

# Addressing Water Quality and Beneficial Use Protection

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# Overview

- Toxicity Provisions
- Sanitary Sewer System Statewide Order
- Recycled Water Policy

# Toxicity Provisions

- Statewide Plan
- Supersedes State Implementation Policy & Portions of Basin Plans
- Establishes:
  - Numeric water quality objectives for toxicity
  - Consistent data analysis method
  - Implementation Plan

# Toxicity Provisions Implementation

- Non-Stormwater NPDES Dischargers
  - Species sensitivity screening
  - Reasonable potential
  - Effluent limitations
  - Monitoring frequency
  - Toxicity reduction evaluation
- Stormwater & Non-point Source Dischargers – Use TST

# Toxicity Provisions Schedule

- Draft released on October 19, 2018
- Comments due December 21, 2018
- Revised Provisions release: May 31, 2019
- Staff workshops: June 3 & 24, 2019
- Board workshop: July 2/3, 2019
- Board adoption: September 2019

# Sanitary Sewer System Order

- Existing order (2006)
  - Sanitary sewer management plans
  - Local agency internal audits
  - Monitoring & reporting spills
- Staff evaluated:
  - Municipalities' permitting needs
  - Regional Board needs
  - Update requirements with current system design and asset management standards

# SSS Order Implementation

- Many system owners upgraded local sanitation programs
- Professional organizations providing training & certification
- Local boards providing resources
- Regional Boards formally enforcing
- 3<sup>rd</sup> parties pursuing remediation of recurring spills

# SSS Order Proposed Reissuance

- Requirements focused on spill volume
- Improve data quality
- Enhance order enforceability
- Incentivize order compliance
- Effective planning for system resilience
- Regulate large private sewer systems and large laterals



# SSS Order Reissuance Timeline

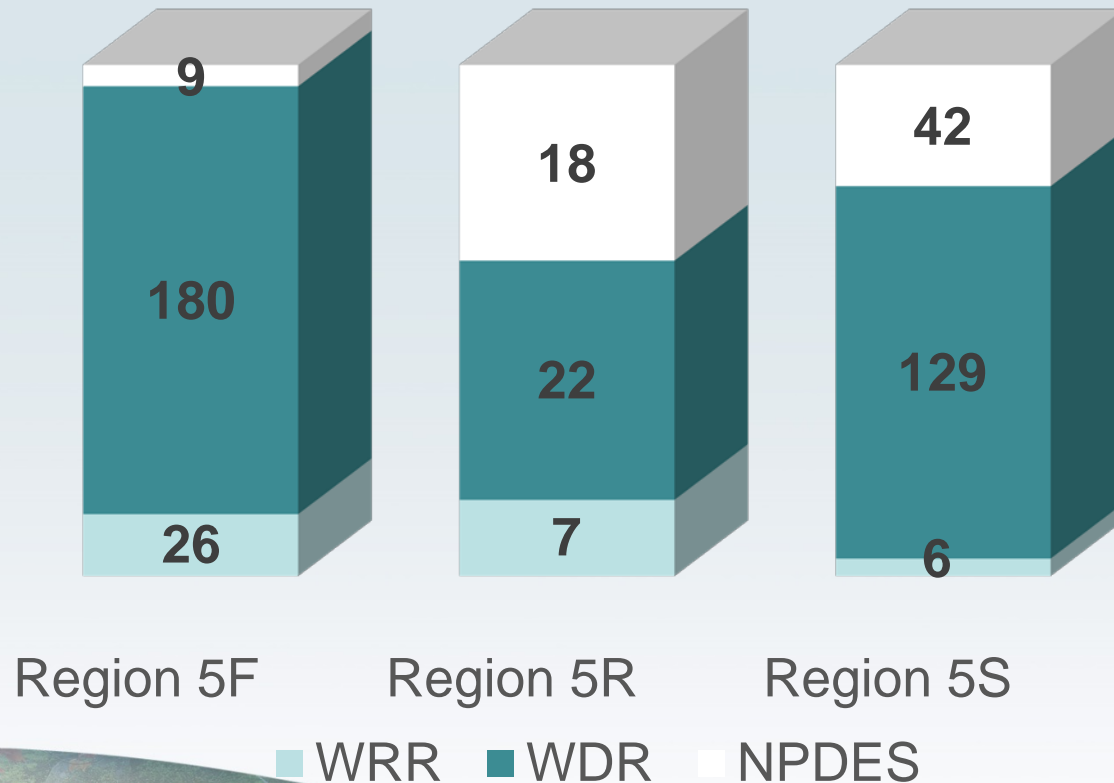
- Staff prepare draft order and publicly notice for comment
- Board hearing during comment period
- Staff considers comments and prepares final draft order
- Adoption currently proposed for 2020

# Recycled Water Policy

- Amendment adopted December 11, 2018
- Effective date: April 8, 2019
- Three executive orders to be issued June 2019
  - Updates to monitoring and reporting requirements:  
volumetric electronic reporting

# Recycled Water Policy

Affected Permits in the Central Valley Region



# Recycled Water Reporting Requirements

- Annual reporting of monthly volumes for:
  - Influent
  - Production – treatment level
  - Discharge to inland surface waters, ocean, estuaries, natural systems, underground injection wells, land

# Recycled Water Reporting Requirements

- Annual reporting of annual volumes for:

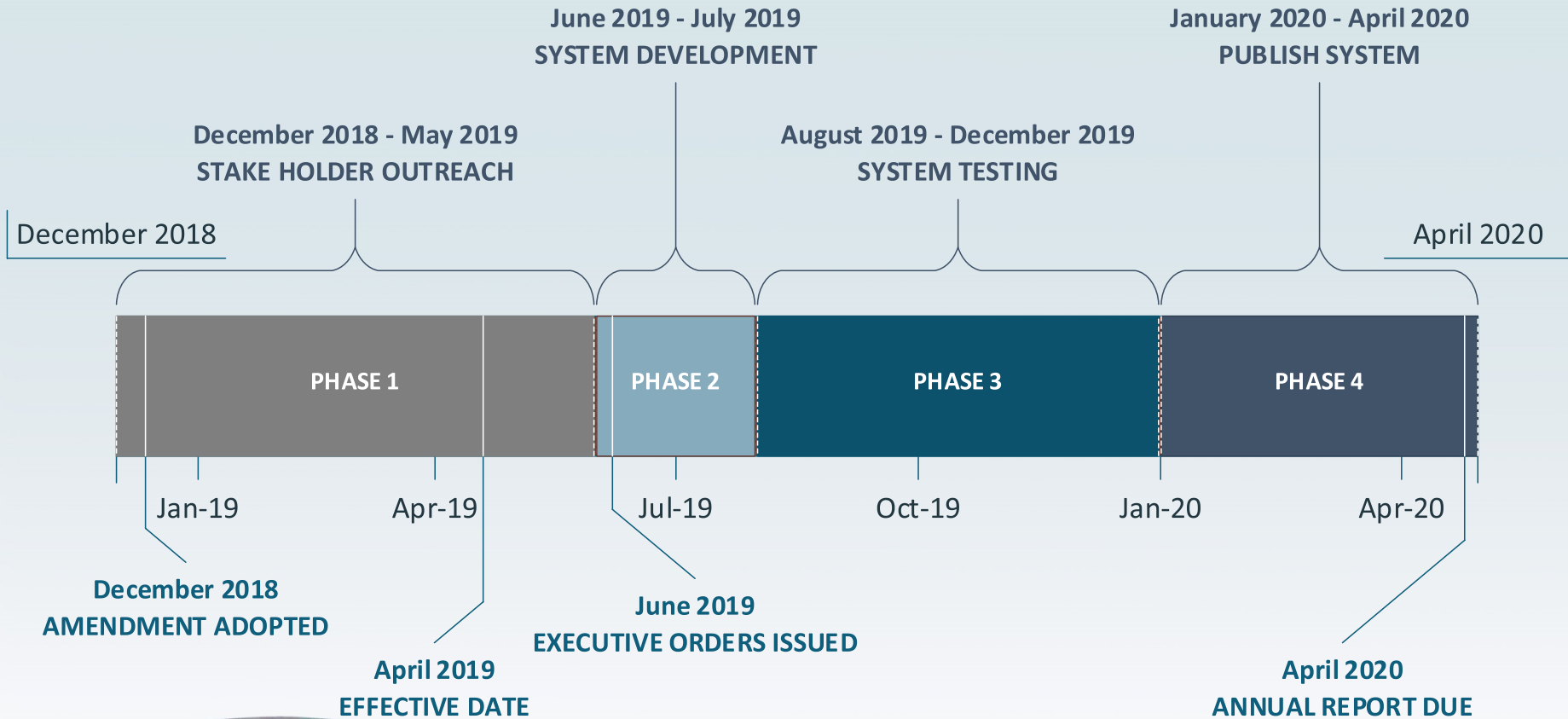
## Non-Potable Reuse:

- Agricultural Irrigation
- Landscape Irrigation
- Golf Course Irrigation
- Commercial
- Industrial
- Geothermal Energy Production
- Other Non-Potable Uses

## Potable Reuse:

- Groundwater Recharge
- Seawater Intrusion Barrier
- Reservoir Water Augmentation
- Raw Water Augmentation
- Other Potable Uses

# Recycled Water Reporting Timeline



# Questions?

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15