

Final Staff Report

Including the Substitute Environmental Documentation

Amendment to the Water Quality Control Plan for the Ocean Waters of California to Control Trash and Part 1 Trash Provisions of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California



DIVISION OF WATER QUALITY  
**STATE WATER RESOURCES CONTROL BOARD**  
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

# CALIFORNIA TRASH POLICY

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# Why the Trash Policy

**Provide statewide consistency for Water Boards' regulatory approach to protect aquatic life, public health, beneficial uses, and environment**



# What's Required

Install full trash capture devices and/or implement institutional controls to attain full trash capture equivalency for Priority Land Use Areas in jurisdiction:

1. High Density Residential (10 units/acre)
2. Industrial
3. Commercial
4. Mixed Urban
5. Public Transportation Stations



# Applicability = NPDES Permits

## Trash Provisions

### Municipal Separate Storm Sewer Systems (MS4s) Phase I and II

- Tahoe Basin
- West Slope

### Industrial General Permit (IGP)

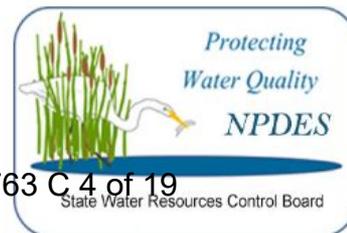
- Union Mine Landfill
- Placerville Airport
- Georgetown Airport

### Construction General Permit (CGP)

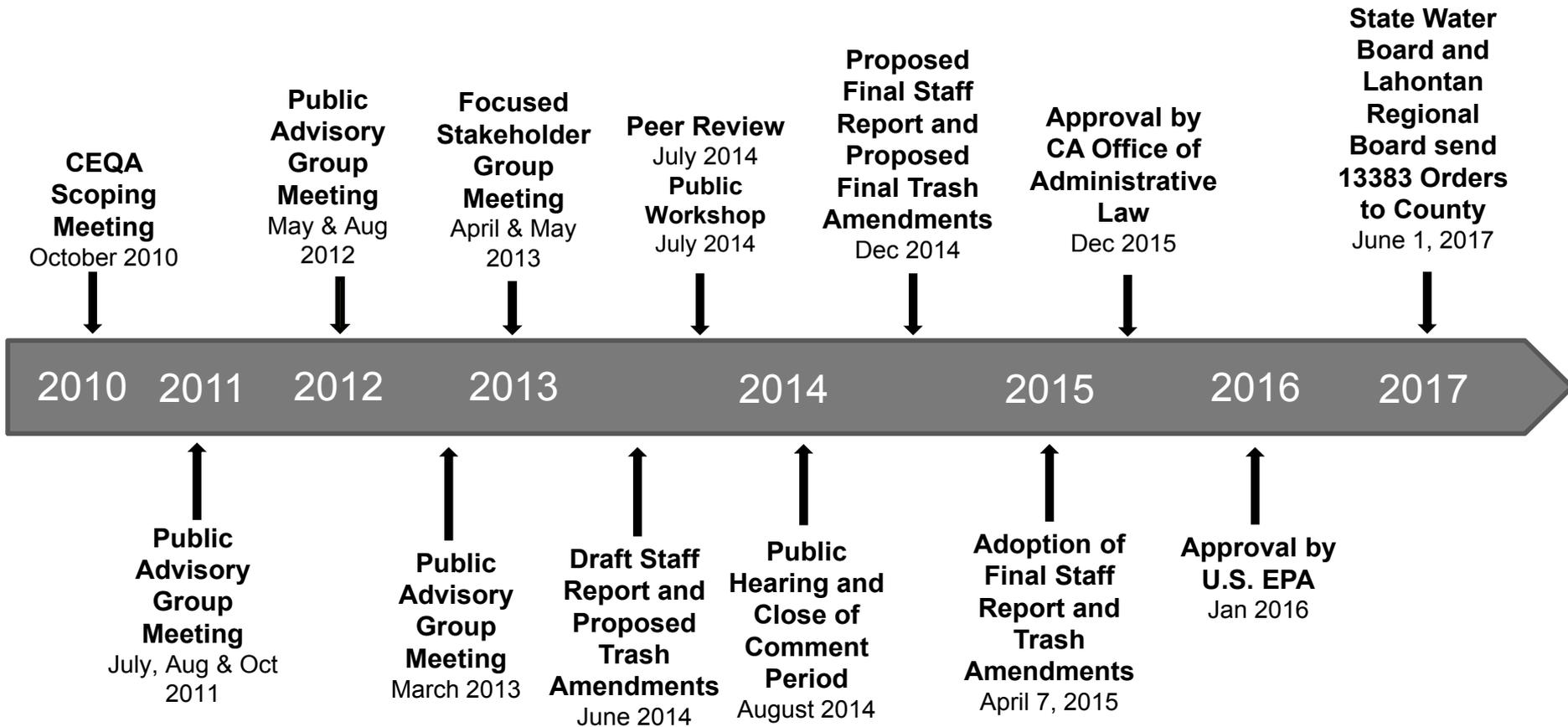
- Multiple Permits

### Department of Transportation (Caltrans)

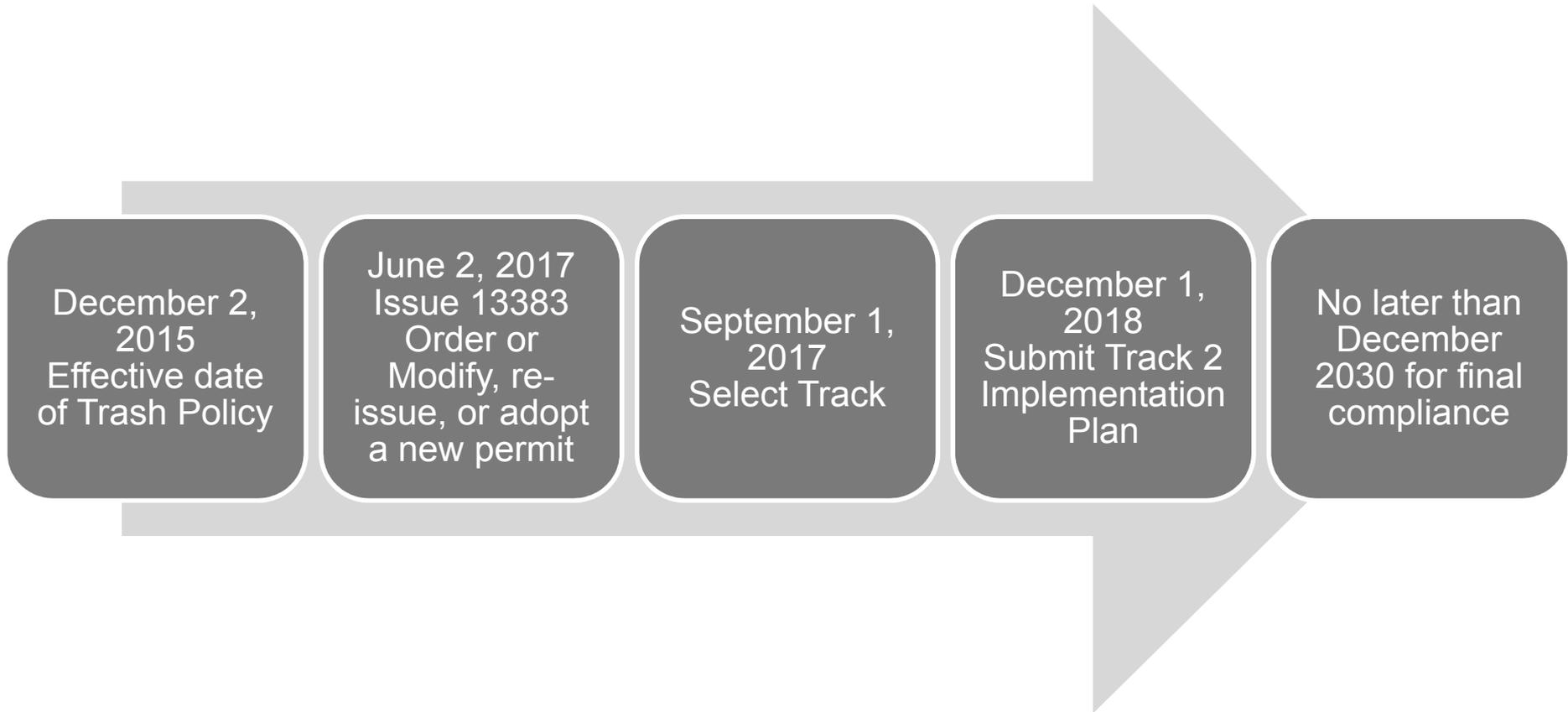
### Waste Discharge Requirements (WDR) and Waivers of WDRs



# Trash Policy Development



# Trash Policy Compliance Timeline



# **County's Track Selection**

**Tahoe Basin – Track 2**

**West Slope – Track 2**

**\*Track 2 requires submittal of an  
Implementation Plan**

# Track 2

## Full Trash Capture System Equivalency

- Full/Partial capture devices
- Multi-benefit projects
- Institutional Controls:
  - Street Sweeping
  - Public Outreach/Campaigns
  - Enforcement/Ordinances/Product Bans
  - Waste Management/Trash Receptacles
  - Land/Water Cleanups



# Implementation Plan Purpose

- A description of the controls selected by the MS4 permittee and the rationale for the selection
- The rationale for how the controls will achieve Full Capture System Equivalency (FCSE)
- The rationale for how FCSE will be demonstrated

# Implementation Plan Process

- **West Slope**

- PLU Mapping
- Map Scrubbing
- Baseline Assessments
- Baseline Trash Load
- Functionally Equivalent Actions
- Monitoring
- Adaptive Management

- **Tahoe**

- PLU Mapping
- Map Scrubbing
- Baseline Assessment
- Monitoring



Collaboration. Commitment. Confidence.™

Report for:

**TRACK 2 IMPLEMENTATION PLAN FOR COMPLIANCE WITH STATEWIDE TRASH AMENDMENTS**  
El Dorado County, California

Prepared for:

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NCE Project Number:  
501.31.55

Engineering & Environmental Services

[www.nccenet.com](http://www.nccenet.com)

# Baseline Assessments

- Staff trained on Water Board approved methods
- Conducted two Assessments on WS and one in Tahoe
- Majority of PLUs in low category (all in Tahoe)
- Medium and high WS PLUs approximately 420 acres
- WS Baseline Trash load approximately 2,562 gallons/year

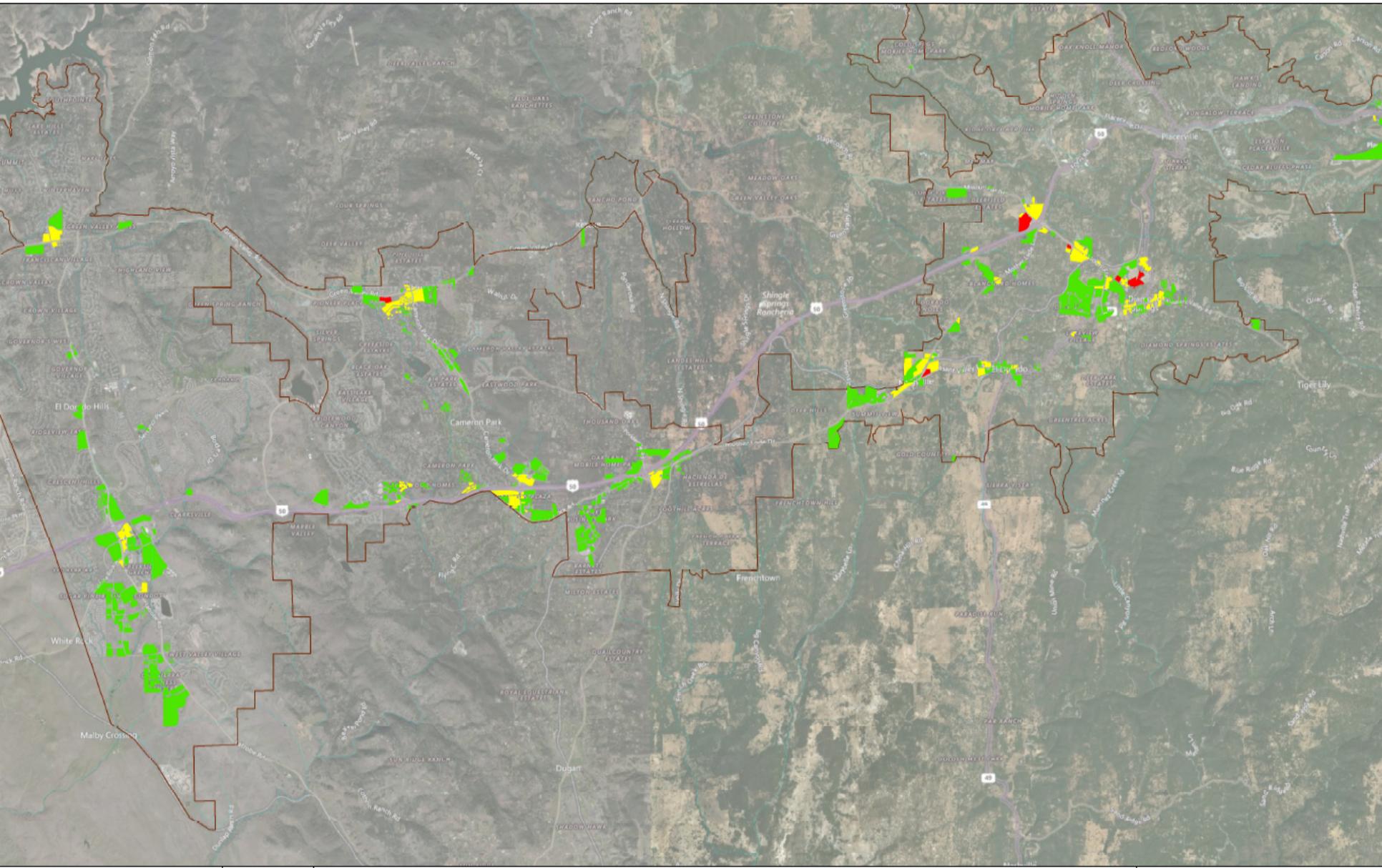


# County's West Slope Strategy

- **Jurisdiction-wide FE actions**
  - Increased education at all levels
  - Antilittering campaigns
- **Strategic cleanups**
  - Increased street sweeping
  - Litter abatement crews
  - FTC device installation
- **Partnership with private landowners**
  - Increased education and outreach
  - Incentive based programs
  - Increased ordinance development and enforcement



\*Need to turn all PLUs not in low category to low



Area (MS4 Jurisdiction)  
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**First Baseline Trash Generation Assessment**  
 El Dorado County, California

**18-1763 C 13 of 19**

1 inch = 6,500 feet

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SOURCE  
 Bing Hybrid Basemap, El Dorado County

JOB NUMBER  
 501.31.55

DRAWN  
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DATE  
 5/24/2018

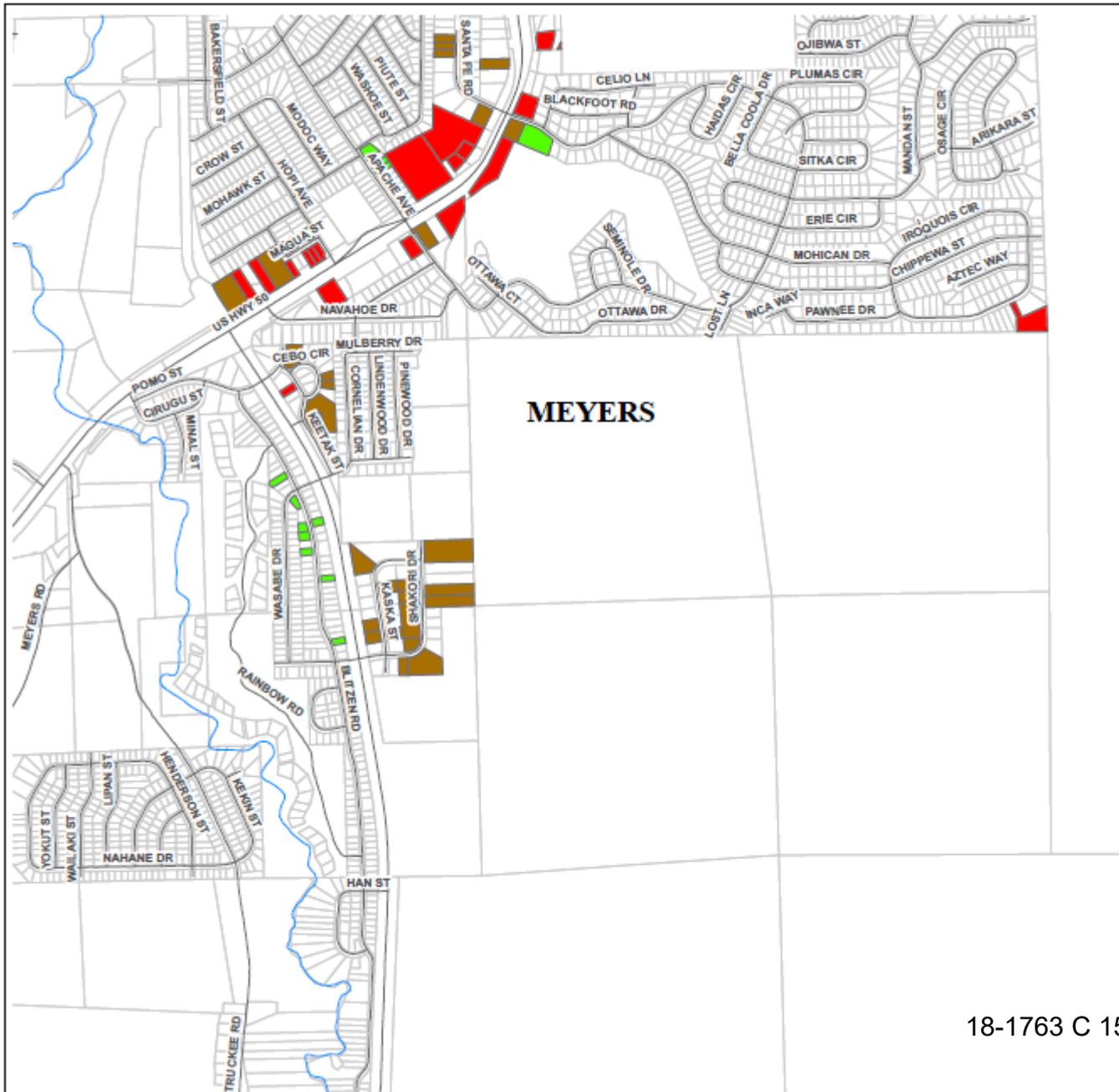
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13.0

# County's Tahoe Strategy

- All PLUs in compliance
- Continue existing trash reduction actions
- Monitor annually





# Cost

- Implementation Plan designed to minimize cost
- At least two new FTEs for West Slope
- Possible new General Fund money needed
- Will learn more as Implementation Plan is realized

# Costs for Non-Compliance

§ 13385 (a) (California Water Code)

Up to \$10,000 per day of violation plus an additional liability of \$10 per gallon for each gallon over 1,000 gallons where there is a discharge that is not cleaned up.

# **Next Steps/Critical Tasks**

## **For County**

- Submit Implementation Plans to Water Board
- Implement West Slope Plan
- Further explore costs and funding options
- Asset Management for West Slope

## **For New Private Projects**

- Develop Standards and Details
- Immediate compliance for applicable projects

# Staff Recommendations

- 1) Endorse staff's recommended Track 2 strategy to demonstrate full trash capture equivalency for both the West Slope and the Lake Tahoe Basin to comply with the Trash Policy; and
- 2) Direct staff to send the required submittals to the State Water Resources Control Board and the Lahontan Regional Water Quality Control Board by December 1, 2018.