UPDATE ON NUTRIENT WATERSHED PERMIT
Presented at the BACWA Annual Meeting
January 15, 2016
Nutrient Watershed Permit

- Adopted April 14, 2014
- Identified 37 major (> 1mgd) 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 1st 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 1st)

- Nutrient reduction investigations
  - Conduct plant specific optimization and upgrade assessments
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
  - 1st 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.