Merge computer with phone audio

1. Locate your participant ID
2. On your phone, dial "# [Participant ID] #"
3. Your phone number will be merged with your name
4. Mute your computer speaker

- *6 - Toggle mute/unmute
- *9 - Raise Hand
Please mute yourself when not speaking
Overview

- What is a Basin Plan Triennial Review?
- Priority projects from last triennial review
- 2021 Candidate Projects for Review
  - Updates to beneficial uses
  - Updates to water quality objectives
  - Updates to the implementation plan
  - Updates to plans and policies
- Next steps
- Discussion and Q+A
What is a Basin Plan?

- Master Planning Document for Water Board
- Regulatory
  - Beneficial uses, water quality objectives
  - Implementation plan [effluent limits, discharge prohibitions, permit programs, TMDLs]
- Information
  - Maps, tables, plans and policies, program descriptions, and related regulations
What is a Triennial Review?

- Clean Water Act Section 303(c)(1): a state’s water quality standards shall be reviewed every three years
- Planning Workplan (non-TMDL)
- Elements of the review process:
  - Attainability of existing standards and associated implementation programs
  - Indicators of environmental degradation and need for additional protection
  - Regulatory implementation program updates
What is a Triennial Review? (cont.)

- Formal process for interested parties to provide input to the Water Board workplan for Basin Planning
- Interested parties include:
  - The public: organizations and individuals
  - California Native American Tribes
  - Regulated community
Triennial Review Process

1. Internal Review
2. Public Notice for Workshop
3. Public Workshop
4. Response to Comments
5. Public Notice for Ranked List of Projects
6. Response to Comments
7. Board Meeting Adoption
# Review of 2018 Workplan

<table>
<thead>
<tr>
<th>Project</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate Change and Wetland Policy Update</td>
<td>Work ongoing (5.1)</td>
</tr>
<tr>
<td>Review and Update Policy 94-086 - Using Wastewater to Create, Restore, and Enhance Wetlands</td>
<td>Removed – no basin plan changes necessary</td>
</tr>
<tr>
<td>Review and Refine Dissolved Oxygen Objectives for San Francisco Bay</td>
<td>Work ongoing (3.4)</td>
</tr>
<tr>
<td>Review and Implement Biological Assessment Tools</td>
<td>Work ongoing – not a 2021 candidate project</td>
</tr>
<tr>
<td>Develop Numeric Nutrient Endpoints (NNEs) in Freshwater Streams and Estuaries</td>
<td>Work ongoing – not a 2021 candidate project</td>
</tr>
<tr>
<td>Incorporate Revised Recreational Contact Bacteria Objectives</td>
<td>Completed</td>
</tr>
<tr>
<td>Designate Tribal and Subsistence Fishing Beneficial Uses</td>
<td>Work ongoing (2.1)</td>
</tr>
<tr>
<td>Revise Chlorine Effluent Limits</td>
<td>Completed</td>
</tr>
<tr>
<td>Lake Merced Dissolved Oxygen and pH Site-Specific Objectives</td>
<td>Work ongoing – not a 2021 candidate project</td>
</tr>
</tbody>
</table>
NEW - Essential Basin Planning Work

1. Environmental justice engagement
   - Time to engage with historically disadvantaged communities across all Basin Planning activities
   - Work on tribal and subsistence beneficial uses

2. Planning staff participation in roundtables and regional planning-related efforts
   - Statewide Roundtables and policy efforts
   - SF Bay Nutrient Management Strategy

3. Keep Basin Plan up-to-date
   - Generally non-regulatory changes to correct errors or improve Basin Plan clarity
2021 Triennial Review Topics

- Update beneficial uses
- Update water quality objectives
- Update implementation plan
- Update plans and policies
Update Beneficial Uses

- Designate Tribal Beneficial Uses and Subsistence Fishing Beneficial Uses
  - Document Tribal use for specific waterbodies

- Modify Groundwater Sub-Basin Boundaries
  - Revise boundaries of two groundwater basins in San Francisco and San Mateo counties
Update Water Quality Objectives

Federal and State Objectives

- Clarify Implementation Requirements for Municipal and Agricultural Supply
- Consider Incorporating Clean Water Act Section 304(a) Criteria into the Basin Plan
- Review Un-ionized Ammonia Water Quality Objective for SF Bay and Freshwater
Update Water Quality Objectives

Regional Issues

- Develop Flow Criteria for Selected Bay Area Streams and Rivers
- Nutrient Management Strategy and Dissolved Oxygen Objectives in San Francisco Bay
- Temperature Limits to Protect Salmonids
- Clarify Turbidity Water Quality Objective
Update Implementation Plans

- **Dredge and Fill Policy Update**
  - Incorporate procedures adopted by the State Water Board

- **Screening levels for groundwater cleanup**
  - Would focus attention on significant contaminant concerns by memorializing the approach for deriving and applying Environmental Screening Levels (ESLs)
Update Implementation Plans (cont.)

- **Regional Stream Protection Policy**
  - Emphasize the importance of protecting riparian corridors and ephemeral ponds in the region

- **Update cyanide dilution credits**
  - Develop dilution credit for currently missing waterbodies
## Update Plans and Policies

<table>
<thead>
<tr>
<th>TMDL or TMDL alternative projects we are working on</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF Bay Beaches Pathogens 2 TMDL (Kiteboard, Oyster Point Beaches)</td>
</tr>
<tr>
<td>San Gregorio Creek Sediment TMDL alternative</td>
</tr>
<tr>
<td>Pescadero Marsh Dissolved Oxygen TMDL alternative</td>
</tr>
<tr>
<td>San Francisco Bay Mercury Control Program in Reservoirs TMDL alternative</td>
</tr>
</tbody>
</table>
Update Plans and Policies (cont.)

- Climate change and water resources policy
  - Examining 3 policy areas:
    - Regulating wetland fill, ecosystem restoration and flood protection intelligently in consideration of sea level rise;
    - Using highly-treated wastewater and stormwater in tidal marshes
    - Beneficial re-use of sediment
  - Future project phases could explore other needed Basin Plan changes
Next Steps

- Written feedback due July 8, 2021
  - Email to Samantha.harper@waterboards.ca.gov
- Meeting summary posted to website
- We develop ranked priority project list
- Board hearing on workplan in fall 2021
Your turn to give feedback

- Please raise virtual hand to speak
  - Richard will call on you
- Chat your comments
- Please state name and affiliation for notes
- Consider feedback on:
  - Your support or opposition to projects
  - Changes to scope of existing projects
  - Suggestions for additional projects
Raise Hand

- Participants Window
- Reactions
- *9 on the phone