

# UPDATE ON NUTRIENT WATERSHED PERMIT

Presented at the BACWA Annual  
Meeting

January 15, 2016

# Nutrient Watershed Permit

- ▣ Adopted April 14, 2014
- ▣ Identified 37 major ( $> 1$ mgd) and 2 minor ( $< 1$  mgd) POTWs
- ▣ Permit Required:
  - Financial support of scientific studies
  - Monitoring and reporting
  - POTW evaluation of optimization and upgrades to reduce nutrient loadings to the Bay

# Specific Requirements

- ▣ Support of Scientific Studies
  - Collective level of effort amounting to \$880k/yr
- ▣ Individual POTW Effluent Monitoring for Nutrients
  - Twice per month  $> 10$  mgd
  - Once per month  $< 10$  mgd
  - Twice per year  $< 1$  mgd

# Specific Requirements (con't)

- ▣ Reporting
  - Routine SMRs reporting
  - Annual Report by Sept 1<sup>st</sup> each year starting 2015
    - ▣ Analysis of trends, load variability, assessment as to reasons for increases or decreases in loadings
    - ▣ Option to participate in a group annual report (Oct 1<sup>st</sup>)
- ▣ Nutrient reduction investigations
  - Conduct plant specific optimization and upgrade assessments

# BACWA's Role in Meeting Permit Requirements

- ▣ Optimization/Upgrade Studies
  - Site visits for all major POTWs have been completed
  - Contract Management Group (CMG) overseeing the regional investigation holding monthly conference calls with consultant team(HDR/B&C)
  - All initial data collection completed, follow-up for recycling plans is on-going
  - Op/Upgrade analyses and costing is on-going



# BACWA's Role in Meeting Permit Requirements (con't)

- ▣ Support of Scientific Studies and Annual Reporting
  - \$880k required from Bay Area POTWs has been funded for FY 2015 and 2016
  - 1<sup>st</sup> Annual trending report was submitted Oct 1, 2015, with Supplement on Nov 12, 2015
  - **Nutrient Surcharge** (funds the Op/Upgrade, scientific studies and Annual reporting) was included on BACWA's FY 16 invoices

# POTW's Role in Meeting Permit Requirements

- ▣ Continue all routine monitoring required
- ▣ Point of Contact (POC) continued coordination with consulting team:
  - Complete data requests on recycling plans
  - Review and approve results of consultant's optimization/upgrade investigations
  - Provide timely submittal of annual data to allow for preparation of Annual Nutrient Trend Report
- ▣ Continue as member of BACWA

# BACWA Next Steps

- ▣ Complete all Nutrient Watershed Permit requirements over the next 3 years.
- ▣ Continue participating in the Nutrient Management Strategy governance structure
- ▣ Continue engagement of the BACWA membership (e.g. information dissemination, educational efforts, etc.)
- ▣ Coordinate with the WB on the issuance of the next nutrient watershed permit