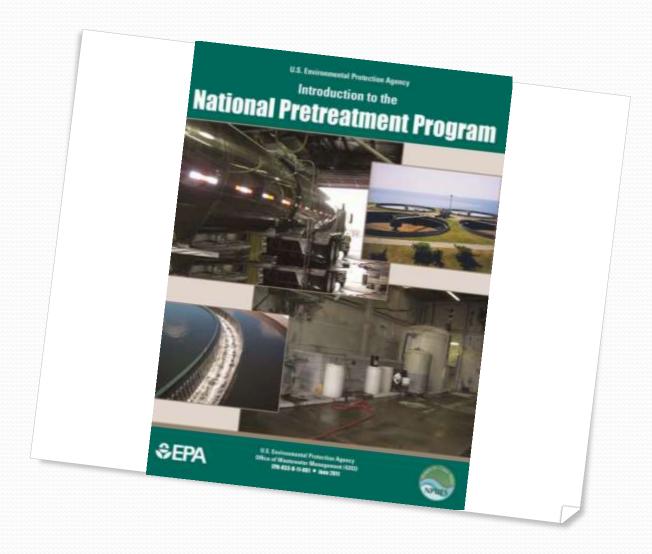
Pretreatment Program Elements

Wastewater Pretreatment 101

Taken from: Introduction to the National Pretreatment Program

U.S. Environmental Protection Agency, 2011

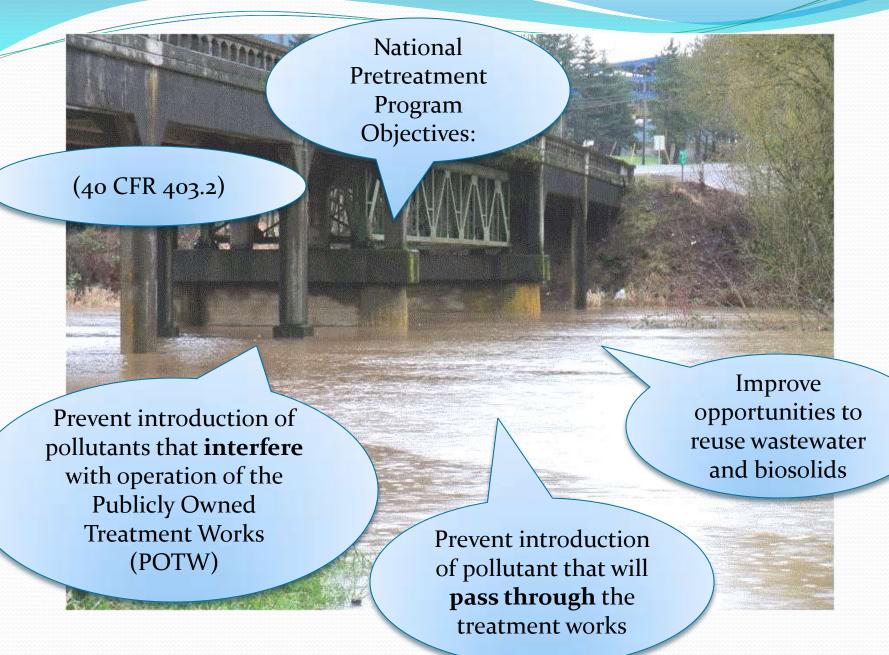


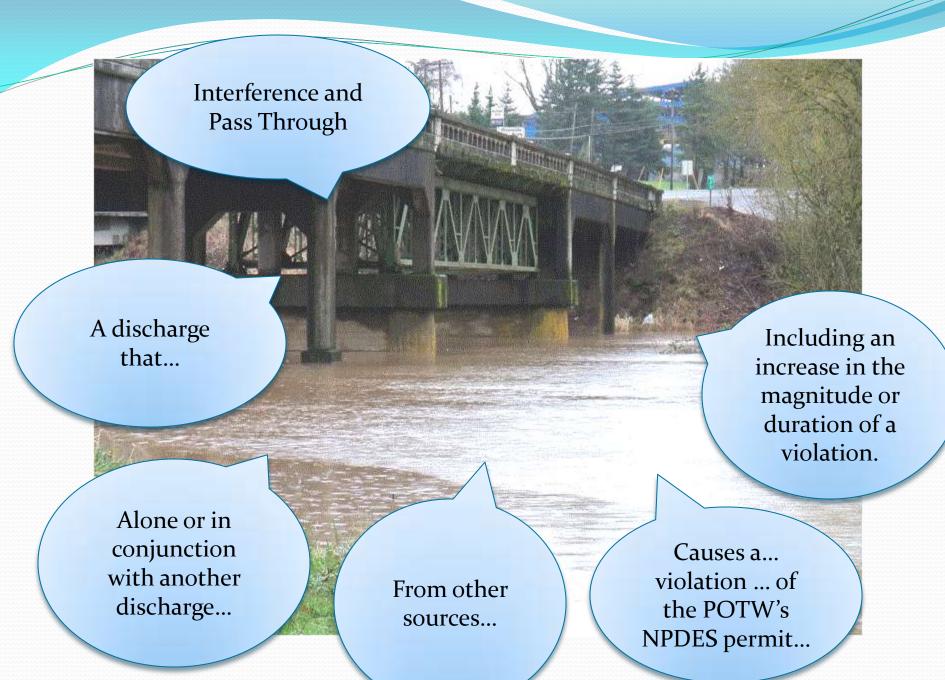
Timeline of Federal Pollution Control Laws

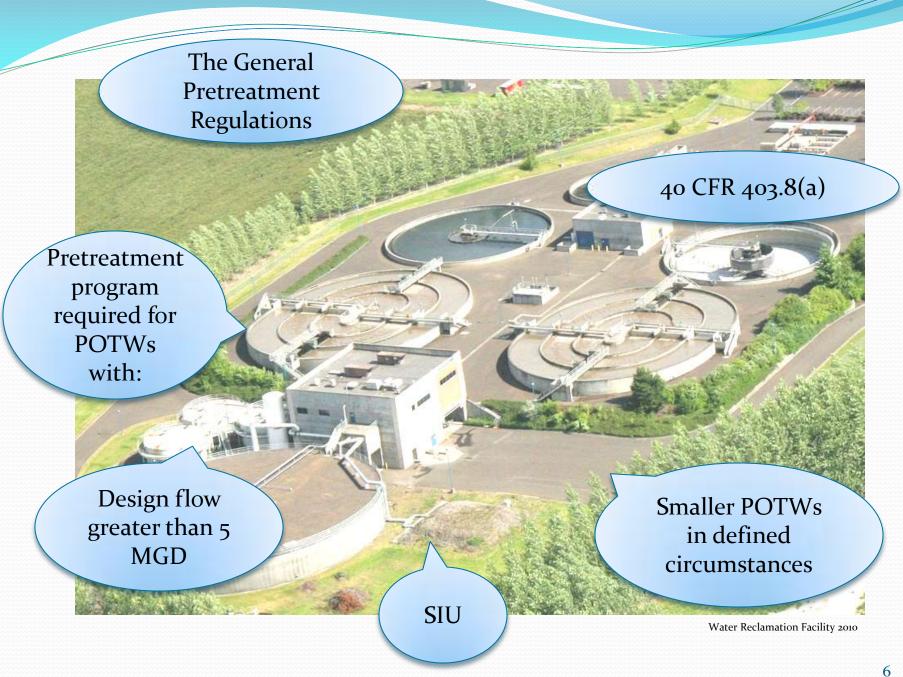
- 1899 The Rivers and Harbors Act
- 1912 The Public Health Service Act
- 1965 The Oil Pollution Control Act
- 1966 The Clean Water Restoration Act
- 1970 The Water Quality Improvements
- 1970 EPA created (December 1970)
- 1972 Federal Water Pollution Control Act
- 1977 Clean Water Act
- 1987 Water Quality Act

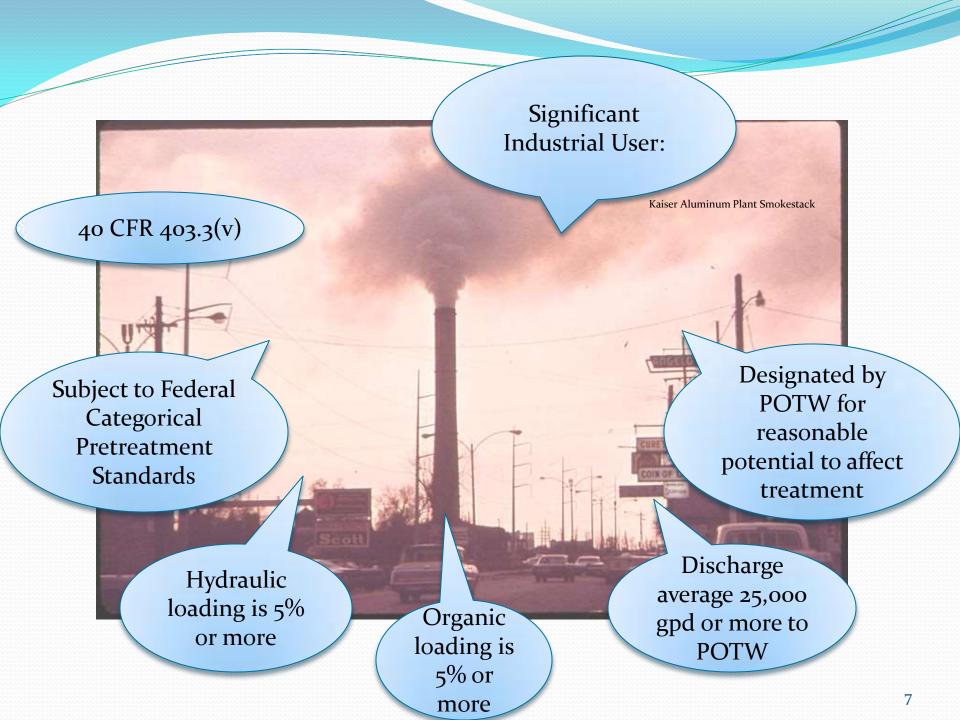
AKA: The Clean Water Act

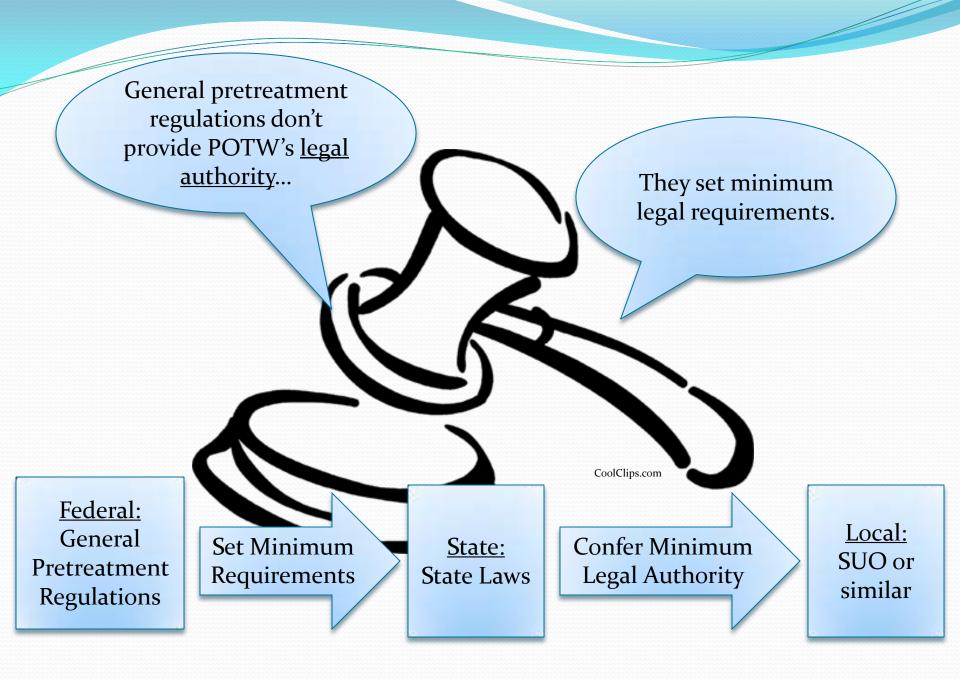
Cuyahoga River Fire 1952



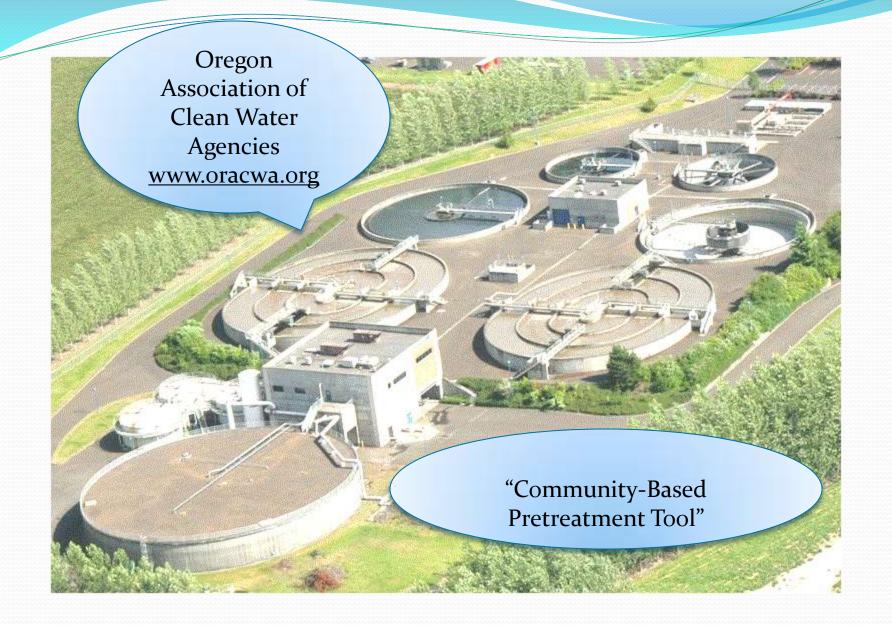


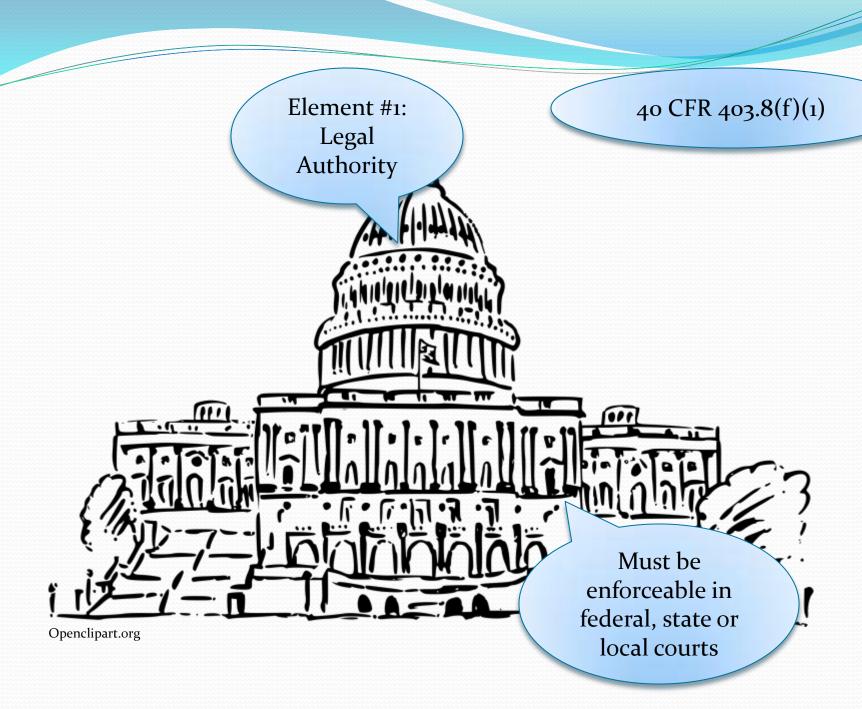


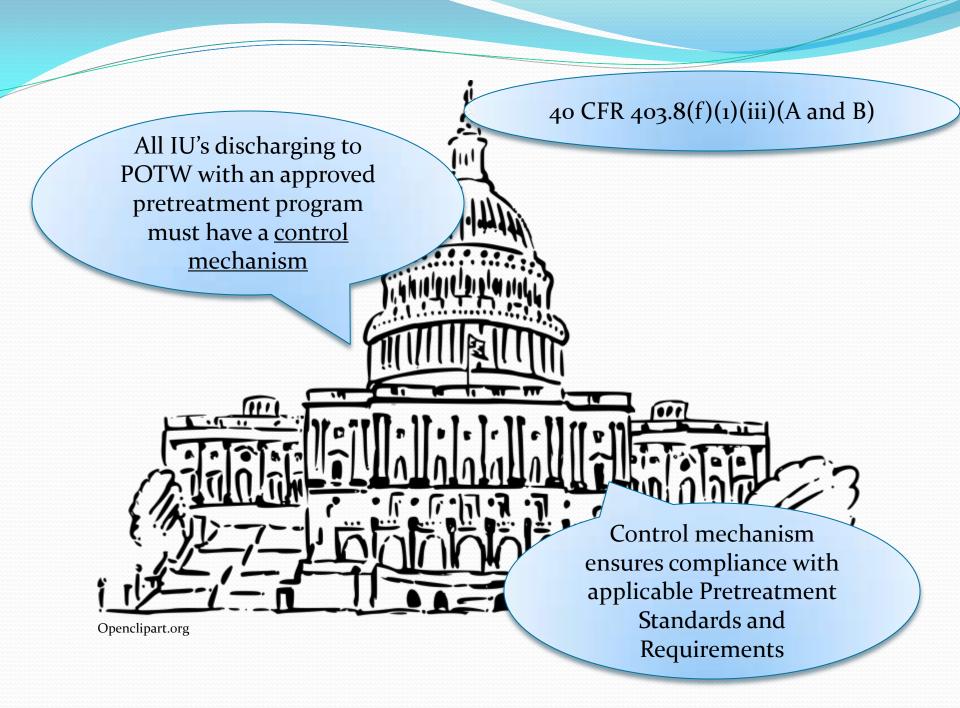




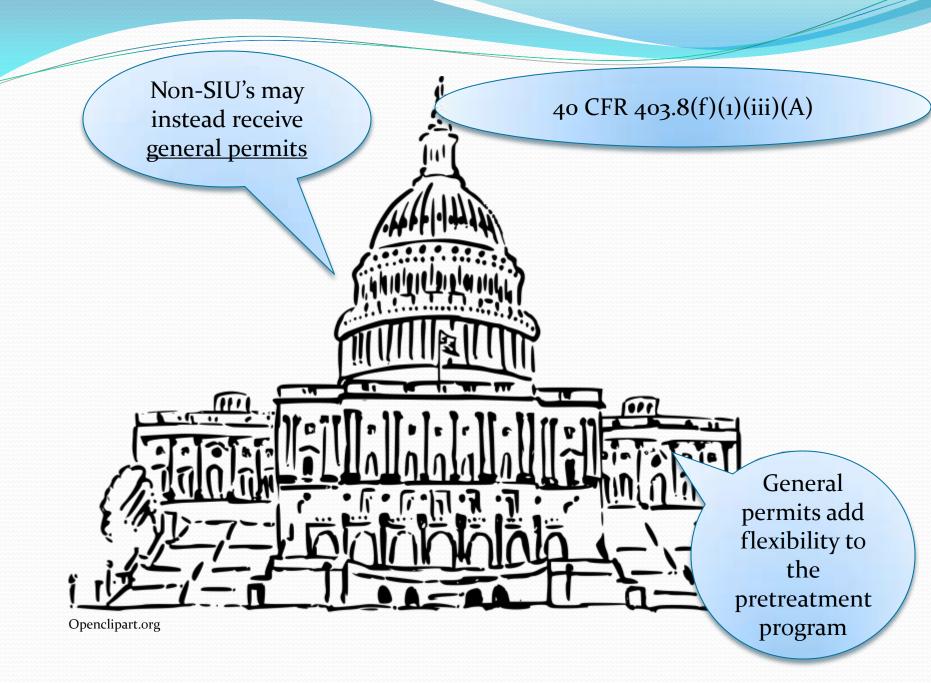


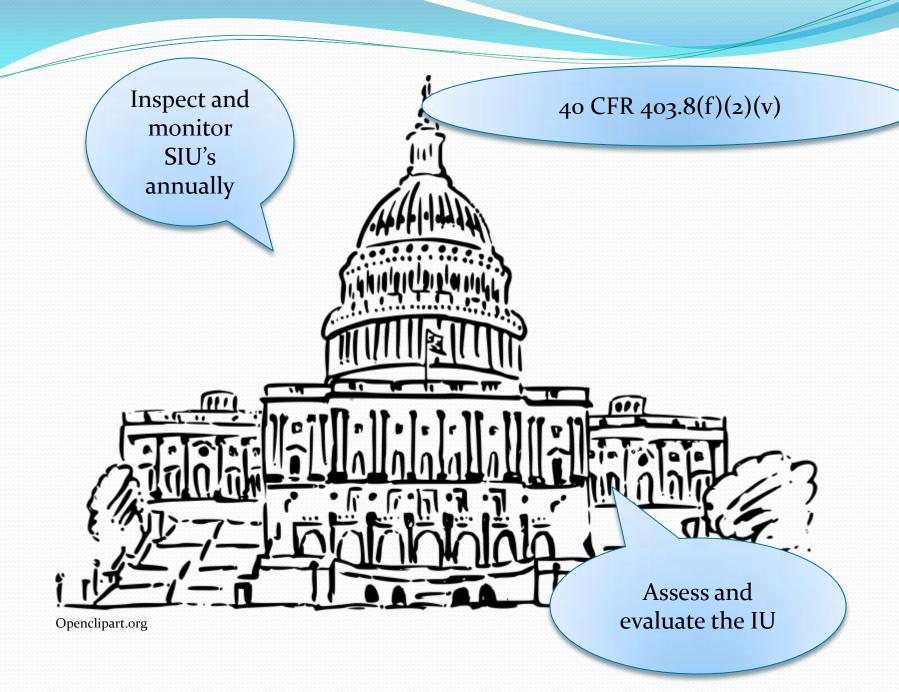




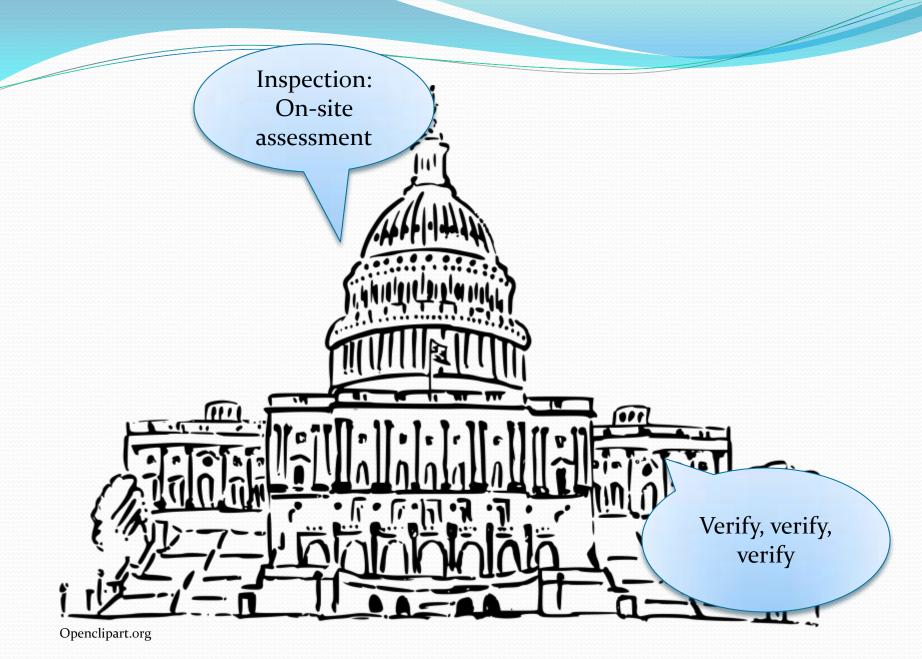


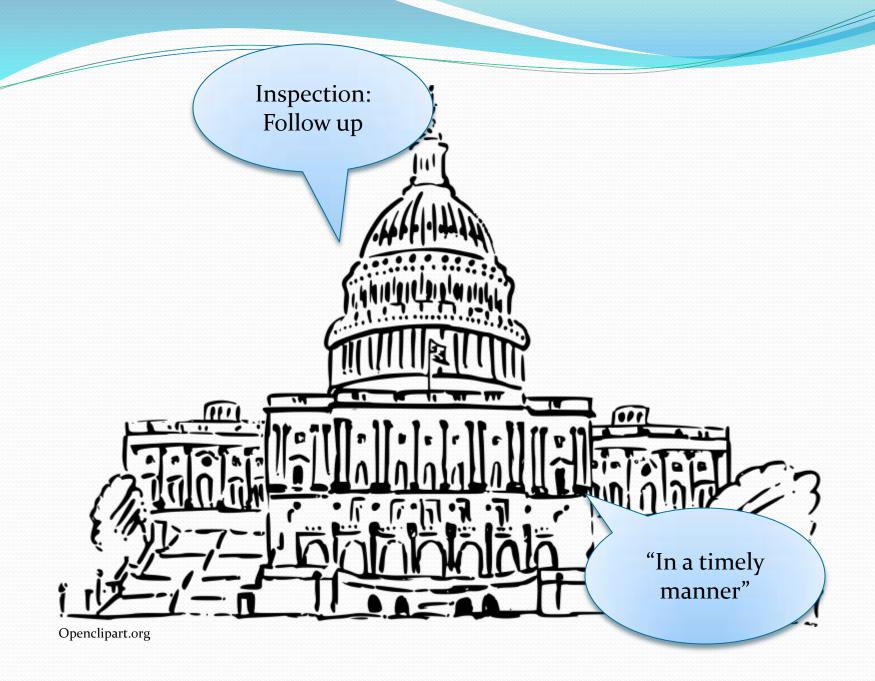
40 CFR 403.8(f)(1)(iii) All SIU's need individual permits Because of their potential impact, SIU's need a permit tailored to their Openclipart.org circumstances



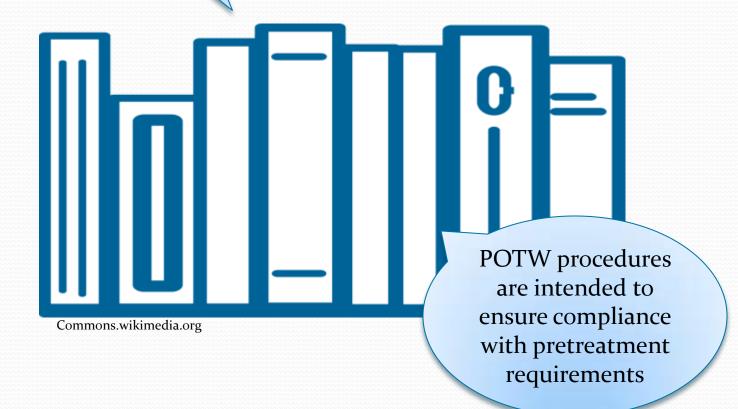




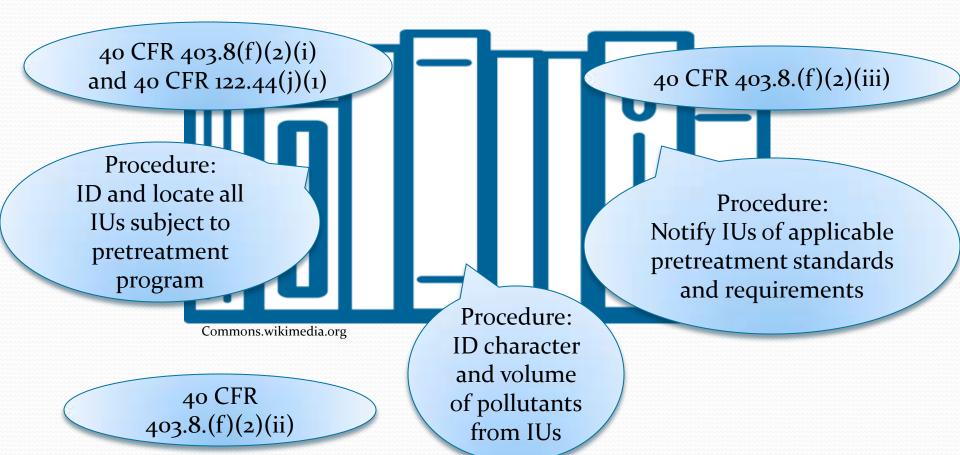




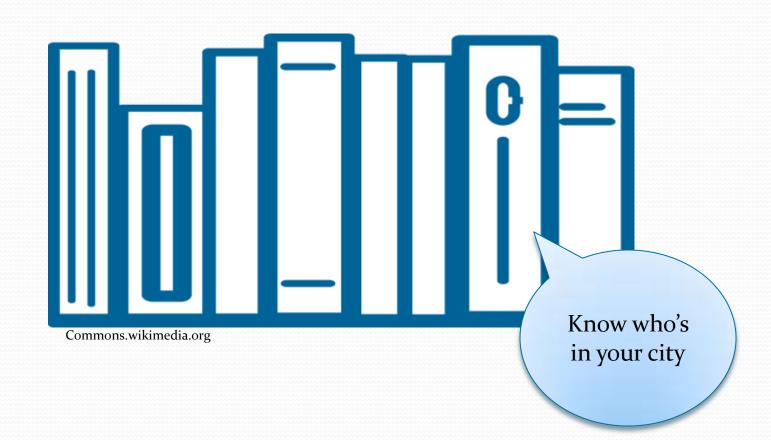
Element #2: Procedures



Industrial Waste Survey



Industrial Waste Survey



Procedures: Receive and analyze IU reports

40 CFR 403.12

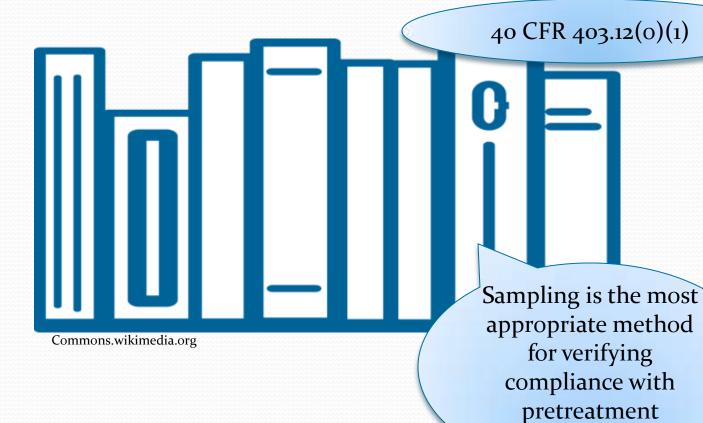


Commons.wikimedia.org

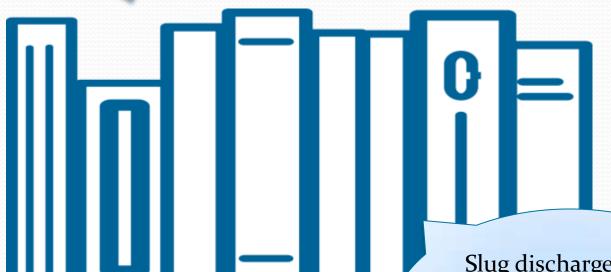
POTW is responsible for communicating standards and requirements Procedures: Sample and analyze IU discharges

40 CFR 136

standards



Procedure:
Evaluate the need
for IU slug
control plans



Commons.wikimedia.org

Slug discharges have reasonable potential to cause interference or pass through at POTW Procedures: Investigate noncompliance

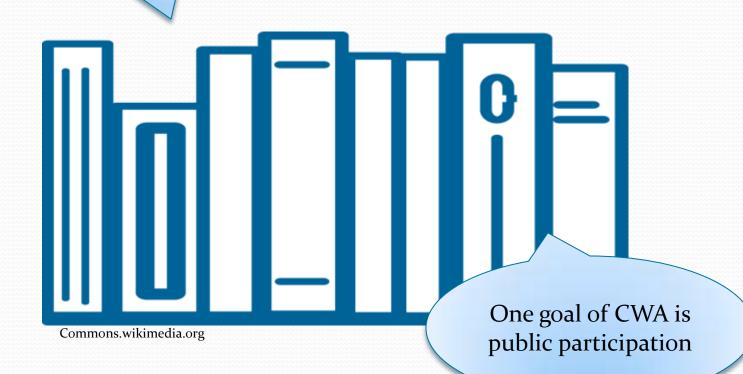
Commons.wikimedia.org



"Timely, fair and consistent" protects against political pressure from local officials

Procedures:
Comply with public
participation
requirements

CWA section 101(e)

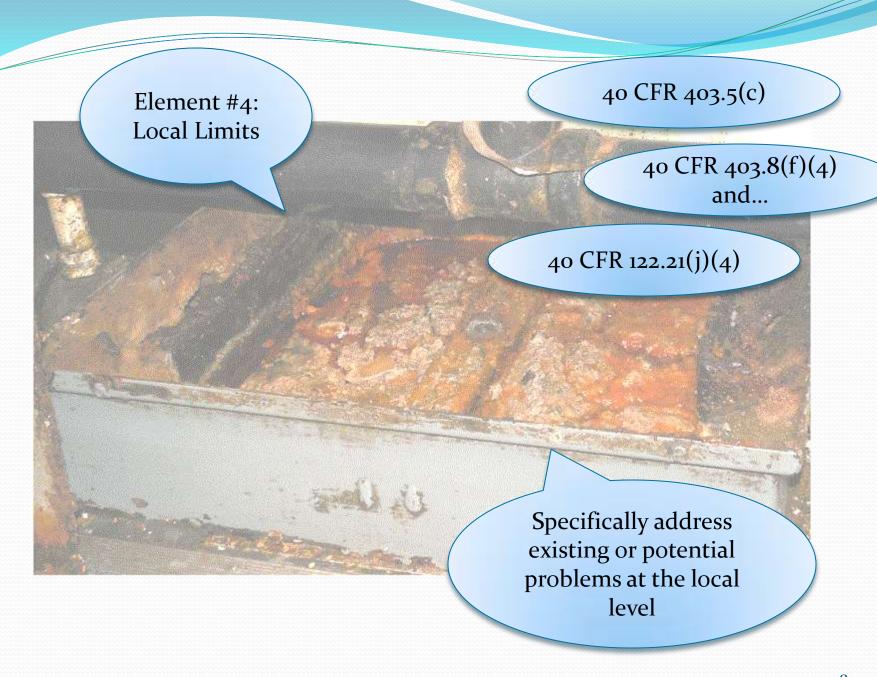


Element # 3: Funding



clipartfest.com

POTW pretreatment program must have funding necessary to do its job.



Element #5: Enforcement Response Plan (ERP)

40 CFR 403.8(f)(5)



clipartfest.com

"Timely, fair and consistent" enforcement protects against political pressure from local officials

Enforcement Response Guide



clipartfest.com

Ensures
enforcement is
appropriate;
not arbitrary or
capricious

Significant
Non
Compliance
(SNC)

40 CFR 403.8(f)(2)(viii)



 $<\!\!a\;href="https://clipartfest.com/">clipartfest.com$

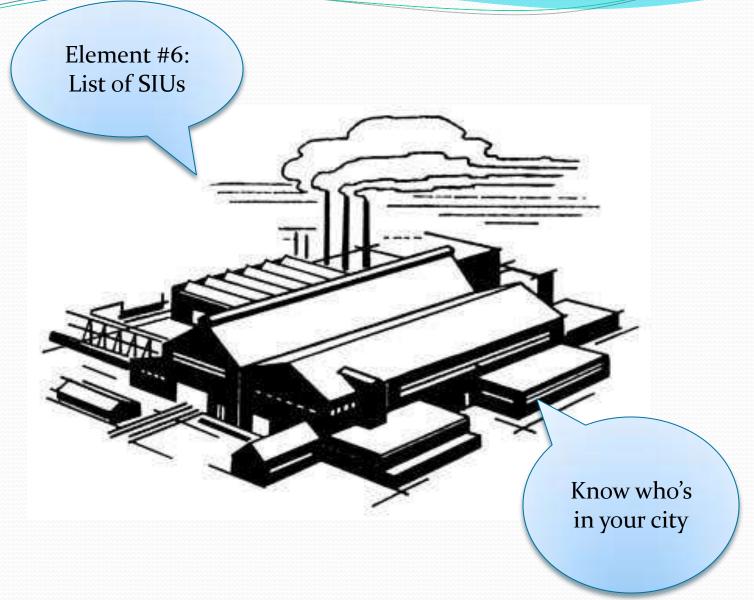
"SNC violations have potential for greater environmental impact"

Formal enforcement



clipartfest.com

Used to bring IU's into compliance





Any questions?

A question for you:

what do you wish someone had told you when you first started in pretreatment?

Contact:

Matt Young: matt.young@mcminnvilleoregon.gov

City of McMinnville, Wastewater Services: 503-434-7313

Works Cited:

- City of McMinnville, various photos
- Cuyahoga River Fire 1952. Clark, Kylienne A., et al. "4.1 The Burning River- Aquatic Pollution in America's Rust Belt." Environmental ScienceBites, Ohio State University Pressbooks Sites, osu.pb.unizin.org/sciencebites/chapter/the-burning-river-aquatic-pollution-in-americas-rust-belt/. Accessed 21 Feb. 2017.
- "Empty Pockets" clipartfest.com
- Factory Clipart: http://clipart-library.com/clipart/376899.htm
- Gavel: http://clipart.coolclips.com/480/vectors/tf05243/CoolClips_vc034703.png
- Kaiser Aluminum Smokestack: Messina, John. KAISER ALUMINUM PLANT SMOKESTACK SPREADS FUMES ABOVE ST CLAUDE AVENUE IN THE CHALMETTE SECTION. 1973, Wikimedia Commons.
- Munro, Catherine. Bookshelf. commons.wikimedia.org. Web. 7 Apr. 2016.
- Oregon Association of Clean Water Agencies, www.oracwa.org
- "Speeding Ticket" clipartfest.com
- US Capitol Building Drawing. openclipart.org. Web. 8 Apr. 2016.
- U.S. Environmental Protection Agency. *Introduction to the National Pretreatment Program. E-book ed. pdf, U.S. EPA, 2011.*