# Homeland Security Annual Update

**Water Quality Emergency Preparedness System (WQEPS)**

# Presentation Outline

Why Update Annual Homeland Security Information

Annual Homeland Security Update Process

Water Quality Emergency Preparedness System (WQEPS)

Help for Using the WQEPS

Best Management Practices (BMPs) for Natural Disasters

Examples

# Why Update Annual Homeland Security Information?

| | |
|---|---|
| 👤 | Update EPA Response Manager (RM) |
| ✓ | Ensure updated information available during natural disasters — Site Contacts, Equipment |
| ⚠ | Allows for a more expeditious incident response efforts (EPA, TCEQ, other Partners in RM) |

# Annual Homeland Security Update Process



**Old System**
- Mailed hardcopy forms
- Emailed forms and excel spreadsheets
- Manually updated into MS Access data base

**New System**
- State of Texas Electronic Environmental Reporting System (STEERS)
- Initial use with 2022 annual update
- ePermits module
  - Water Quality Emergency Preparedness System (EPR_WQEPS)

# What is the Water Quality Emergency Preparedness System (WQEPS)?

STEERS - ePermits module

Water Quality Permit –active permitted sites only

Site personnel perform update and submit online

- STEERS Account
- Add program area access for WQEPS module *(EPR_WQEPS)* to your STEERS account
- Sign and Submit

Facility Information and Site data populated from TCEQ Permit and Registration Information System (PARIS) database

WQEPS populated from MS Access data base

# Water Quality Emergency Preparedness System (WQEPS)

## Fill Out – Application for Annual Update

- Security Code – emailed or mailed to Annual ER Contact
- Water Quality Permit Number

## Required Information

- Site Information
- Contacts -Annual/ Primary/ Secondary
- Wastewater Facility and Collection System Information

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# Water Quality Emergency Preparedness System (WQEPS)

## Wastewater Facility – Required Information

- Facility Name – Built/Not Built?
- Front Gate Latitude and Longitude
- Lift stations – Existing/New
- Back-up power
- Fuel Type
- Whether fuel is stored on site - how long it will last
- Population served
- Does the facility serve any outside communities



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# Water Quality Emergency Preparedness System (WQEPS)

## Lift Station – Required Information

- Name (must be unique)
- Latitude and Longitude
- Emergency Power
- Kilowatt size, voltage, phase
- Fuel Type
- Whether fuel is stored on site - how long it will last

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# Water Quality Emergency Preparedness System (WQEPS)

## Other Information Needed

- Information for any Outside Operating Companies
  - Company Name and Contact Information
- Information for any Communities Served
  - Community Name
  - Lift Stations
  - Population served

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# Water Quality Emergency Preparedness System (WQEPS)

Create your STEERS ER Account :  www3.tceq.texas.gov/steers/



Input all required information

Select Water Quality Emergency Preparedness System (WQEPS) as the program

Electronically sign the STEERS Participation Agreement (SPA)

Click on I need:
to create a new account

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# Water Quality Emergency Preparedness System (WQEPS)



Once logged into STEERS:

Select the WQEPS Option

Note the 20-minute inactivity log out

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# Water Quality Emergency Preparedness System (WQEPS)



Yearly the initial task will be to Fill Out a new application

Use list shown to select an application during an ensuing session if unable to finish a complete submittal during the initial yearly session
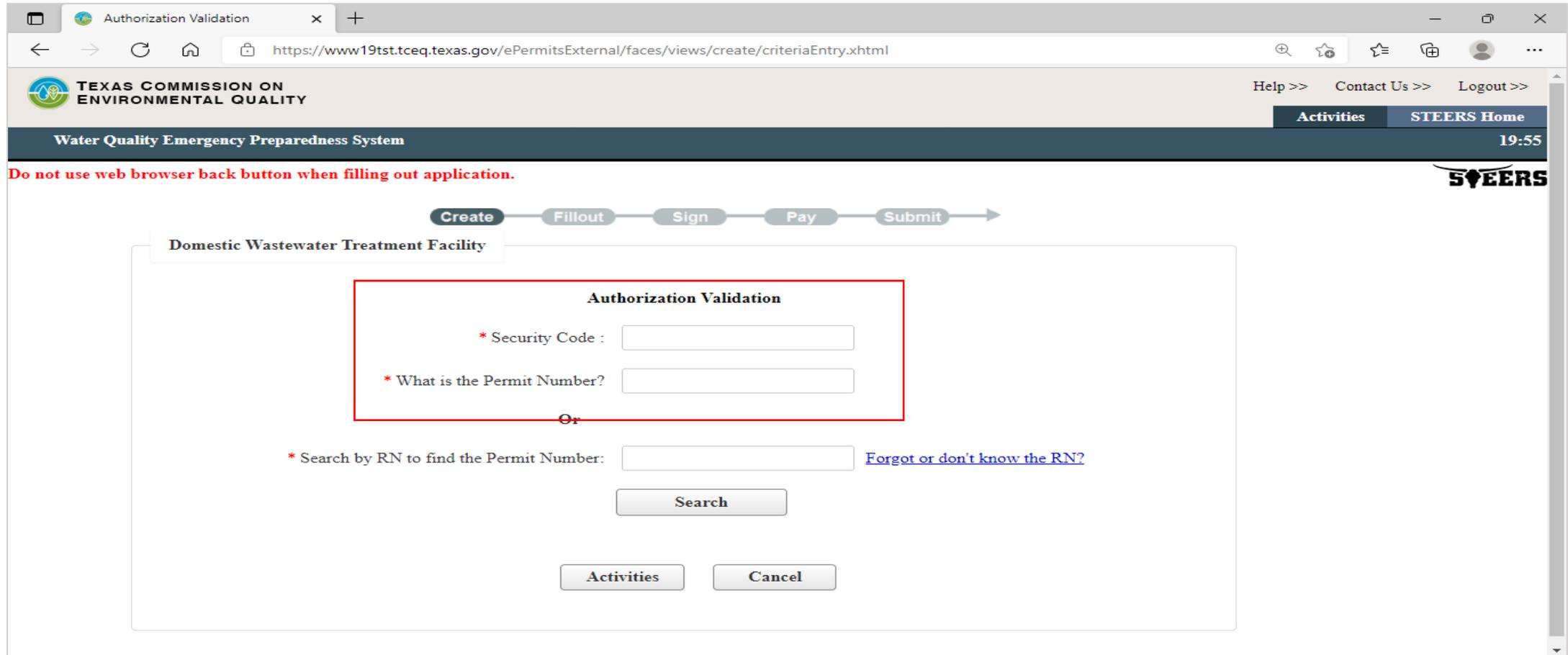
# Water Quality Emergency Preparedness System (WQEPS)



Domestic wastewater treatment facility should be selected if the facility is any of the following:

Public Domestic
Private Domestic Wastewater
Reverse Osmosis water treatment
Sludge processing
Convention Treatment plant

# Water Quality Emergency Preparedness System (WQEPS)

# Water Quality Emergency Preparedness System (WQEPS)

# Where can I obtain help?

TCEQ, Water Quality Division

512-239-4671

Email Homeland inbox:

homeland@tceq.texas.gov

YouTube video

Instructions: step by step document

How to Update STEERS for a Water Quality Emergency Preparedness System

**TCEQ'S**
**State of Texas Environmental Electronic Reporting System (STEERS) and ePermits**

WQ EPS TECHNICAL TEAM
WATER QUALITY DIVISION

0:08 / 44:55 · Introduction

Scroll for details

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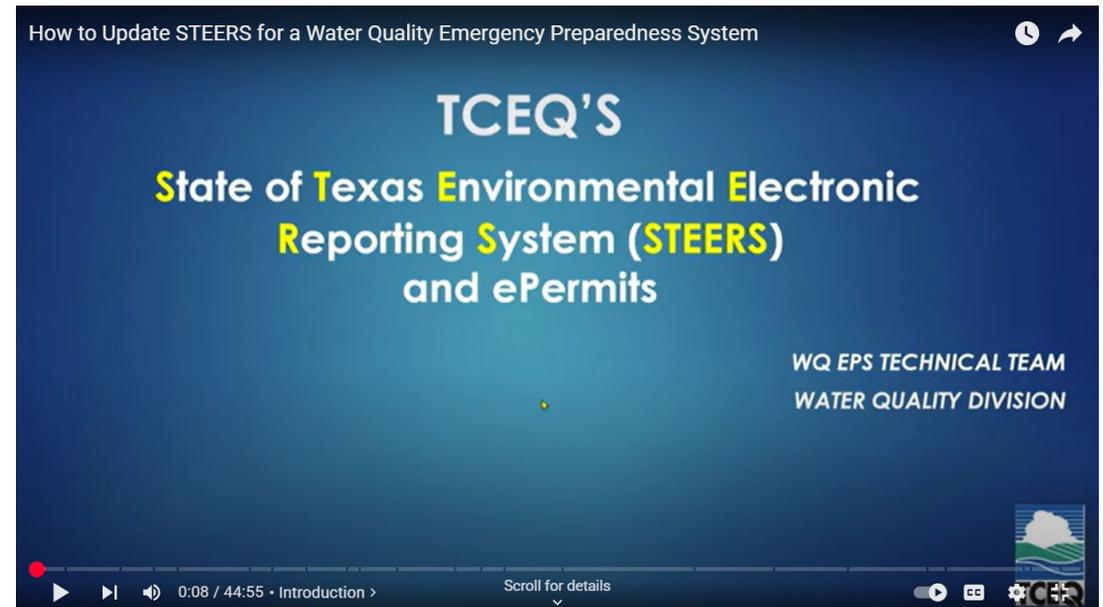
# Emergency Preparedness Best Management Practices

**Develop a Plan**
- Assign tasks
- Assign back-ups for tasks

**Review and Update plan regularly**
- Staffing changes
- Plant equipment changes
- Chemical changes

**Capacity Management Operation & Maintenance (CMOM)**

# Best Management Practices continued…

- Know your site and where hazards exist - physical / chemical

- Is there a power cutoff to pull

- Generators
  - Test regularly
  - Test under load
  - If portable generator are used
    - Where are they stored?
    - Are all the generators stored together?

# Best Management Practices continued…

The "Best" Best Management Practice
- **<u>Practice</u>** implementing the plan
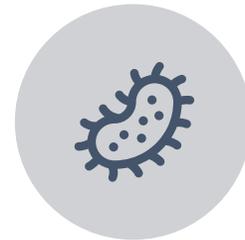- Address issues encountered – improve and update plan

**Practice**



**Practice**

**Practice**

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# Examples

Joe Worker has an apparent heart attack in the plant.

Massive flooding expected – what about my UV system

Is my storage in the flood plain or flood way?

Will my generators handle the load?

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**Thank you!**

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