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EPA Region 3: Seaford Pretreatment Overview

Seaford NPDES Permit Reissuance
Public Hearing



Common Acronyms

CWA – Clean Water Act

NPDES – National Pollutant Discharge Elimination System

POTW – Publicly Owned Treatment Works

IU – Industrial User

SIU – Significant Industrial User

CFR – Code of Federal Regulations

Purpose of the Pretreatment Program



To prevent the introduction of pollutants into POTWs which will:

- Interfere with plant operations
- pass through untreated



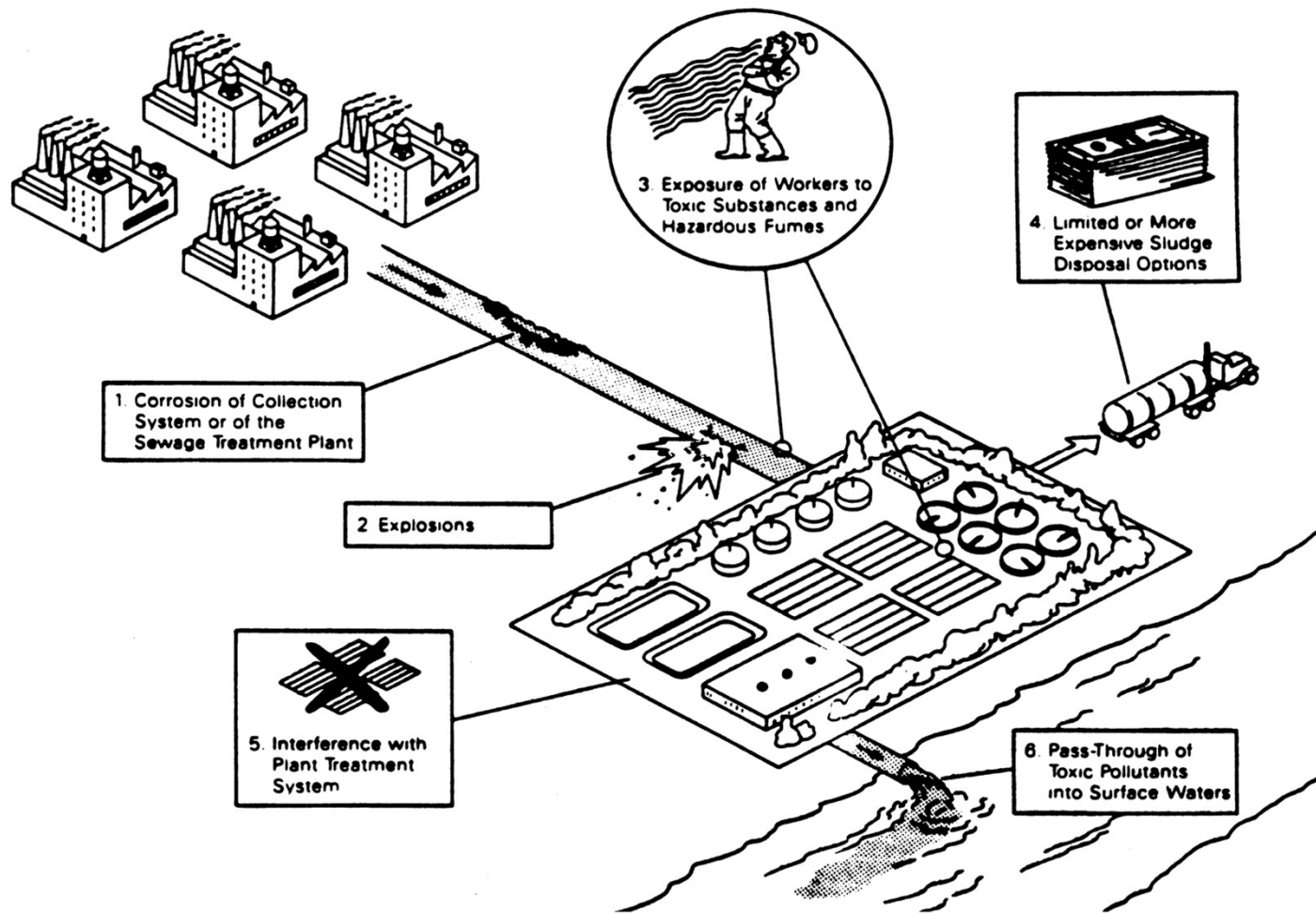
To improve opportunities to recycle and reclaim wastewaters and sludges



To protect POTW workers

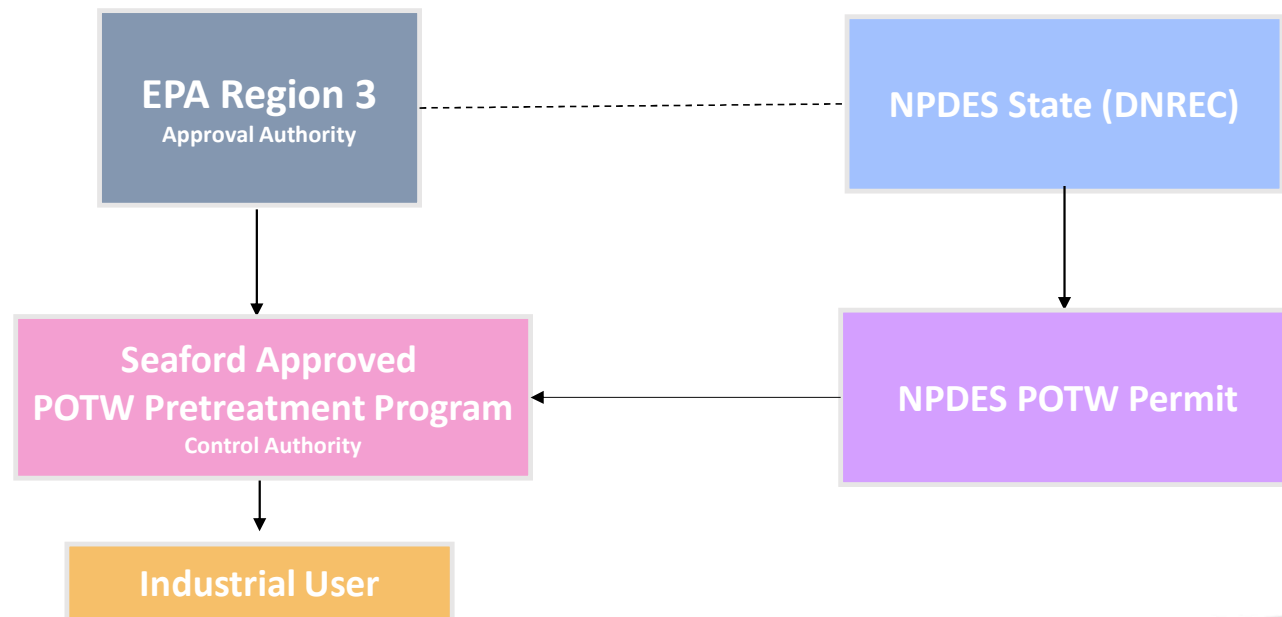
What is the Pretreatment Program?

- Clean Water Act Regulatory Program
- 40 CFR part 403
- Pollutant control requirements for nondomestic (industrial) sources discharging wastewater to publicly owned treatment works (POTWs): indirect dischargers
- National program implemented through partnerships with state and local governments



EPA and DNREC Authority

- DNREC Approved NPDES
- Not Approved Pretreatment State
- Seaford Approved POTW



Types of Pretreatment Standards

- General and Specific Prohibitions
- Categorical standards
- Local pretreatment standards

Can be expressed as numeric limits, narrative prohibitions, and best management practices (BMPs)

Seaford Pretreatment Program Components

40 CFR 403.8

- Legal authority
- Local limits
- Procedures
 - IU permits
- List of Industrial Users
- Enforcement (Enforcement Response Plan)
- Funding



EPA Oversight Activities at Seaford

- Receive and review annual reports
- Inspections
- Audits
- Review and approve local limits
- Enforcement



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