

San Francisco Bay Basin Plan Triennial Review Public Workshop

June 21, 2021



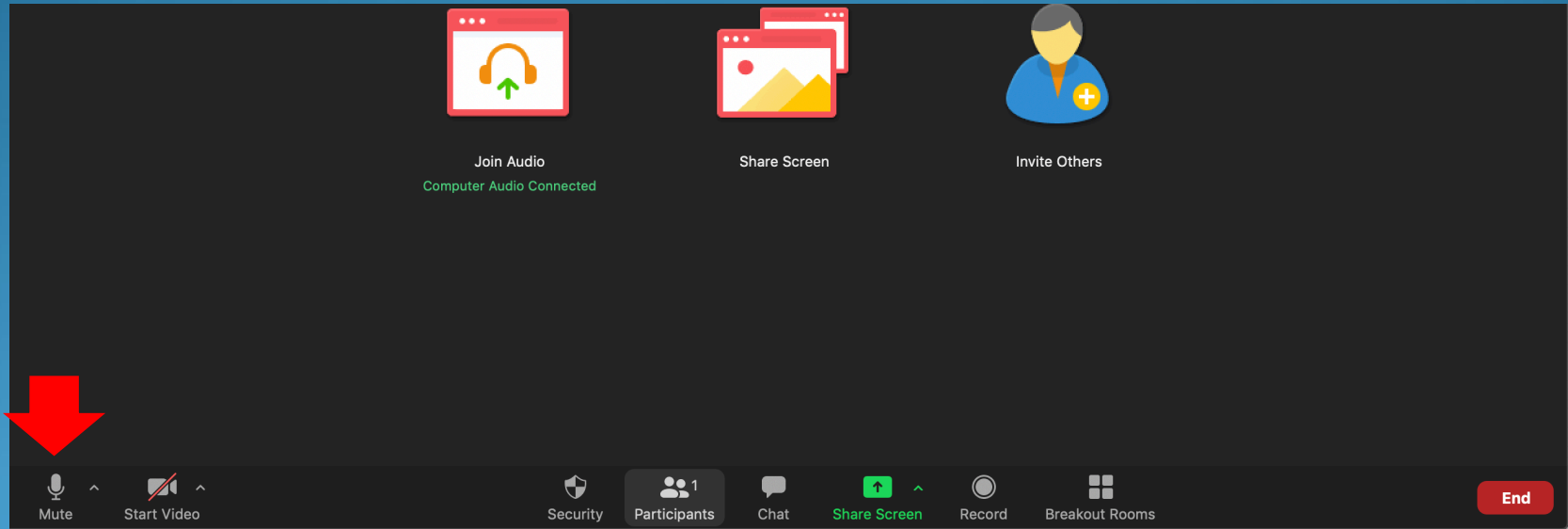
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Merge computer with phone audio

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

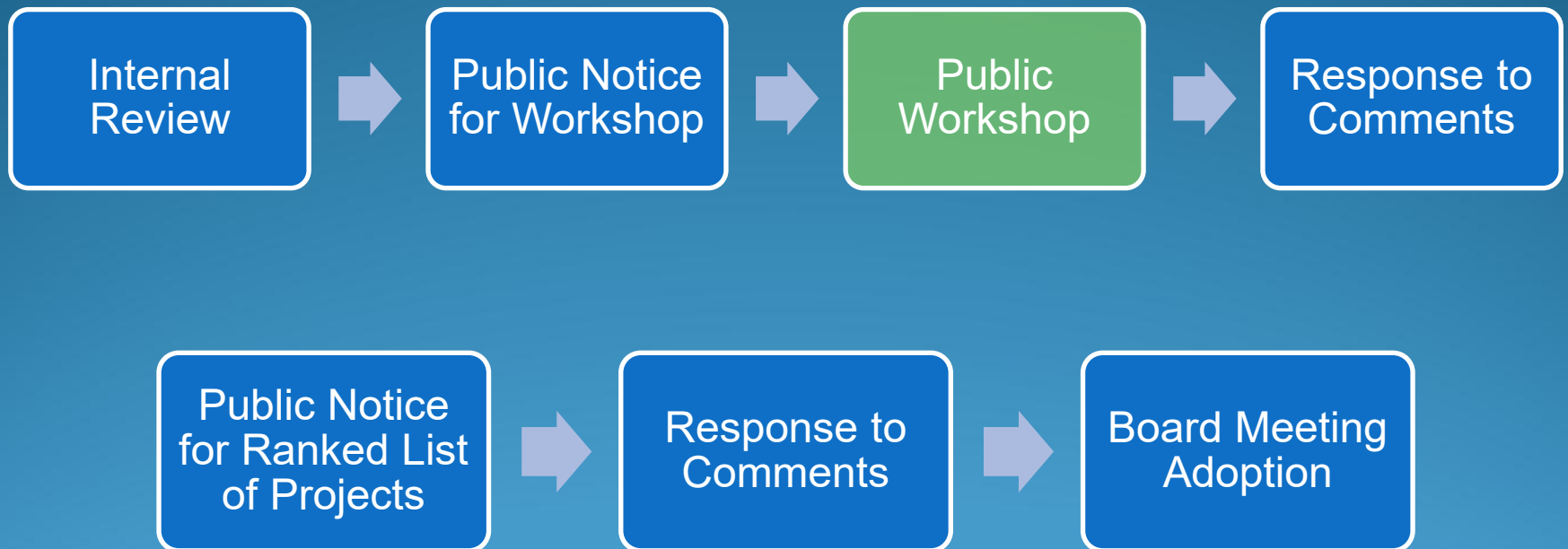
What is a Triennial Review?

- 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



Review of 2018 Workplan

Project	Progress
Climate Change and Wetland Policy Update	Work ongoing (5.1)
Review and Update Policy 94-086 -Using Wastewater to Create, Restore, and Enhance Wetlands	Removed – no basin plan changes necessary
Review and Refine Dissolved Oxygen Objectives for San Francisco Bay	Work ongoing (3.4)
Review and Implement Biological Assessment Tools	Work ongoing – not a 2021 candidate project
Develop Numeric Nutrient Endpoints (NNEs) in Freshwater Streams and Estuaries	Work ongoing – not a 2021 candidate project
Incorporate Revised Recreational Contact Bacteria Objectives	Completed
Designate Tribal and Subsistence Fishing Beneficial Uses	Work ongoing (2.1)
Revise Chlorine Effluent Limits	Completed
Lake Merced Dissolved Oxygen and pH Site-Specific Objectives	Work ongoing – not a 2021 candidate project ⁹

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

TMDL or TMDL alternative projects we are working on

SF Bay Beaches Pathogens 2 TMDL (Kiteboard, Oyster Point Beaches)

San Gregorio Creek Sediment TMDL alternative

Pescadero Marsh Dissolved Oxygen TMDL alternative

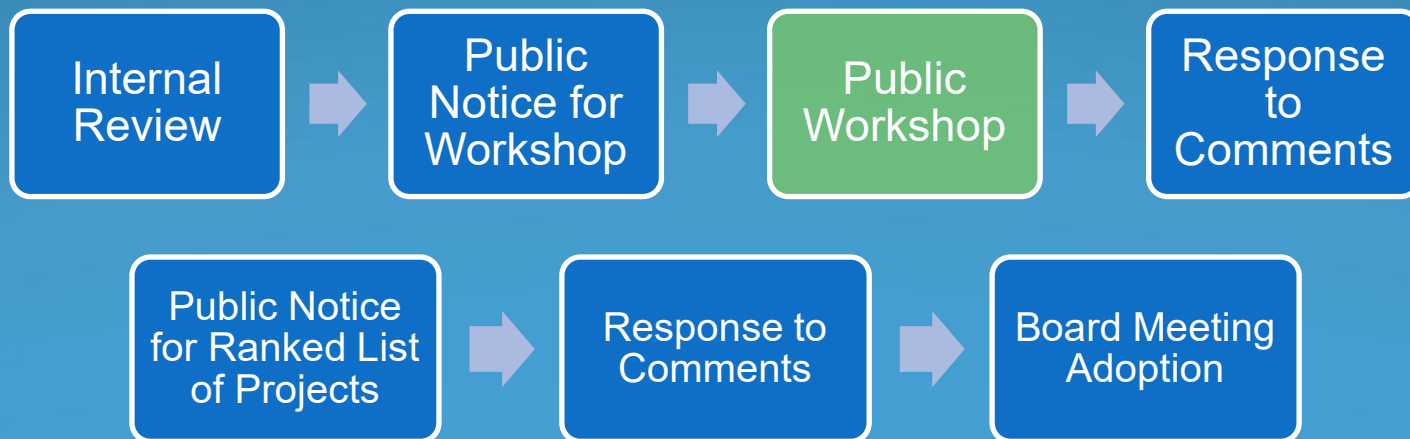
San Francisco Bay Mercury Control Program in Reservoirs TMDL alternative

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

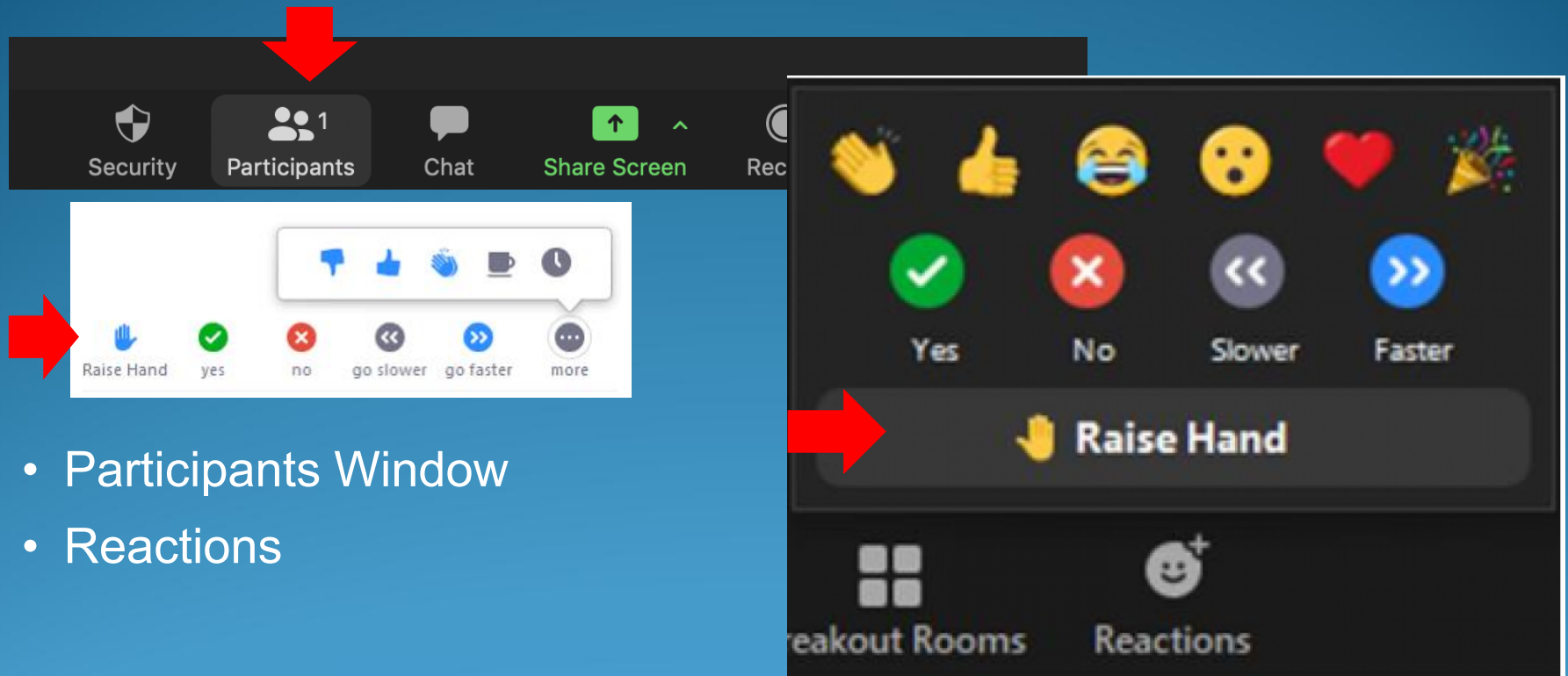
- Written feedback due July 8, 2021
 - Email to Samantha.harper@waterboards.ca.gov
- Meeting summary posted to website
- We develop ranked priority project list
- Board hearing on workplan in fall 2021



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