

# Storm Water Program Overview & Trash Plan

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# Outline

- Background
- Current Program
- New Program Elements
- Trash Implementation Plan





# Background

- National Pollutant Discharge Elimination System (NPDES) regulated by NCRWQCB (Regional Board or RB)
- 2003-2016: Small City NPDES required to have Storm Water Management Plan
  - Select BMPs to reduce SW pollution to the maximum extent practical.
- 2010-2016: Medium and Large Agencies NPDES
- 2016-2021: Term of new NPDES Permit



# MS4 Storm Water Permit – Phase II > Phase I Transition

2003 – 2013

Phase II – Storm Water Management Plan



2013 – 2015

Transition Approved & Implementation



2016 – 2021

Phase I MS4 Permittee



# Permit Elements

- A. Program Management
- B. Outreach
- C. Industrial-Commercial Program
- D. Planning and Land Development
- E. State Conformity (CEQA, General Plan)
- F. Construction (During and After)
- G. Public Agency Activities
- H. Spill Response and Illicit Discharge Elimination

“Ramp Up” Nearly Complete

# A. Program Management

- Discharge prohibitions/Non-Storm Water BMPs Plan (Complete)
- Legal Authority (Complete) January 2017.
- Fiscal resources. Break out expenses.
- Progressive Enforcement

## B. Public Information and Participation

- Residential Outreach
- Children outreach
- Effectiveness assessment

# C. Industrial/Commercial Program

- Business Assistance Program
- Industrial/Commercial Critical Sources
  - Restaurants, Auto services, gas stations, nurseries
- Inspect Industrial/Commercial sources

# D. Planning and Land Development

- Implement development requirements incorporating MS4 Permit provisions
- Development subject to post-construction BMPs
  - Sizing BMPs
  - LID Technical Guidebook
- Retrofit Areas of Existing Public Development
- Tracking and Inspection

# E. State Conformity

- CEQA (addresses mitigating any storm water impacts)
- General Plan (any update to address policies to be consistent with MS4 permit.

# F. Development Construction

- Grading restrictions
- Construction BMPs
- Plan review and approval procedures
- Site inspections
- Enforcement

# G. Public Agency Activities

- Minimize storm water impacts from City owned or operated facilities and activities:
  - Storm Drain O&M
  - Trash management
  - Vehicle and Equipment Washing
  - Material stockpiles
  - Street and Road Maintenance
  - Landscape, Park and Recreation Management(list incomplete for brevity)

# H. Illicit Discharge Elimination

- Outfall mapping and inspection
- Illicit discharge source investigation procedures
- Response to illicit connections
- Public reporting of non-storm water discharges and spills
- Spill response plan

# MS4 Storm Water Permit – New Requirements

- Laguna Monitoring and Reporting Plan
  - Water Quality Monitoring Events
  - Bio Assessment
  - Sediment Work Plan



# MS4 Storm Water Permit – Upcoming Requirements

2019

Outreach-  
Residential,  
Spanish, Children

Critical Source  
inspections

Road  
Reconstruction  
and Low Impact  
Development

Integrated Pest  
Management  
Program

Facility Pollution  
Prevention Plans  
for public facilities

Public Outreach  
Effectiveness  
Assessment

Offset LID  
Mitigation

Public Facility  
Inspections

Outfall  
Inspections

Report of Waste  
Discharge

2018

# MS4 Storm Water Permit – Funding

- Financial Implications
  - New funding sources
- Senate Bill 231
  - Defines “sewer” to include storm water
- Prop 1 Storm Water Grants
  - Focus on capture and reuse
- Storm Water Resource Plan
  - Laguna De Santa Rosa Headwaters Restoration Project





# Trash Amendments – Background

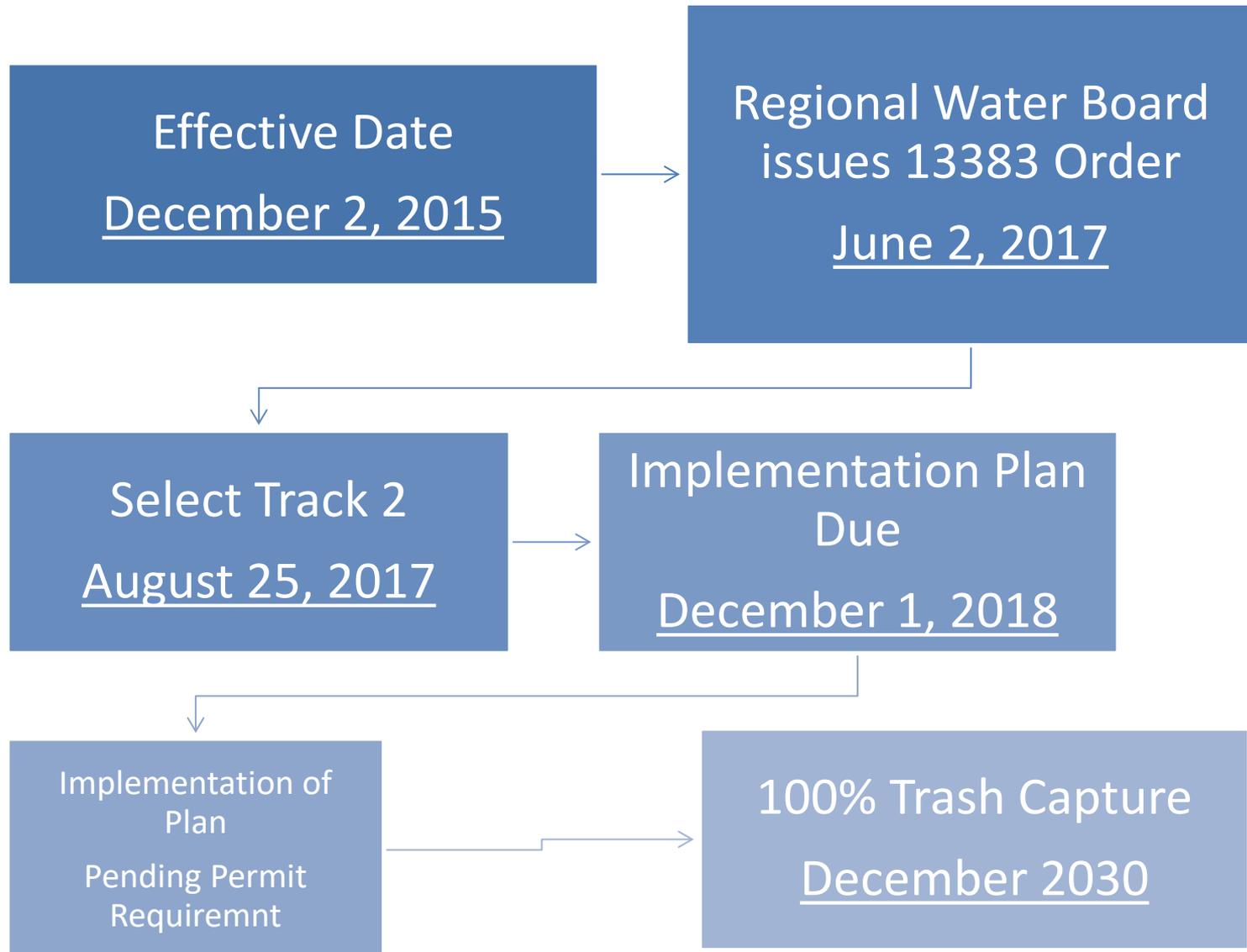
- Adopted in April 2015 by the State Water Board
- Discharge Prohibition
- Two compliance options
- Ten years to meet requirements



“Particles that are 5mm or greater...”

*The discharge of trash to surface waters of the State or the deposition of trash where it may be discharged into surface waters of the State is prohibited*

# Trash Amendments –Timeline



# Trash Amendments – Trash Implementation Plan

- Plan is due to Water Board by December 1, 2018
- Components
  - On-land Visual Trash Assessment
  - Compliance Approach
    - Full Capture System Locations
    - Full Capture System Equivalency
  - Cost Estimates
  - Jurisdictional Map
  - Developing the Plan
  - Regulatory Compliance Management
  - Project Management



# Recommendations:

1. Receive informational report on the Storm Water Program
2. Approve by motion a Professional Services Agreement with West Yost Associates for the preparation of the Trash Implementation Plan.