

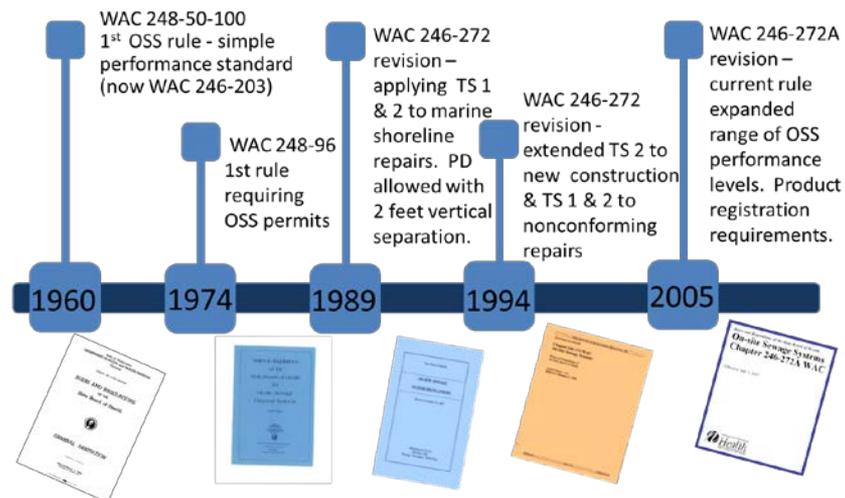
2017 REVIEW OF CHAPTER 246-272AWAC  
ENVIRONMENTAL HEALTH AND SAFETY  
WASTEWATER MANAGEMENT SECTION

# Chapter 246-272A WAC

WAC 246-272A-0425 requires DOH to:

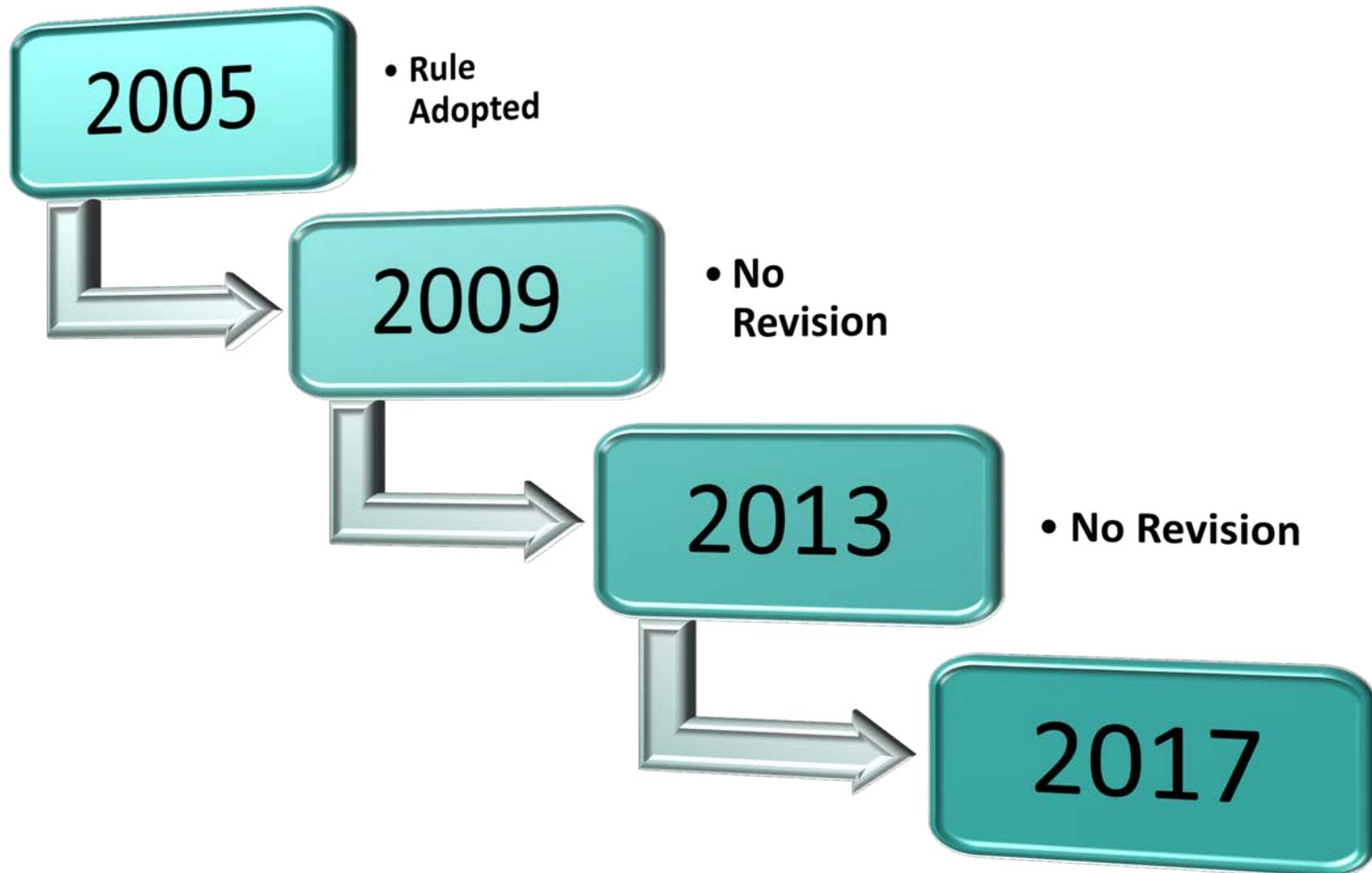
- Evaluate the effectiveness of the rule every four years
- Determine if revisions are needed
- Report recommendations to the state board of health and local health officers

## OSS Rule Time Line



# Chronological Rule Reviews

---



# Chapter 246-272A WAC

---

## 2017 Evaluation Process

- Online survey sent to all the environmental health directors
- Technical advisory group meeting
- On-site system rule review panel meeting
- Internal review



# 2017 Evaluation Stakeholders

---

## Onsite Rule Review Panel

- LHJs
- Shellfish Industry
- Dept. of Ecology
- Installer
- Homeowners/Citizens (COOMWA)
- O&M Provider
- Engineer
- WOSSA
- Proprietary Product Manufacture
- Tulalip Tribe
- National Estuary Program
- Environmental Advocacy Groups

## Technical Advisory Group

- Addressed Technical Issues
- Designer, Installer, O&M Provider
- Engineer
- LHJs from Different Regions of State
- Realtor
- Certified Soil Scientist

## Survey of LHJs

- Asked If The Rule Provides Statutory Intent
- 32 of 35 LHJs Participated

# Chapter 246-272A WAC

## Seven Key Issues Were Identified

- Definitions



- Local management plans



**FOR SALE**  
House with Septic

- Property transfer inspections

- Application of treatment levels

Treatment Levels Table VI

Vertical Separation	Soil Type		
	1	2	3 — 6
≥12" < 18"	A	B	B
≥18" < 24"	B	B	B
≥24" < 36"	B	C	E
≥36" < 60"	B	E	E
≥60"	C	E	E

Pressure distribution with time-dosing

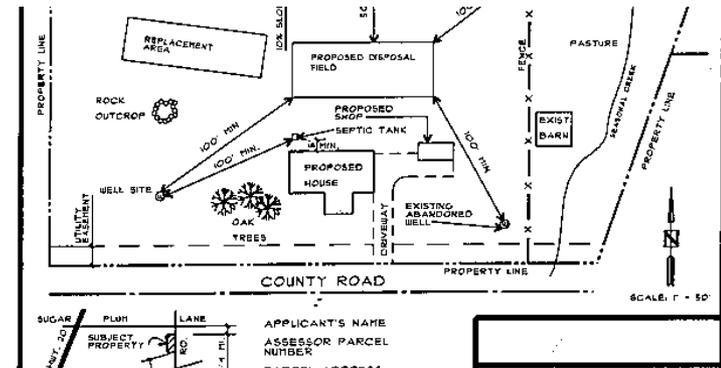
Pressure distribution

Gravity distribution

# Chapter 246-272A WAC

## Seven Key Issues Were Identified (continued)

- Ultraviolet light (UV) disinfection effectiveness and approval
- Horizontal setbacks (system location)
- Statewide O&M service providers licensing



# Other Issues Identified During Rule Review

## Operation & Maintenance

Design Requirements

Secure Tank Lids

Service Provider  
Licensing

Prohibited Waste  
Types

## Monitoring

Disinfection Used to  
Meet Treatment  
Levels

Field Effectiveness  
Verification

Nitrogen Reduction

## Design Requirements

Treatment Levels

Minimum Lot Sizes

Repair of Failures /  
Connection to Sewers

Minimum Tank Size

# Conclusions of Review Process

---

## DOH reported to State Board of Health that:

- Stakeholder majority believe revisions are needed in system **design, maintenance, and monitoring** requirements.
- **Seven key issues** identified are significant enough to warrant rule revisions.
- An additional eighteen medium ranking issues were identified where changes will improve rule effectiveness.
- A thoughtful revision process driven by diverse stakeholders will produce the most balanced and equitable regulations that are protective of public health while not being over-burdensome.

# Conclusions of Review Process

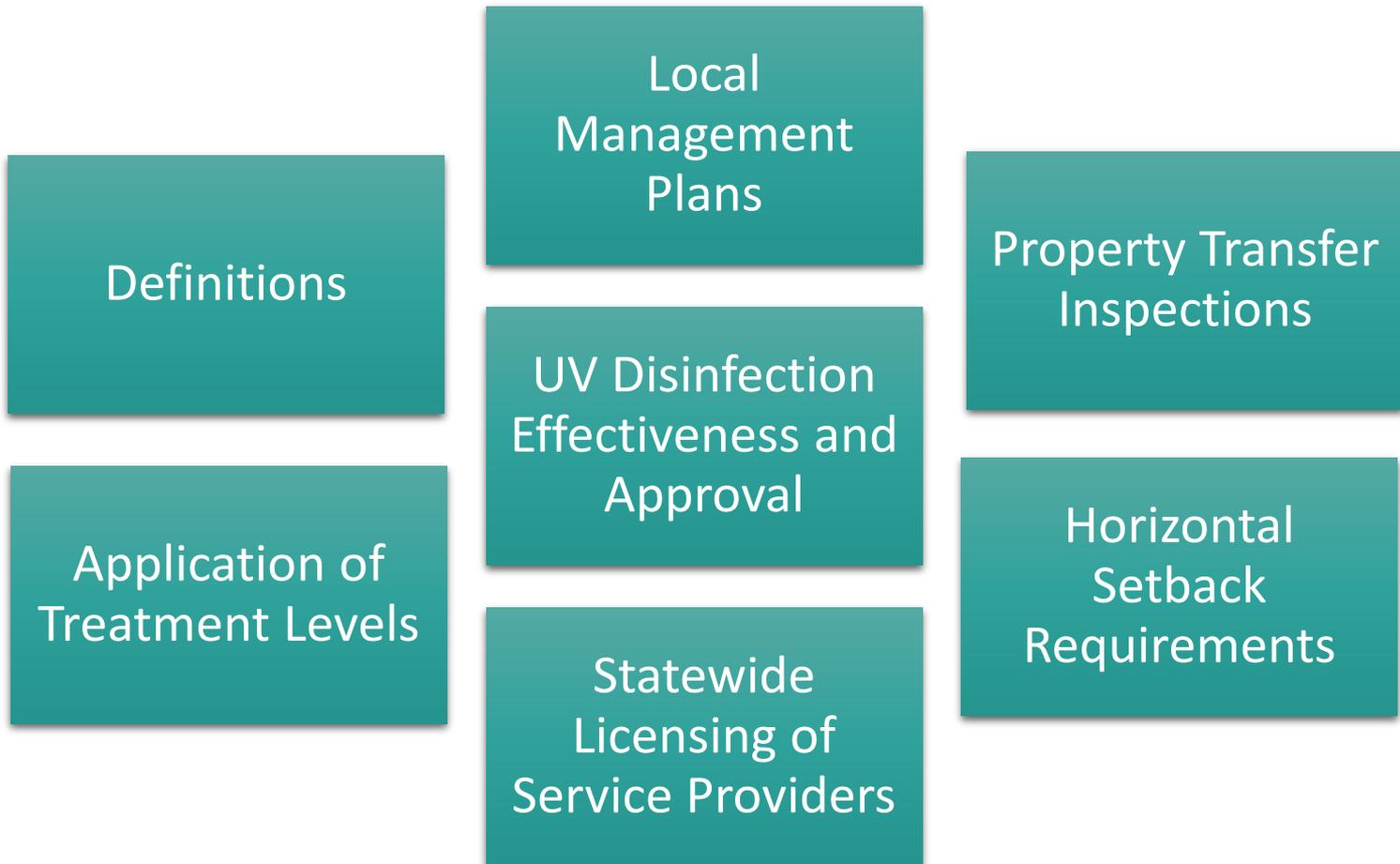
---

## State Board of Health:

- On January 10, 2018 directed DOH to begin rule revision as a soon as possible.
- On March 6, 2018 filed a CR 101 stating Board intent to consider rule revision.

# Issues for Consideration

## Key Issues From State Board of Health Report



# Other High Level Issues From Report

## Operation & Maintenance

Design Requirements

Secure Tank Lids

Prohibited Waste Types

## Monitoring

Disinfection Used to Meet Treatment Levels

Field Effectiveness Verification

Nitrogen Reduction

## Design Requirements

Effluent Application Rates

Minimum Lot Sizes

Repair of Failures / Connection to Sewers

Minimum Tank Size

# Legislation

---

## HB 2420

Repairs/Failure  
Inspection Access  
and Notification  
Easements  
Maintenance  
Contracts

## HB 1476

Update  
Management  
Plans

## Other Issues

---

New Issues From ORRC

Issues Collected by DOH

Issues From the Public