I NEED AN NPDES PERMIT?

Protecting Water Quality NPDES
State Water Resources Control Board

If you discharge pollutants from a point source to a water of the United States you need an NPDES permit.

As authorized by the Clean Water Act, the NPDES Permit Program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. Point sources are discrete conveyances such as pipes or man-made ditches. Examples of pollutants include, but are not limited to, rock, sand, dirt, and agricultural, industrial, and municipal waste discharged into waters of the United States. See section 122.2 of 40 Code of Federal Regulations for the definitions of point source, pollutant, and water of the United States.

The NPDES Program is a federal program which has been delegated to the State of California for implementation through the State Water Resources Control Board (State Water Board) and the nine Regional Water Quality Control Boards (Regional Water Boards), collectively Water Boards. In California, NPDES permits are also referred to as waste discharge requirements (WDRs) that regulate discharges to waters of the United States.

Since its introduction in 1972, the NPDES Program has been responsible for significant improvements to our nation's and state's water quality.

QUICK LINKS

- Where Do I Discharge / Where Should I Get My Permit?
- Regional Board Contacts
- Program Information:
  Programs & Policies | Permit Types & Fees | Databases & Reports | Roles & Contact Information
- Regional Water Board NPDES Program Managers
- The Role of the State and Regional Water Quality Control Boards
- Fees
- Email Subscription Information
- Contacts at the State Water Board

WHERE DO I DISCHARGE? WHERE SHOULD I GET MY PERMIT?

The map below shows the nine Regional Water Board boundaries which are based on watersheds. Using the map, determine where your discharge will occur and contact the appropriate Regional Water Board NPDES Program Manager for that region. The contact information for the Regional Water Board NPDES Program Managers is shown in the table below.

State and Regional Water Board Email Subscription Information

Receive notifications, updates and other correspondence by email. Subscribe online to our electronic mailing lists:

- Statewide Issues (under State Water Resources Control Board, Water Quality Topics)
  Electronic Mailing Lists that may be of interest to NPDES Dischargers are:
  - *Discharge Monitoring Reports [(DMR) List]*
  - *Electronic Self Monitoring Reports [(eSMR) List]*
  - *Fee Regulations (Water Quality List)*
  - *Pesticides (Water Quality List)*
  - *Utility Vaults (Water Quality List)*
- Region-Specific Issues Lists (under California Regional Water Quality Control Boards)

State Water Boards Contacts

For Questions or Comments, send an email to:

- **CIWQS**
  Jarma Bennett
  Jarma.Bennett@waterboards.ca.gov
- **Permit Standardization**
  Renan Jauregui
  Renan.Jauregui@waterboards.ca.gov
- **Pesticide Permits**
  PesticidesNPDES@Waterboards.ca.gov
- **Pretreatment**
  Gurgagn Chand
  NPDES_Wastewater@Waterboards.ca.gov
- **NPDES Utility Vaults Permit**
  UtilityVaultsNPDES@waterboards.ca.gov
- **USEPA's Vessel Discharges General Permit**
  Calvgp_cert@waterboards.ca.gov
- **NPDES Wastewater Permitting General In**
  Renan Jauregui
  Renan.Jauregui@waterboards.ca.gov
- **NPDES Stormwater General Inquiries**
  stormwater@waterboards.ca.gov
- **Sanitary Sewer Systems General Order**
  SanitarySewer@waterboards.ca.gov
- **Discharge Monitoring Reports (US EPA**

ADEQ Arizona Department of Environmental Quality

SEARCH GO >

HOME | ABOUT | PERMIT AND COMPLIANCE ASSISTANCE | PROGRAMS | ONLINE SERVICES | MY COMMUNITY | RECORDS CENTER | EMAPS

QUICK PAY myDEQ



< RETURN TO WELCOME TO ADEQ

The Importance of Issuing Environmental Permits

Revised on: November 16, 2021 - 11:13am

Arizona's environmental regulations strive to protect and enhance public health while facilitating economic growth in environmentally responsible ways. To support these regulations, ADEQ issues permits and inspects facilities to ensure they operate within the permit's terms.

ADEQ requires that facilities are legally built, operated and monitored so that discharges to the air, water and soil are within acceptable standards that protect human health and the environment. When issuing a permit, ADEQ staff determines the operation's environmental impact and establishes operating conditions that, when complied with, will not adversely affect the environment.

Permits inform facilities of legally enforceable conditions for operation, as well as provide any reporting requirements and pollution monitoring or testing requirements. The process also enables citizens to stay informed and involved as decisions are made about proposed activities affecting the environmental quality of their community.

General Permits (GP)

GPs are available for the regulation of numerous, very similar, and generally smaller facilities and sources that have similar emissions and discharges. For example, with respect to permitting requirements, one dry cleaning business is like most others, just as sand and gravel pits are all about the same. As long as the applicant agrees to conduct its proposed activities under the pre-set limits established by the permit, it will be able to operate under any general permit for which it is eligible.

Individual Permits (IPs)

IPs are those permits issued on a case-by-case basis and are specific to each applicant facility. Individual permits usually are most appropriate for the regulation of large or complex facilities and sources.

CONTACT PERMIT LIAISONS

Air Quality Permit Liaison
602-771-2338
Email >

Water Quality Permit Liaison
602-771-1440
Email >

Waste Permit Liaisons
For: Solid and Biohazardous
Ph: 602-771-4670
For: Hazardous Waste
Ph: 602-771-0349
Email >
For: Underground Storage Tanks
Ph: 602-771-4196
Email >

SEE MORE

Compliance Enforcement Handbook >
Check Permit Application Status >
View Itemized Billable Hourly Report >

PERMIT/REGISTRATION FORMS

List of All Forms >

LAWS, RULES & POLICIES

Accessibility >

(i) **Nothing** in this part **precludes a State from**:

(1) Adopting or enforcing **requirements which are more stringent or more extensive** than those required under this part;

(2) **Operating a program with a greater scope of coverage** than that required under this part. If an approved State program has greater scope of coverage than required by Federal law the additional coverage is not part of the Federally approved program.

40 CFR Section 123.1(i)

Water Quality - Permits

- Clean Water Program
  - Clean Water Permits
    - Public Notice and Participation in Permits
    - For Permittees
    - Policies and guidance
    - Permits by Category
    - Contacts
- Exposure

Welcome to the Permits Section web page. We issue permits for discharges of pollution to waters of the state, including groundwater.

Our job is to ensure that the permits we write and issue are protective of the uses of those waters, like drinking water, aquatic life, agriculture, and recreation.

Here is a quick overview of how permits work in Colorado.



Clean water permitting sectors

Commerce and industry, construction, municipal separate storm sewer systems (MS4), domestic sewage systems, biosolids, pesticides, reclaimed water, pretreatment, and contacts.

Colorado:

Colorado permits for TWO Water Quality Laws

1. **Federal Clean Water Act**
   - In 1975, EPA delegated the authority to administer the Clean Water Act discharge permitting program to the State of Colorado. 40 Fed. Reg. 16713 (April 14, 1975).
     - EPA still issues permits for federal facilities, like Army bases
   - 1975 delegation memo is at page 4 of this link
   - applies to Waters of the United States
2. **Colorado Water Quality Control Act**
   - applies not just to federal waters but ALL state waters - even groundwater

Surface Water Discharge Permitting



Ground Water Discharge Permitting



What if your state doesn't have primacy?

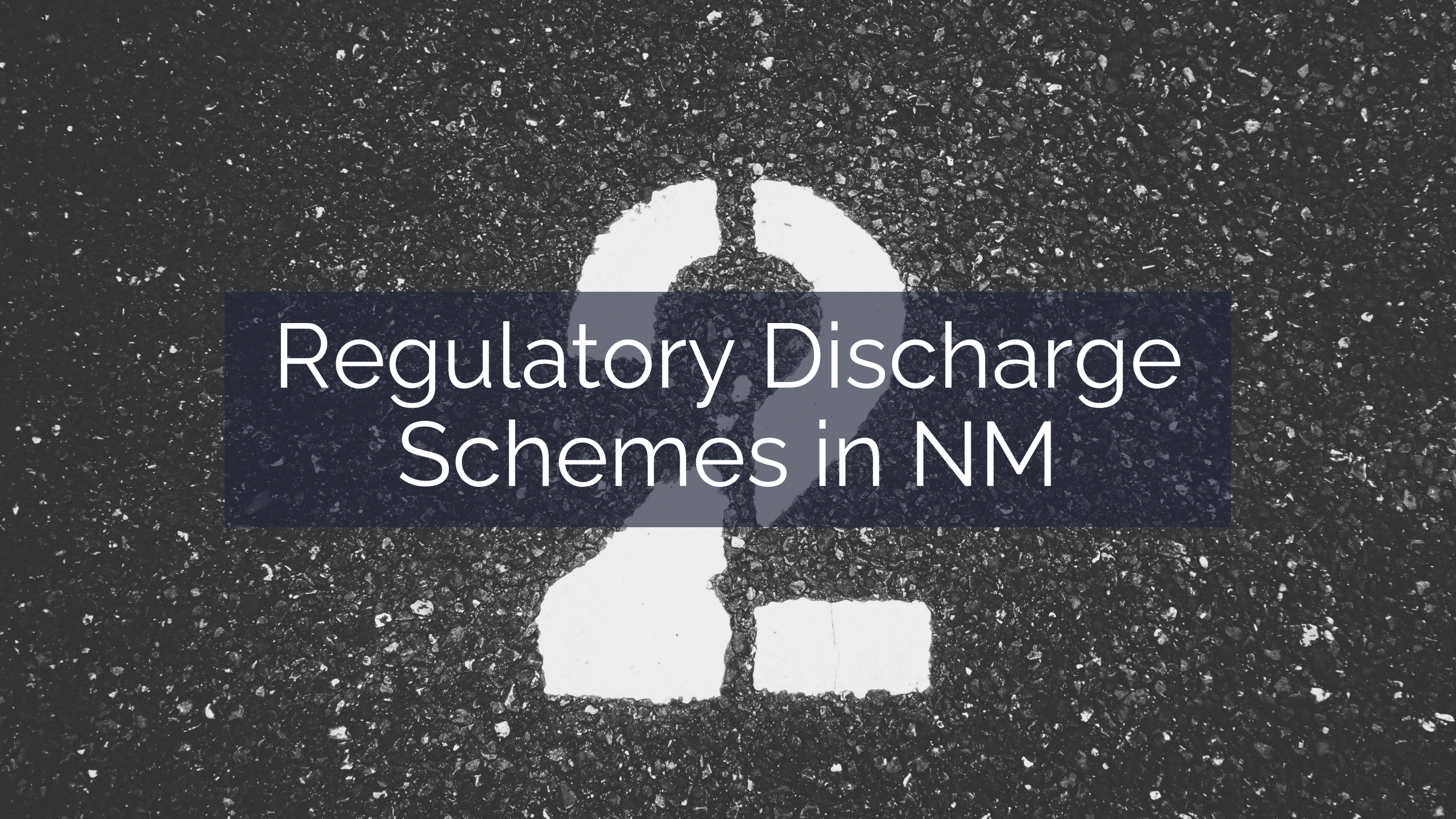
Then who manages NPDES in your state?

Surface Water Discharge Permitting



Ground Water Discharge Permitting




Regulatory Discharge Schemes in NM

Surface Water Discharge **Ground Water** Discharge





& two permitting and enforcement agencies

Ground Water Discharge Permitting

A state example

NM Ground Water Regulations

20.6.2 NMAC

CLOSE

Permitting

Ground Water Quality Bureau Home

Permitting

Clean-ups

Funding and Assistance

The Permitting Program of the Ground Water Quality Bureau consists of the Agriculture Compliance Section, Mining Environmental Compliance Section, and Pollution Prevention Section. Together, these sections issue groundwater discharge permits pursuant to 20.6.2 NMAC (The New Mexico Ground and Surface Water Protection Regulations), 20.6.6 NMAC (Supplemental Permitting Requirements for Dairy Facilities), and 20.6.7 NMAC (Supplemental Permitting Requirements for Copper Mining Faculties) to ensure that industry, wastewater facilities and other activities that discharge water to the environment do not result in groundwater contamination. Permits must be renewed every 5 years.

Public notices of permit applications and draft permits are available on the NMED Public Notices page.

Types of facilities that NMED issues permits for include:

- domestic wastewater facilities;
- large capacity (greater than 5,000 gallons per day) septic tank leachfield systems;
- power generating facilities;
- dairy facilities;
- chile processors;
- mining operations;
- other commercial and industrial operations (when not served by sanitary sewers); and
- groundwater clean-up systems

Permitting Program Site Lists

Contact us

Phone Number: 505-827-2900
E: gwqb.general@state.nm.us

A list of Bureau staff contacts is available here.

Register for email updates hosted for us by GovDelivery.
The registration process will ask for your email address, then take you through your subscription options for various topics as well as setting individual subscriber preferences.

New Mexico Ground Water Discharge Permit Application

NEW MEXICO ENVIRONMENT DEPARTMENT
GROUND WATER QUALITY BUREAU

GROUND WATER DISCHARGE PERMIT APPLICATION

Instructions for completing the application are included in the form itself and in the Supplemental Instructions found at the back of the application. You may fill out the application manually, or a Microsoft Word version may be downloaded from www.env.nm.gov (Ground Water Quality) and filled out electronically. Timely processing of this application is contingent upon the technical completeness of the submission. Failure to provide all of the information pursuant to Section 20.6.2.3106 NMAC, following notice of technical deficiency, may result in denial of the application.

Send two complete paper copies AND one electronic copy of this application, with the filing fee to:
Program Manager
Ground Water Pollution Prevention Section
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502

Introduction

Facility Name: _____

GWQB – Date of Receipt
(Department use only)

For Existing Discharge Permits:
DP Number: _____
Expiration Date: _____

Type of Discharge (*check one*):

- ☐ Domestic
- ☐ Industrial
- ☐ Agricultural
- ☐ Mining

Type of Application (*check appropriate box*)

- ☐ New – new facility
- ☐ New – existing (unpermitted) facility
- ☐ Renewal only
- ☐ Modification only
  "modification" includes a change in the location of a discharge, and/or increase in the quantity of the discharge, and/or a change in the quality of the discharge.
- ☐ Renewal and Modification

If this application is to *modify* or *renew and modify* a Discharge Permit, what is the reason for modification of the Discharge Permit? Describe the proposed changes that would result in modification, meaning a change in the location of a discharge, and/or an increase in the quantity of the discharge, and/or a change in the quality of the discharge.

Fees Included with Application
All applicants are required to submit a **$100 Application Filing Fee**. An additional fee will be assessed prior to permit issuance. Permit fees are listed in section 20.6.2.3114 NMAC. **Make checks payable to: NMED-Ground Water Quality Bureau**

Application Checklist
The following checklist has been provided to assist in ensuring that the application is complete prior to submission (*check all that apply*):

☐	Part I. Administrative Completeness ☐ $100 Application Filing Fee ☐ A. General Information ☐ B. Public Notice Information ☐ C. Public Notice Preparation
☐	Part II. Technical Completeness ☐ A. Discharge Volume and Description ☐ B. Identification and Physical Description of Facility ☐ C. Flow Metering ☐ D. Ground Water Monitoring ☐ E. Engineering and Surveying (electronic copies) ☐ F. Land Application Area ☐ G. Closure Plan
☐	Part III. Site-Specific Proposals
☐	Part IV. Electronic (PDF) format of Maps and Logs is required (additional paper copies of maps and logs are optional and may be requested by the Department if required for review) ☐ A. Surface Soil Survey and Vadose Zone Geology ☐ B. Location Map ☐ C. Flood Zone Map

Copies of Application
An applicant applying for a Discharge Permit shall submit **two paper copies of the signed application, and an electronic copy of the signed application including all supporting documentation**, to the address listed below.

- ☐ Two paper copies – completed and signed
- ☐ Electronic copy in portable document format (PDF) of the signed application and all supporting documentation (designs, maps, logs), on the following media *(choose one)*:
  - ☐ Compact disc (CD)/DVD
  - ☐ Flash drive

Send application and fees to the following address:
Program Manager
Ground Water Pollution Prevention Section
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502

Applicant's Signature
Signature must be that of the person listed as the legally responsible party on this application (Part I, 2a).

I, the applicant, attest under penalty of law to the truth of the information and supporting documentation contained in this application for a Ground Water Discharge Permit.

Signature: _____ Date: _____

Printed Name: _____ Title: _____

NM Discharge Plan Example

1) **Ground water Discharge Plans** are administered by **NMED** Ground Water Quality Bureau
2) **Discharge Plans** apply to systems discharging **> 2000 gpd**
3) Most (but not all) NM systems operate under Discharge Plans
4) Are issued for **5 years**
5) **May require effluent limits** or might rely on ground water monitoring
6) **Sometimes** allow effluent with nitrates over the NM Water quality standard

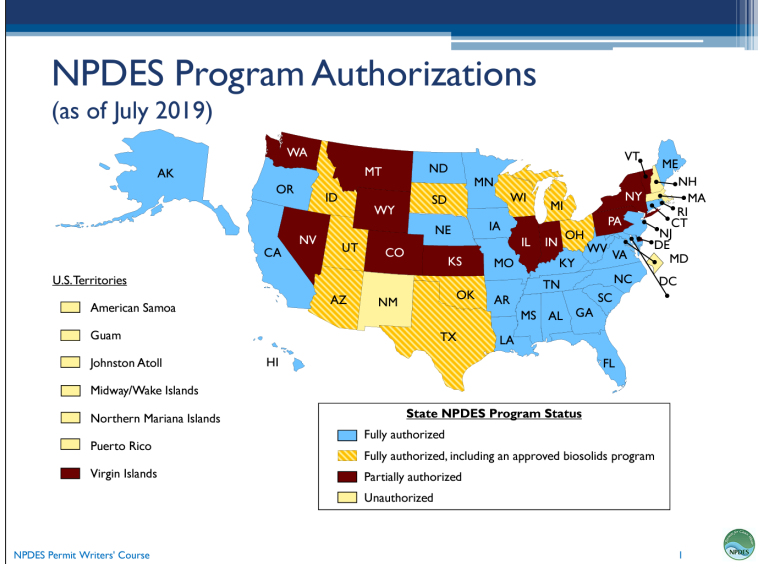
NM Discharge Plans

7) Monitoring **samples must be analyzed under methodologies in NMAC**, Title 20
8) **Large facilities may** analyze their own samples
9) **Most small and medium** sized **dischargers** use **contract labs**
10) Monitoring reports are **filed with NMED – GWQB** generally quarterly

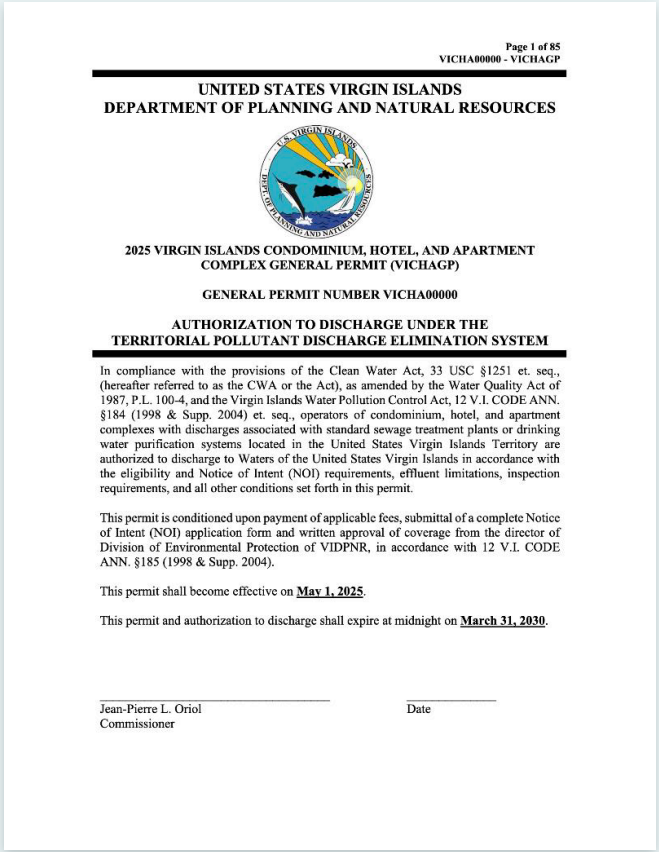
Most (but not all) NM systems operate under Discharge Plans

In New Mexico you have to know both sets of regs for the OP cert exam.

What's your situation?



U.S. Virgin Islands:



Page 1 of 85
VICHA00000 - VICHAGP

UNITED STATES VIRGIN ISLANDS
DEPARTMENT OF PLANNING AND NATURAL RESOURCES

2025 VIRGIN ISLANDS CONDOMINIUM, HOTEL, AND APARTMENT COMPLEX GENERAL PERMIT (VICHAGP)

GENERAL PERMIT NUMBER VICHA00000

AUTHORIZATION TO DISCHARGE UNDER THE TERRITORIAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, 33 USC §1251 et. seq., (hereafter referred to as the CWA or the Act), as amended by the Water Quality Act of 1987, P.L. 100-4, and the Virgin Islands Water Pollution Control Act, 12 V.I. CODE ANN. §184 (1998 & Supp. 2004) et. seq., operators of condominium, hotel, and apartment complexes with discharges associated with standard sewage treatment plants or drinking water purification systems located in the United States Virgin Islands Territory are authorized to discharge to Waters of the United States Virgin Islands in accordance with the eligibility and Notice of Intent (NOI) requirements, effluent limitations, inspection requirements, and all other conditions set forth in this permit.

This permit is conditioned upon payment of applicable fees, submittal of a complete Notice of Intent (NOI) application form and written approval of coverage from the director of Division of Environmental Protection of VIDPNR, in accordance with 12 V.I. CODE ANN. §185 (1998 & Supp. 2004).

This permit shall become effective on **May 1, 2025**.

This permit and authorization to discharge shall expire at midnight on **March 31, 2030**.

Jean-Pierre L. Oriol
Commissioner

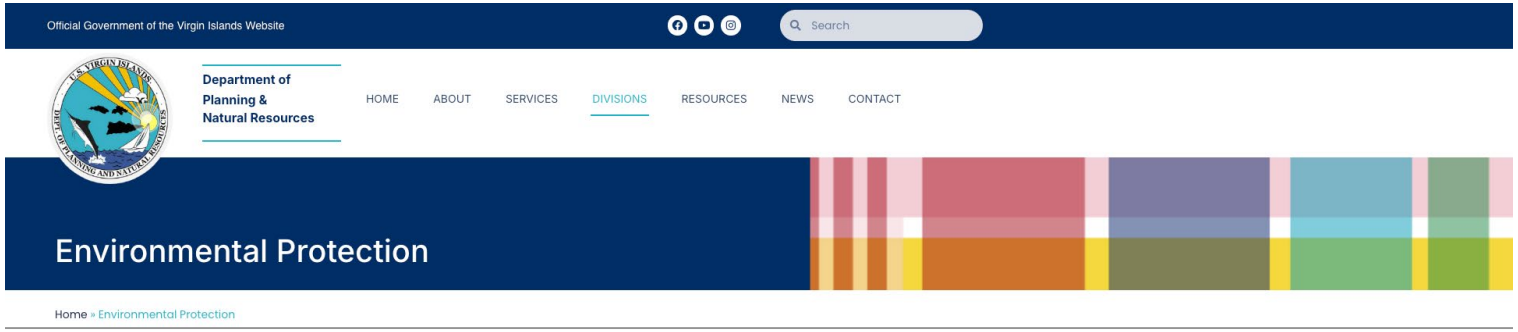
Date

SAMPLE PERMIT

OVERSEEING AGENCY

Virgin Islands Department of Planning and Natural Resources (VIDPNR)

Division of Environmental Protection · Water Pollution Control Program (TPDES)

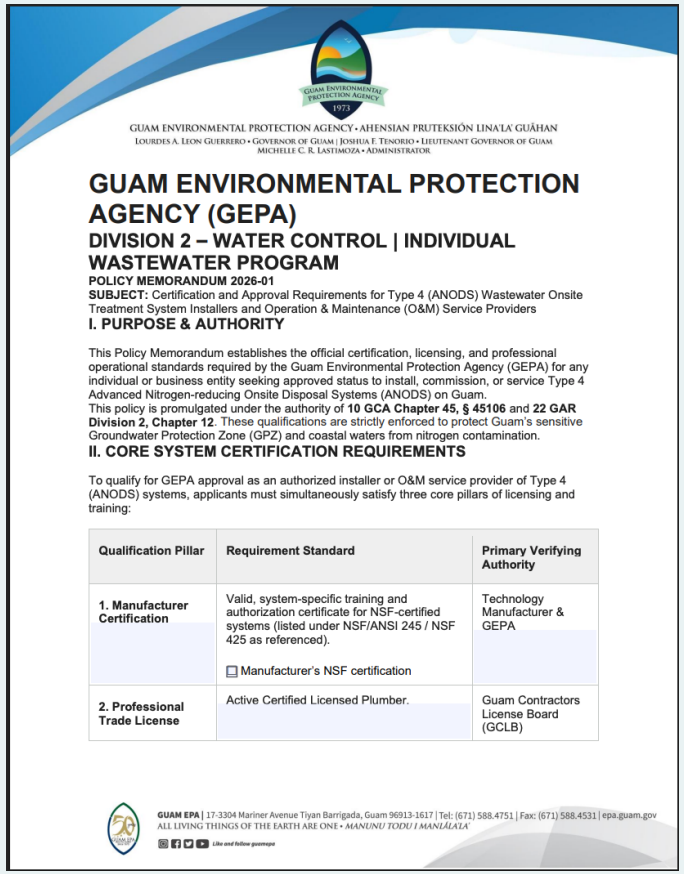


About Environmental Protection

The Division of Environmental Protection envisions a future for United States Virgin Islands' residents, and visitors, wherein the quality of life is enhanced by the quality of their environment. We will assess sustain, preserve, and enhance environmental qualities in partnership with communities and businesses, and in concert with the economic vitality of the Territory.
The Division of Environmental Protections is a regulatory body within the Department of Planning and Natural Resources. In collaboration with various other DPNR divisions, the Division of Environmental Protection is entrusted with the responsibility for environmental protections and with the enforcement of USVI environmental laws and regulations and certain national environmental laws, as delegated by the United States Environmental Protection.



Guam:



GUAM ENVIRONMENTAL PROTECTION AGENCY • AHENSIAN PRUTEKSIÓN LINA'LA' GUÅHAN
LOURDES A. LEON GUERRERO • GOVERNOR OF GUAM | JOSHUA F. TENORIO • LIEUTENANT GOVERNOR OF GUAM
MICHELLE C. R. LASTIMOZA • ADMINISTRATOR

GUAM ENVIRONMENTAL PROTECTION AGENCY (GEPA)
DIVISION 2 – WATER CONTROL | INDIVIDUAL WASTEWATER PROGRAM
POLICY MEMORANDUM 2026-01
SUBJECT: Certification and Approval Requirements for Type 4 (ANODS) Wastewater Onsite Treatment System Installers and Operation & Maintenance (O&M) Service Providers

I. PURPOSE & AUTHORITY

This Policy Memorandum establishes the official certification, licensing, and professional operational standards required by the Guam Environmental Protection Agency (GEPA) for any individual or business entity seeking approved status to install, commission, or service Type 4 Advanced Nitrogen-reducing Onsite Disposal Systems (ANODS) on Guam.
This policy is promulgated under the authority of **10 GCA Chapter 45, § 45106** and **22 GAR Division 2, Chapter 12**. These qualifications are strictly enforced to protect Guam's sensitive Groundwater Protection Zone (GPZ) and coastal waters from nitrogen contamination.

II. CORE SYSTEM CERTIFICATION REQUIREMENTS

To qualify for GEPA approval as an authorized installer or O&M service provider of Type 4 (ANODS) systems, applicants must simultaneously satisfy three core pillars of licensing and training:

Qualification Pillar	Requirement Standard	Primary Verifying Authority
1. Manufacturer Certification	Valid, system-specific training and authorization certificate for NSF-certified systems (listed under NSF/ANSI 245 / NSF 425 as referenced). ☐ Manufacturer's NSF certification	Technology Manufacturer & GEPA
2. Professional Trade License	Active Certified Licensed Plumber.	Guam Contractors License Board (GCLB)

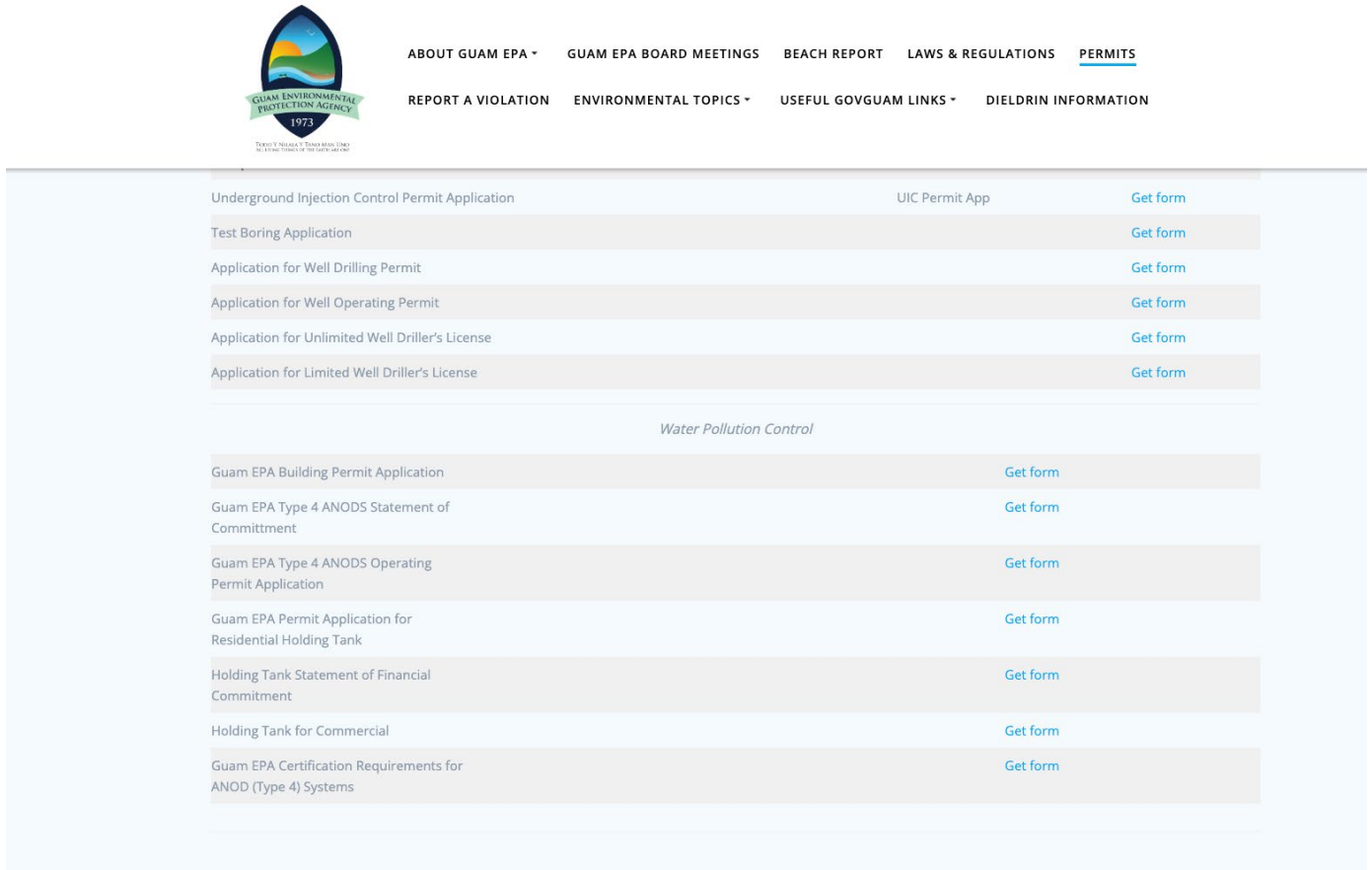
GUAM EPA | 17-3304 Mariner Avenue Tiyan Barrigada, Guam 96913-1617 | Tel: (671) 588.4751 | Fax: (671) 588.4531 | epa.guam.gov
ALL LIVING THINGS OF THE EARTH ARE ONE • *MANUNU TODU I MANILÅLAYA*

GEPA Policy Memorandum

OVERSEEING AGENCY

Guam Environmental Protection Agency (Guam EPA)

Water Pollution Control Program · One-Stop Permit Window



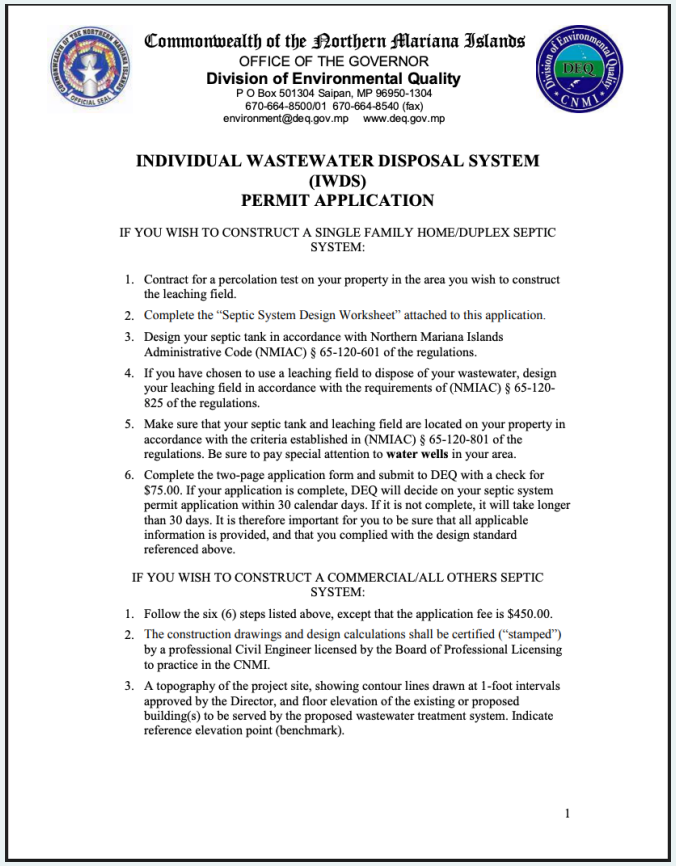
ABOUT GUAM EPA | GUAM EPA BOARD MEETINGS | BEACH REPORT | LAWS & REGULATIONS | PERMITS
REPORT A VIOLATION | ENVIRONMENTAL TOPICS | USEFUL GOVGUAM LINKS | DIELDRIN INFORMATION

Underground Injection Control Permit Application	UIC Permit App	Get form
Test Boring Application		Get form
Application for Well Drilling Permit		Get form
Application for Well Operating Permit		Get form
Application for Unlimited Well Driller's License		Get form
Application for Limited Well Driller's License		Get form

Water Pollution Control

Guam EPA Building Permit Application	Get form
Guam EPA Type 4 ANODS Statement of Committment	Get form
Guam EPA Type 4 ANODS Operating Permit Application	Get form
Guam EPA Permit Application for Residential Holding Tank	Get form
Holding Tank Statement of Financial Commitment	Get form
Holding Tank for Commercial	Get form
Guam EPA Certification Requirements for ANOD (Type 4) Systems	Get form

Northern Mariana Islands:



Commonwealth of the Northern Mariana Islands
OFFICE OF THE GOVERNOR
Division of Environmental Quality
P O Box 501304 Saipan, MP 96950-1304
670-664-8500/01 670-664-8540 (fax)
environment@deq.gov.mp www.deq.gov.mp

INDIVIDUAL WASTEWATER DISPOSAL SYSTEM (IWDS) PERMIT APPLICATION

IF YOU WISH TO CONSTRUCT A SINGLE FAMILY HOME/DUPLEX SEPTIC SYSTEM:

1. Contract for a percolation test on your property in the area you wish to construct the leaching field.
2. Complete the "Septic System Design Worksheet" attached to this application.
3. Design your septic tank in accordance with Northern Mariana Islands Administrative Code (NMIAC) § 65-120-601 of the regulations.
4. If you have chosen to use a leaching field to dispose of your wastewater, design your leaching field in accordance with the requirements of (NMIAC) § 65-120-825 of the regulations.
5. Make sure that your septic tank and leaching field are located on your property in accordance with the criteria established in (NMIAC) § 65-120-801 of the regulations. Be sure to pay special attention to **water wells** in your area.
6. Complete the two-page application form and submit to DEQ with a check for $75.00. If your application is complete, DEQ will decide on your septic system permit application within 30 calendar days. If it is not complete, it will take longer than 30 days. It is therefore important for you to be sure that all applicable information is provided, and that you complied with the design standard referenced above.

IF YOU WISH TO CONSTRUCT A COMMERCIAL/ALL OTHERS SEPTIC SYSTEM:

1. Follow the six (6) steps listed above, except that the application fee is $450.00.
2. The construction drawings and design calculations shall be certified ("stamped") by a professional Civil Engineer licensed by the Board of Professional Licensing to practice in the CNMI.
3. A topography of the project site, showing contour lines drawn at 1-foot intervals approved by the Director, and floor elevation of the existing or proposed building(s) to be served by the proposed wastewater treatment system. Indicate reference elevation point (benchmark).

1

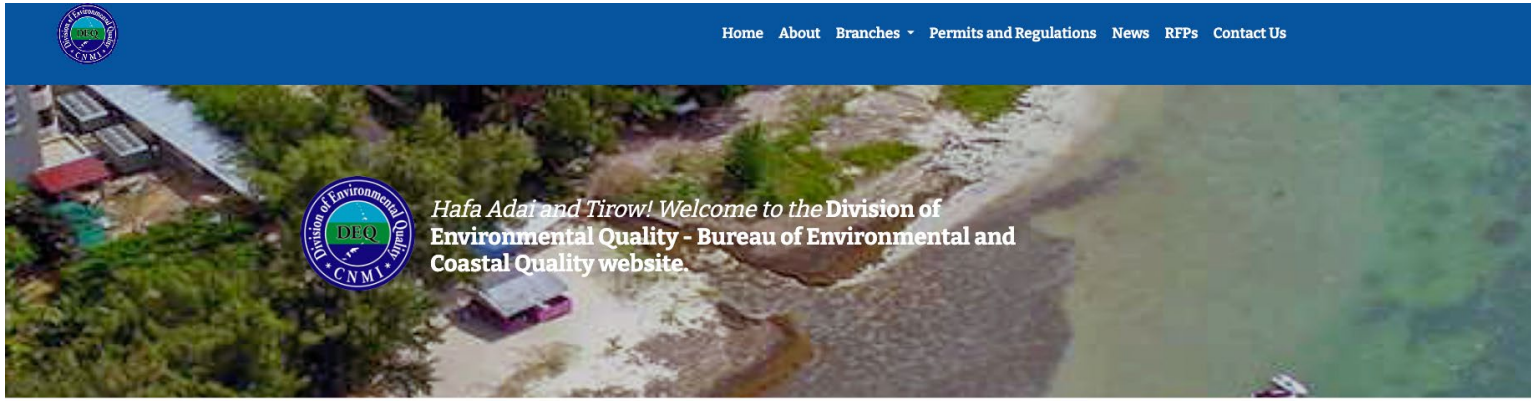
PERMIT APPLICATION

BECQ-DEQ Individual Wastewater Disposal System (IWDS) Permit Application (rev. 3/15/10), p.1

OVERSEEING AGENCY

Bureau of Environmental and Coastal Quality (BECQ)

Division of Environmental Quality · Wastewater, Earthmoving & Erosion Control Branch



Wastewater, Earthmoving, Erosion Control Branch

DEQ's Wastewater, Earthmoving and Erosion Control branch protects public health and the environment by minimizing negative impacts to CNMI soil surface and ground water resources through enforcement of local and federal environmental regulations.

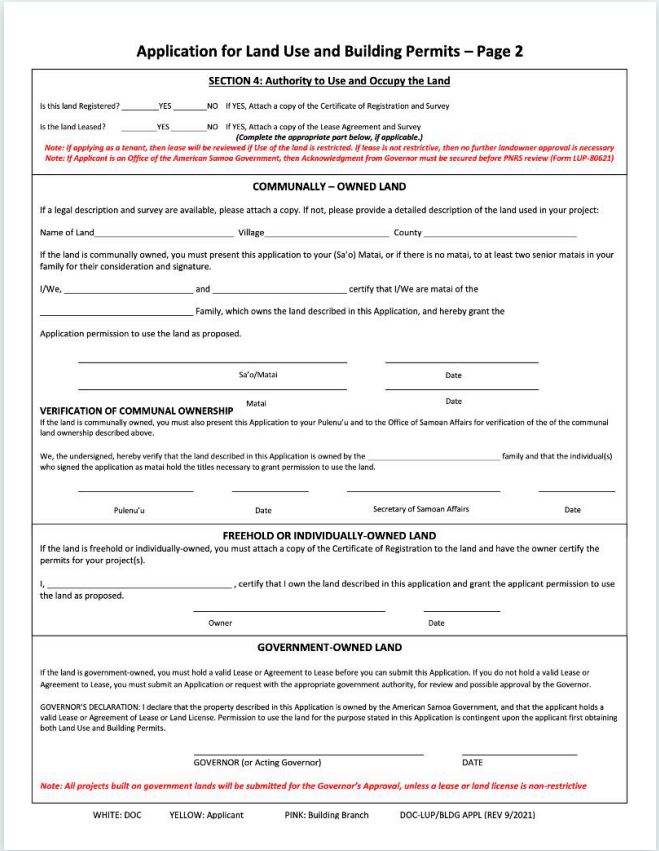
This branch is responsible for controlling runoff from human related activities, ensuring proper design, construction and application of approved on-site wastewater disposal systems, responding to complaints on illegal and or unpermitted land clearing, issuing notices of violations and administrative orders and promoting public education and awareness

Publications

- Wastewater Earthmoving and Erosion control Management
- Do's and Don'ts of site inspection

Press Release: Earthmoving & Erosion Control Rules and Regulation

American Samoa:



Application for Land Use and Building Permits – Page 2

SECTION 4: Authority to Use and Occupy the Land

Is this land Registered? _____YES _____NO If YES, Attach a copy of the Certificate of Registration and Survey

Is the land Leased? _____YES _____NO If YES, Attach a copy of the Lease Agreement and Survey

(Complete the appropriate part below, if applicable.)

Note: If applying as a tenant, then lease will be reviewed if Use of the land is restricted. If lease is not restrictive, then no further landowner approval is necessary
Note: If Applicant is an Office of the American Samoa Government, then Acknowledgment from Governor must be secured before PNRS review (Form LUP-80621)

COMMUNALLY – OWNED LAND

If a legal description and survey are available, please attach a copy. If not, please provide a detailed description of the land used in your project:

Name of Land_____ Village_____ County _____

If the land is communally owned, you must present this application to your (Sa'o) Matai, or if there is no matai, to at least two senior matais in your family for their consideration and signature.

I/We, _____ and _____ certify that I/We are matai of the

_____ Family, which owns the land described in this Application, and hereby grant the

Application permission to use the land as proposed.

_____ _____
Sa'o/Matai Date

_____ _____
Matai Date

VERIFICATION OF COMMUNAL OWNERSHIP

If the land is communally owned, you must also present this Application to your Pulenu'u and to the Office of Samoan Affairs for verification of the of the communal land ownership described above.

We, the undersigned, hereby verify that the land described in this Application is owned by the _____ family and that the individual(s) who signed the application as matai hold the titles necessary to grant permission to use the land.

_____ _____ _____ _____
Pulenu'u Date Secretary of Samoan Affairs Date

FREEHOLD OR INDIVIDUALLY-OWNED LAND

If the land is freehold or individually-owned, you must attach a copy of the Certificate of Registration to the land and have the owner certify the permits for your project(s).

I, _____, certify that I own the land described in this application and grant the applicant permission to use the land as proposed.

_____ _____
Owner Date

GOVERNMENT-OWNED LAND

If the land is government-owned, you must hold a valid Lease or Agreement to Lease before you can submit this Application. If you do not hold a valid Lease or Agreement to Lease, you must submit an Application or request with the appropriate government authority, for review and possible approval by the Governor.

GOVERNOR'S DECLARATION: I declare that the property described in this Application is owned by the American Samoa Government, and that the applicant holds a valid Lease or Agreement of Lease or Land License. Permission to use the land for the purpose stated in this Application is contingent upon the applicant first obtaining both Land Use and Building Permits.

_____ _____
GOVERNOR (or Acting Governor) DATE

Note: All projects built on government lands will be submitted for the Governor's Approval, unless a lease or land license is non-restrictive

WHITE: DOC YELLOW: Applicant PINK: Building Branch DOC-LUP/BLDG APPL (REV 9/2021)

SAMPLE PERMIT

Dept. of Commerce Application for Land Use and Building Permits (DOC-LUP/BLDG, rev. 9/2021), p. 2

OVERSEEING AGENCY

American Samoa Environmental Protection Agency (AS-EPA) and Environmental Quality Commission (EQC)

With the Dept. of Commerce Land Use Permit / Project Notification and Review System (PNRS)





EPA always retains NPDES oversight authority – even if permitting and enforcement authority have been authorized to the state.

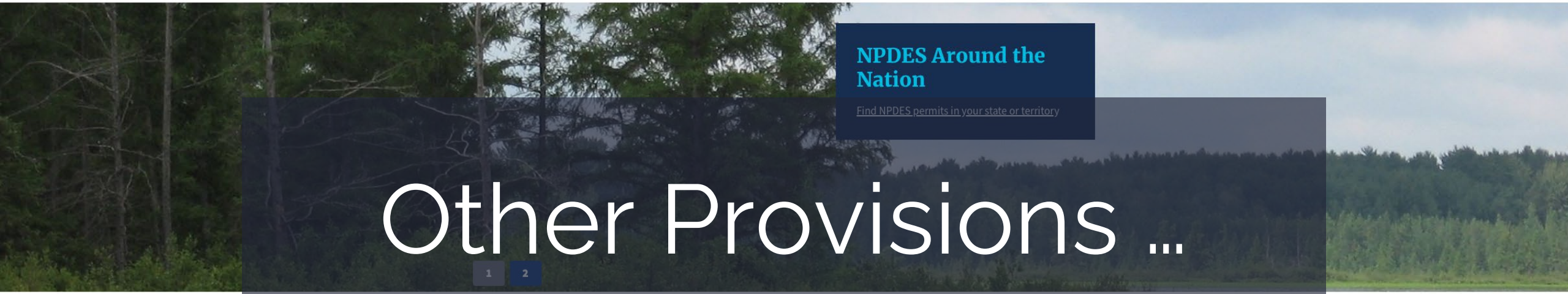


EPA conducts inspections where it directly implements NPDES.

EPA may also conduct inspections in states where the state implements NPDES

An official website of the United States government Here's how you know

National Pollutant Discharge Elimination System (NPDES)



NPDES Around the Nation

Find NPDES permits in your state or territory

Other Provisions ...

1 2

About NPDES



- Permit basics/FAQs
- State program information
- Permit limits
- Program management and oversight
- NPDES regulations
- Other applicable federal laws
- Clean Water Act
- Flexibilities under CWA related to COVID-19

Program Areas



- Animal feeding operations
- Aquaculture
- Industrial wastewater
- Municipal wastewater
- National pretreatment program
- Pesticide permitting
- Stormwater
- Vessel discharges
- All NPDES program areas

Technical Resources



- Resources for Permit Writers
- Training
- Tools
- Electronic Notice of Intent (eNOI)
- Applications and forms
- Find NPDES permits in your state or territory

Explore the NPDES Permit Writers' Clearinghouse, a searchable database of permit writing resources

Rainfall Erosivity Factor Calculator for Small Construction Sites

Join **NPDES News** to receive updates on webinars, training, and publications.

National Pre-treatment Program

40 C.F.R. 403

Focused on Indirect Dischargers:



Sludge disposal is regulated under **40 CFR 503** (Federal Regulation)

40 CFR 503

- Two kinds of Activity
  1. **Beneficial Use**
     a) Land Application in bulk or bags to public contact sites
     b) Land Application in bult to non-public contact sites

  2. **Disposal**
     a) Surface Disposal
     b) Incineration

(Note that landfill disposal is covered under NM Regs, not 40 CFR 503)

40 CFR 503

Sets requirements for

- Pathogen reduction
- Vector attraction reduction
- Heavy metal and PCP pollution limitations
- Land application and disposal restrictions
- Management practices for disposal and land application
- How long sludge can be stored (if more than 2 years, storage site usually IS considered a disposal site)

Sample questions

Let's do a couple.



Featured Projects

Questions?



Contact Information:



SOUTHWEST
ENVIRONMENTAL
FINANCE CENTER

SWEFC general email: swefc@unm.edu
James Markham: jmarkham@unm.edu

Department of Civil Engineering MSC01 1070
1 University of New Mexico
Albuquerque, NM 87131
505-277-0644
swefc@unm.edu
http://swefc.unm.edu

EFCN
environmental finance center network