



**pennsylvania**

DEPARTMENT OF ENVIRONMENTAL PROTECTION



**BUREAU OF CLEAN WATER**

# **Guidance on Notification Requirements for Unauthorized Discharges to Waters of the Commonwealth Under Pennsylvania's Clean Streams Law (383-4200-003)**

Public Water System Technical Assistance Center Board

April 21, 2022

Tom Wolf, Governor

Patrick McDonnell, Secretary

# Purpose

**Guidance on the notification requirements for unauthorized discharges of a substance that would cause or threaten pollution to waters of the Commonwealth, endanger downstream users, or damage property as required by 25 Pa. Code § 91.33 and 25 Pa. Code § 92a.41**

# Background

- An **initial draft** of this Technical Guidance Document (TGD) was published August 8, 2020 (50 Pa.B. 4091) with a 60-day public comment period. Ten comments were received.
- A **revised draft** was published October 16, 2021 (51 Pa.B. 6559) with a 60-day public comment period. Comments were received from 639 commenters.
  - 19 unique comments including comments from WWOAP and the PA-AWWA Water Utility Council
  - 582 identical form letter comments
  - 38 variants of the form letter comment.

# Unauthorized Discharges

- For purposes of this TGD, the term “**unauthorized discharge**” includes any unauthorized (unpermitted) discharging, bypassing, spilling, leaking, emitting, escaping, overflowing, leaching, or disposing of a substance into waters of this Commonwealth – or placing a substance so that it might discharge, flow, be washed, or fall into waters of this Commonwealth.
- Unauthorized discharges can occur as a result of a variety of activities and incidents, including, but not limited to transportation-related accidents, pipe or pipeline breaks, or equipment malfunctions.

# Whom Does It Apply To?

## 'Responsible Party'



- Person in charge of substance
- Person owning or in possession of premises, facility, vehicle, or vessel from or on which substance is discharged or placed

# Related Regulations

- **25 Pa. Code § 91.33**
  - Incidents causing or threatening pollution
- **25 Pa. Code § 92a.41(b)**
  - NPDES permitted facilities and activities

# Incident Response

- **Ensure the safety of self and others**
- **Stop the discharge, if possible**
- **Contact emergency services (911)**
- **Call the applicable DEP regional number, or the statewide emergency response number at 800-541-2050 as soon as possible**
- **Impact to aquatic life: Pennsylvania Fish & Boat Commission 855-347-4545**

# Notification Requirements

- **25 Pa. Code § 91.33**
  - Immediate reporting by phone
  - DEP, downstream users
- **25 Pa. Code § 92a.41(b)**
  - § 91.33 immediate reporting
  - “as soon as possible, but no later than four hours after the permittee becomes aware of the incident”



# Changes from Second Draft to Final

- **Clarify what incidents and activities can result in unauthorized discharges, and which unauthorized discharges require immediate DEP notification under 25 Pa. Code § 91.33(a)**
- **Identify specific notification requirements and guidance that may apply to unauthorized discharges from certain types of industrial activities (e.g., storage tanks, oil and gas wells, solid waste facilities)**
- **Clarify how standards for surface waters and groundwater relate to notification requirements for unauthorized discharges**

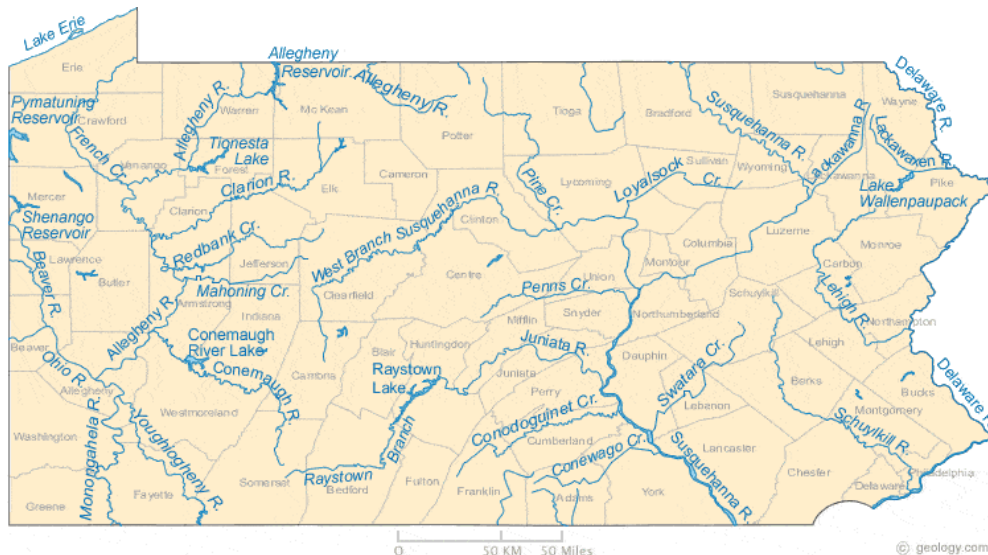
# Changes from Second Draft to Final

- **Addition of factors to the example risk characterization framework, as recommended by commenters**
- **Revisions to several of the example scenarios and associated text to clarify the intent of the examples, and to clarify why each example scenario either requires, may require, or does not require immediate DEP notification**
- **Addition of a brief section regarding how DEP uses its enforcement discretion.**

# Waters of the Commonwealth

Definition includes:

“... any and all rivers, streams, creeks, rivulets, impoundments, ditches, water courses, storm sewers, lakes, dammed water, ponds, springs and all other bodies or channels of conveyance of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth.”



# Note:

DEP notification is not required for incidents where substances truly have no possibility of reaching a water of the Commonwealth (including the possibility of the substance flowing or being washed into waters of the Commonwealth) in a way that would cause or threaten pollution of waters of the Commonwealth, endanger downstream users, or damage property.

# Be Advised

- **DEP strongly encourages notification be made to DEP for any unauthorized discharge where the risks of pollution to waters of the Commonwealth, property damage, or endangering downstream users are unknown or uncertain.**
- It is best to err on the side of caution and notify DEP when you are unsure of the impact an unauthorized discharge may have on waters of the Commonwealth.



# Example

- **Immediate DEP notification is required** for potable water main breaks discharging chloraminated water. Even when dechlorinated, chloraminated water will contain ammonia, which cannot be readily removed or inactivated, and which can have adverse impacts on aquatic life and other protected water uses.



# Example

- **Immediate DEP notification is not required** for potable water main breaks, water system maintenance, or hydrant flushing where a Preparedness, Prevention, and Contingency (PPC) Plan is in place and implemented, where the discharge can be dechlorinated, and where chloramine is not in use. In addition, conditions must exist that the discharge will not cause ponding, damage to vegetation, or soil erosion, and has no risk of reaching waters of the Commonwealth, directly or indirectly, in a way that would endanger downstream users, would otherwise result in pollution or create a danger of pollution, or would damage property. For example, this could be discharges to vegetated areas/fields for infiltration. Further information can be found in DEP's fact sheet *Planned and Unplanned Discharges of Chlorinated Water to Surface Water* ([3830-FS-DEP4861](#)).

# Example

- **Immediate DEP notification may be required** for discharges of other chlorinated water, such as from a swimming pool or spa, if the discharge is not dechlorinated and appropriately managed. Immediate notification to DEP may not be necessary where the discharge can be dechlorinated and will not reach waters of the Commonwealth, directly or indirectly, in a way that would endanger downstream users, would otherwise result in pollution or create a danger of pollution, or would damage property. Further information can be found in DEP's fact sheet *Management of Swimming Pool, Hot Tub, and Spa Water Discharges* (3800-FS-DEP4251) and *Planned and Unplanned Discharges of Chlorinated Water to Surface Water* ([3830-FS-DEP4861](#)).



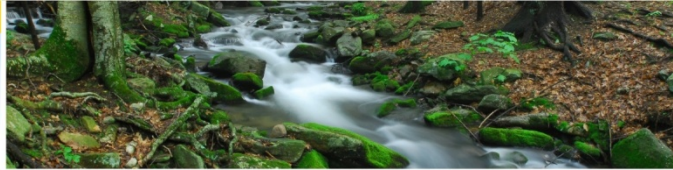
## Next Steps

- DEP anticipates publishing this TGD as final this summer





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