

# **Geysers-Delta Pond Connection Improvements & Delta Pond Diffuser Maintenance Mitigated Negative Declaration**

January 20, 2022

BPU Meeting

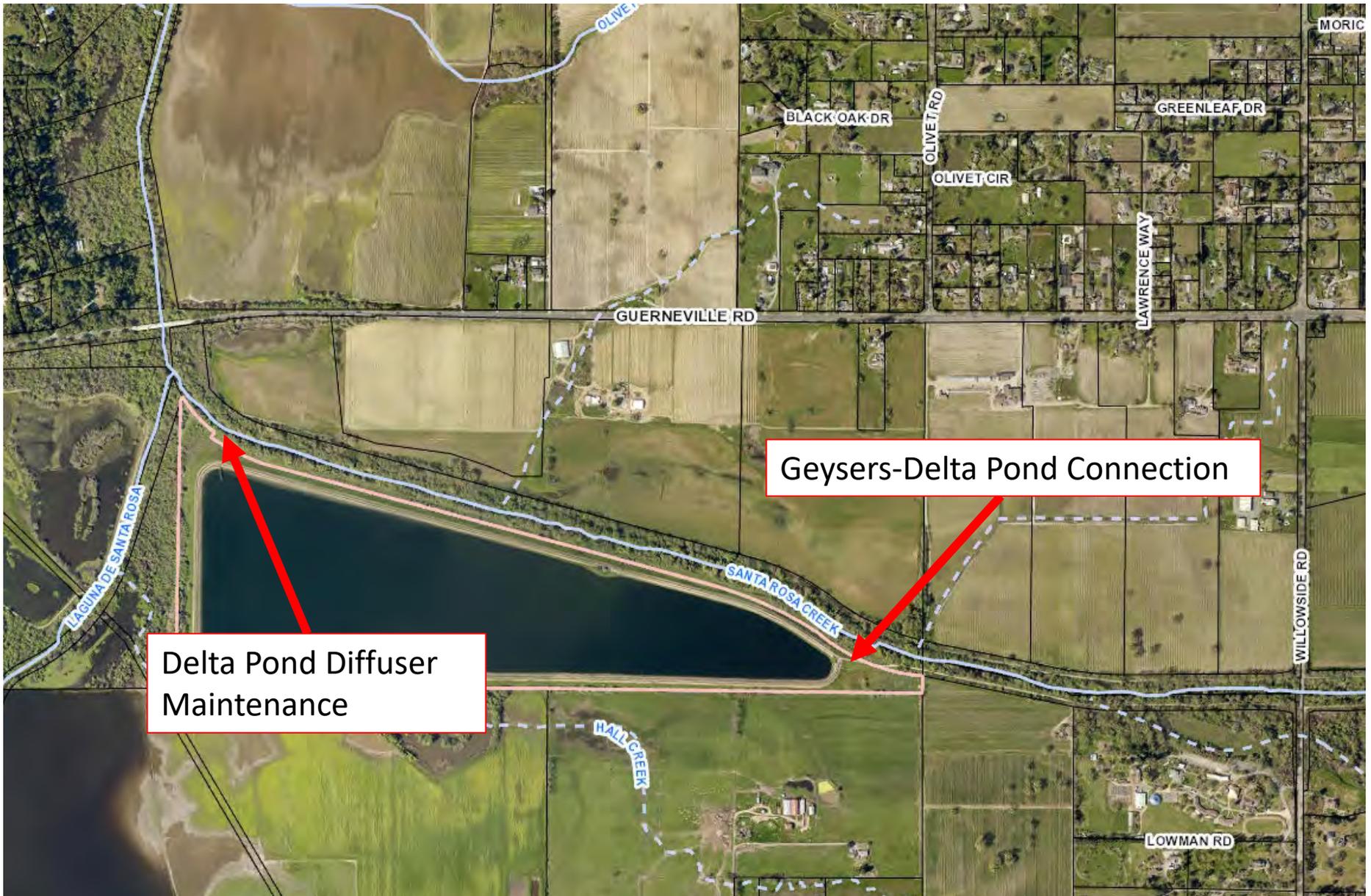
Andrew Wilt & Richela Maeda, Associate Civil Engineers  
Transportation and Public Works



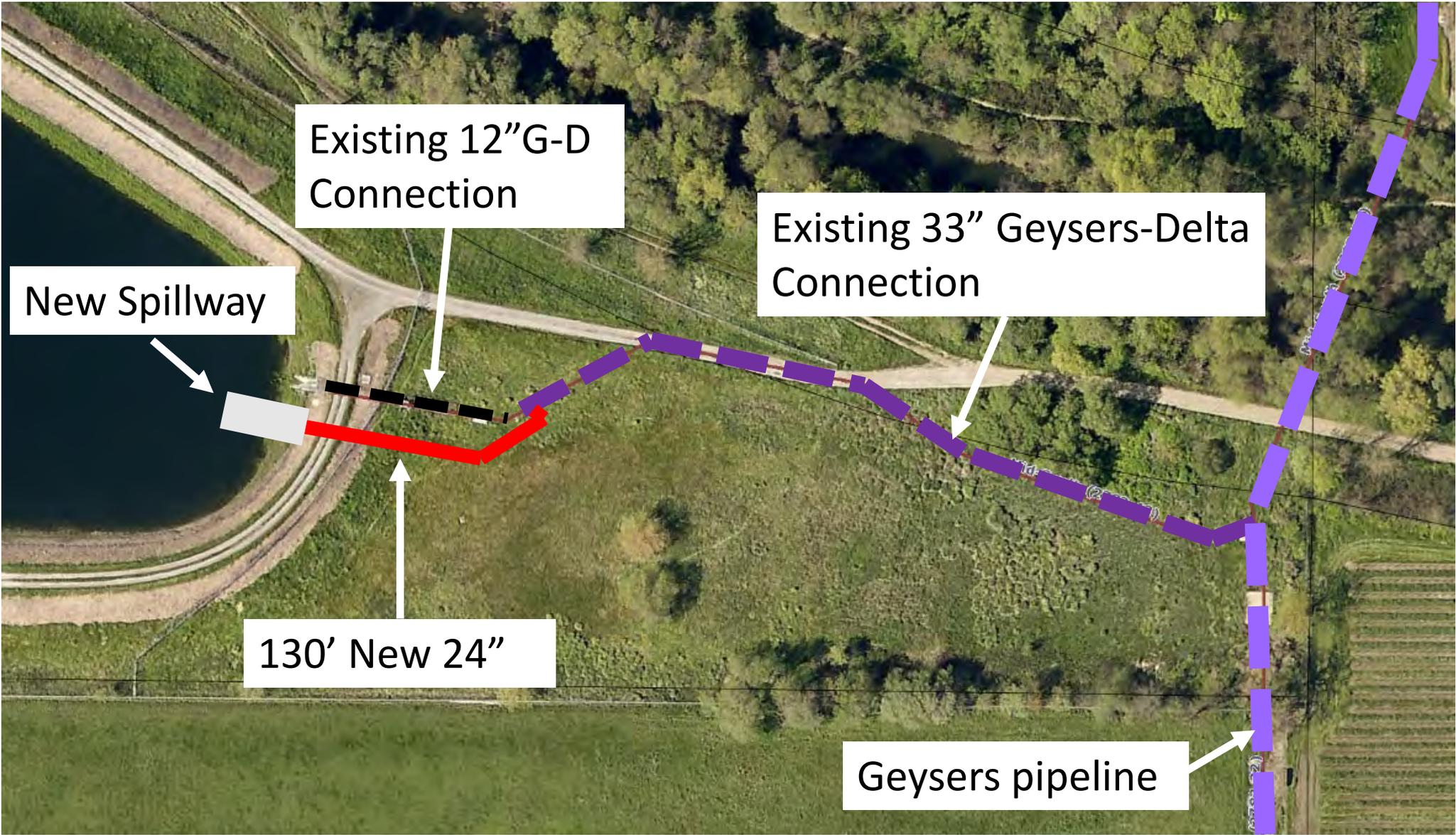
# Presentation Outline

- IS/MND Project Scope
- Geysers-Delta Pond Connection Background
- Delta Pond Diffuser Maintenance Background
- Permits
- CEQA Overview
- Recommendation

# Initial Study/MND Project Scope



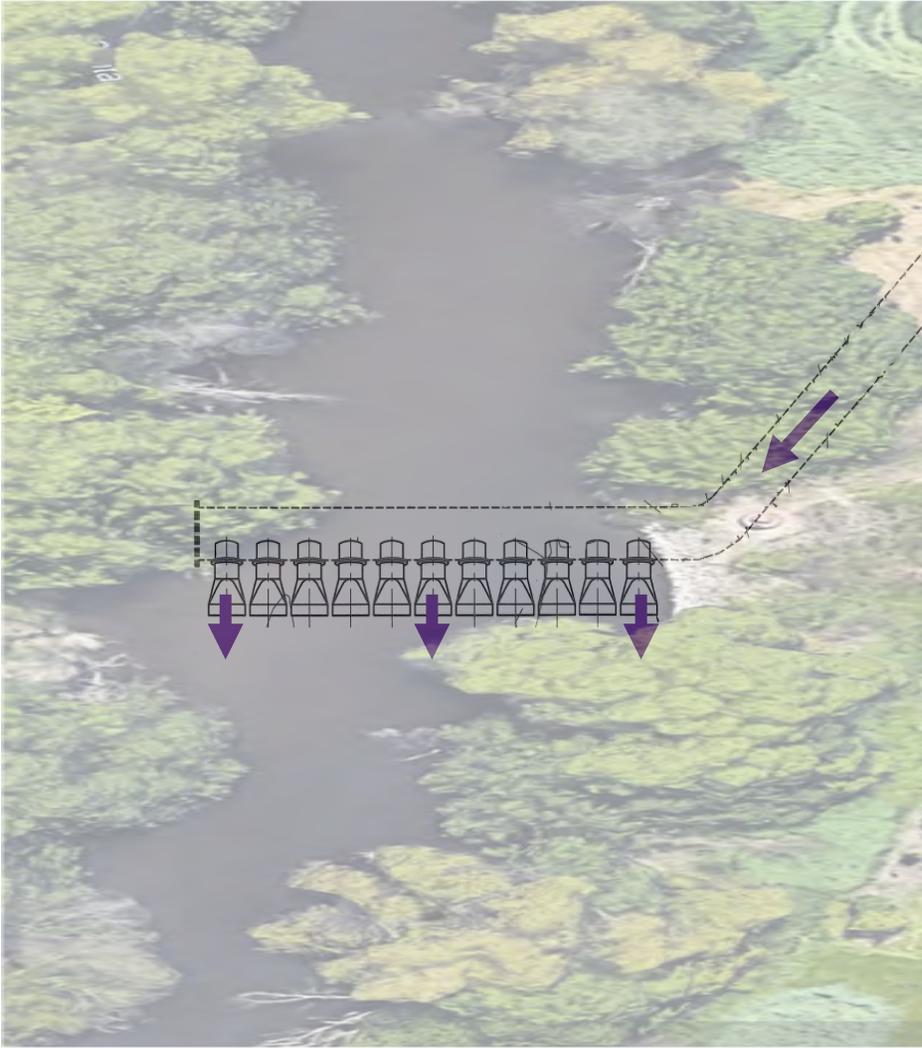
# Geysers-Delta Pond Connection



# Geysers-Delta Pond Connection



# Delta Pond Diffuser Background



# Delta Pond Diffuser Background



# Delta Pond Diffuser Background



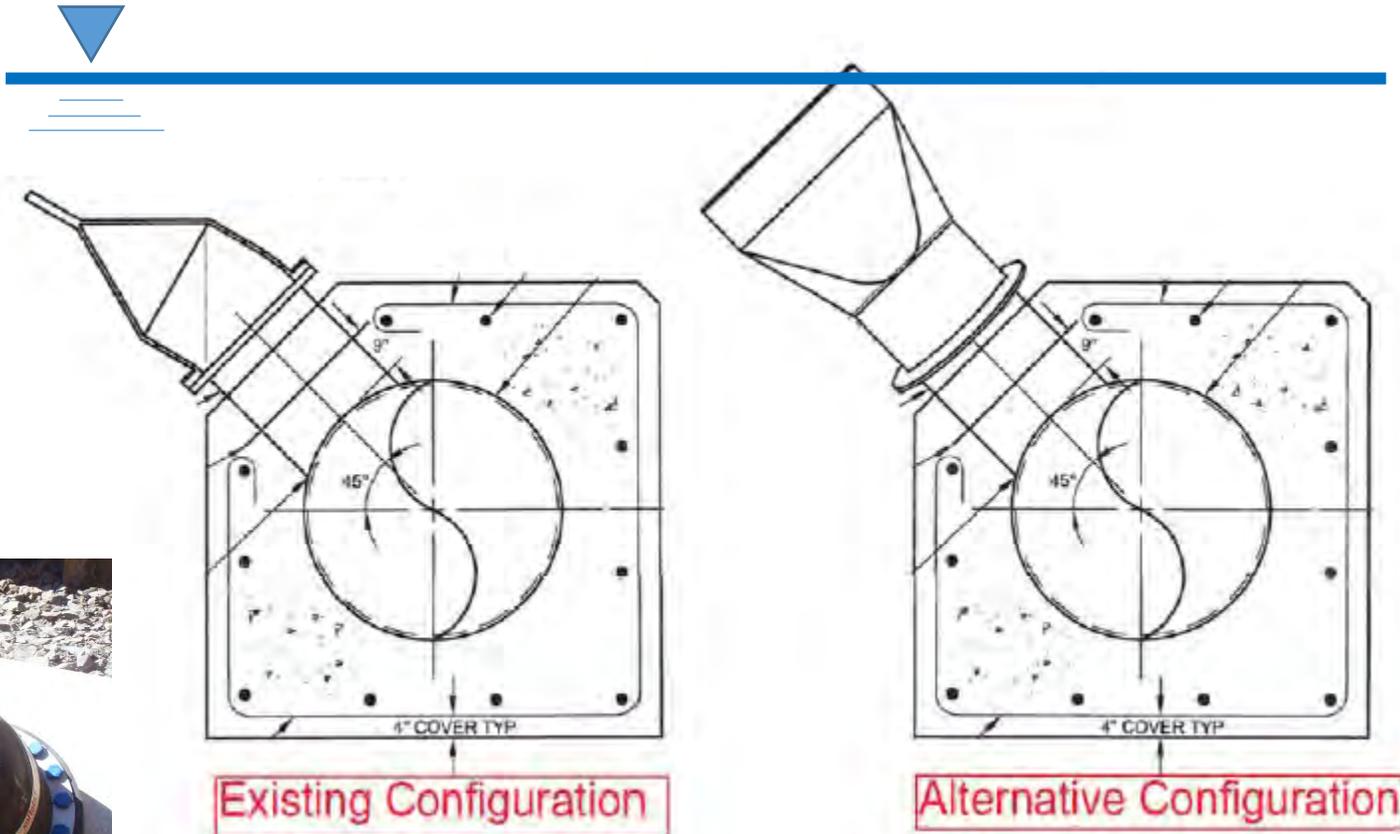
# Delta Pond Diffuser Background

## Alternatives Analysis

1. Rotate Nozzles
2. Extend Nozzles
3. Hydraulic Sparging
4. Air Sparging
5. Relocate High-Pressure Fittings

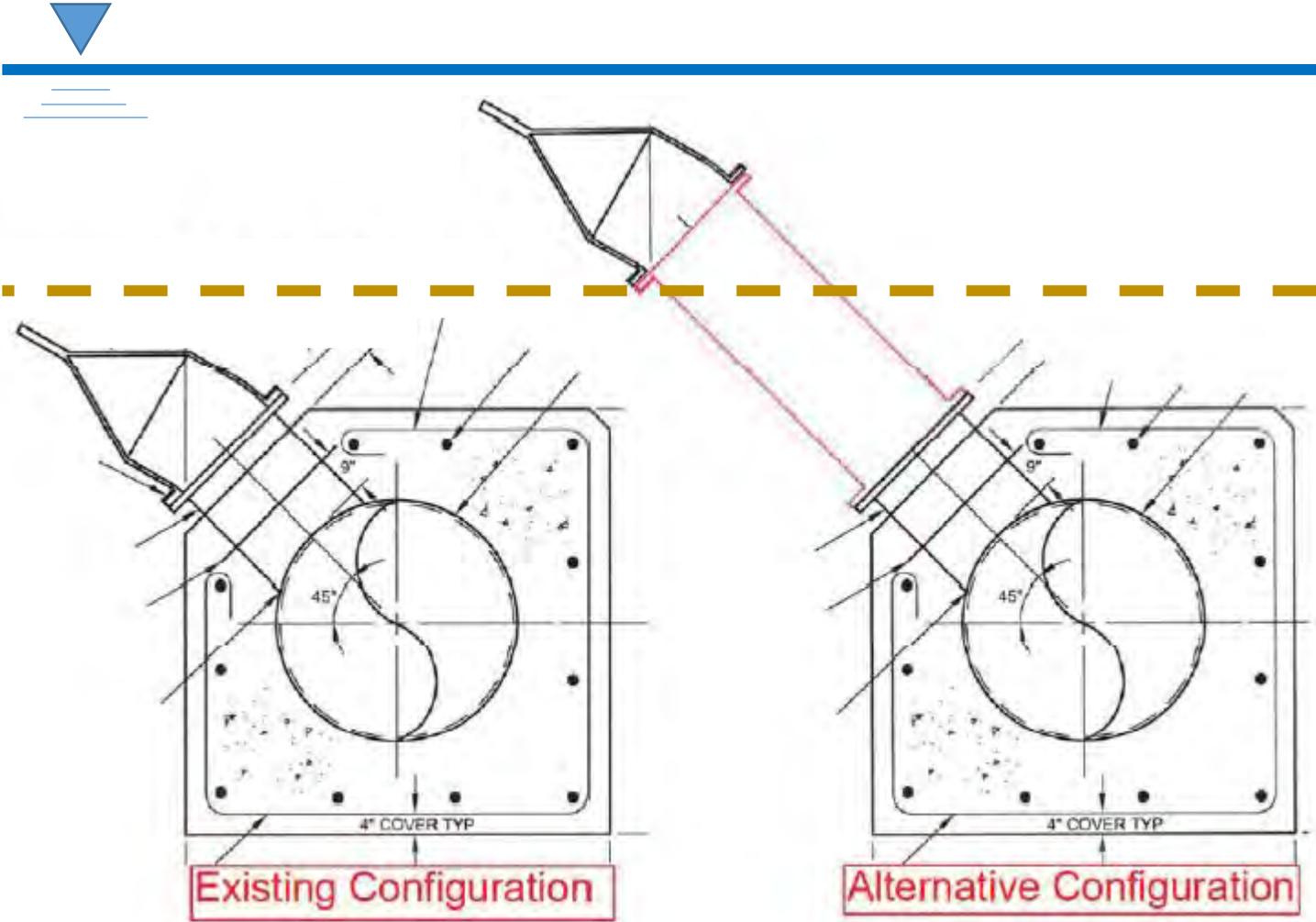
# Delta Pond Diffuser Background

## Alternative 1: Rotating Nozzles



# Delta Pond Diffuser Background

## Alternative 2: Extending Nozzles



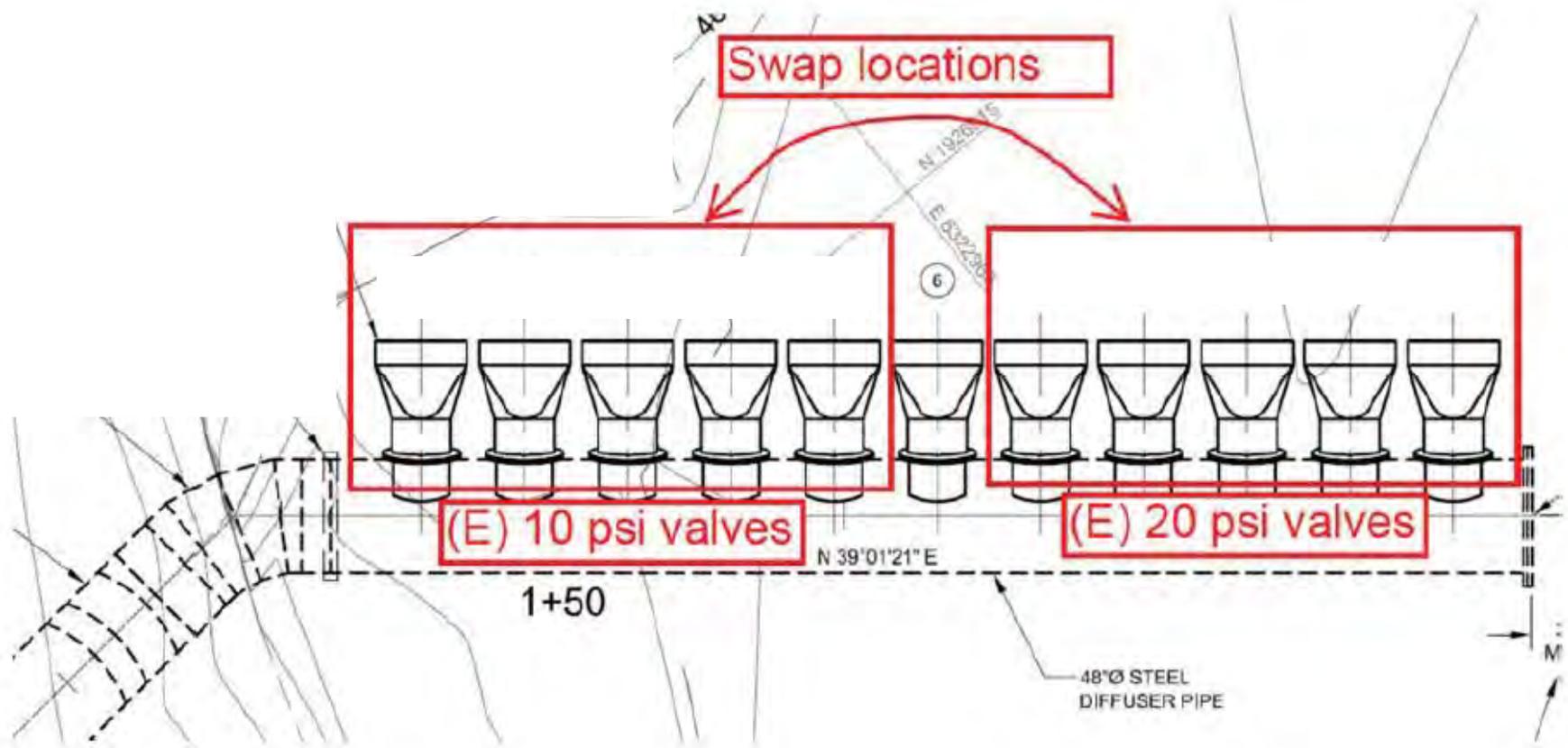
# Delta Pond Diffuser Background

Alternatives 3 & 4: Hydraulic & Air Sparging



# Delta Pond Diffuser Background

## Alternative 5: Relocation of High-Pressure Fittings



# Delta Pond Diffuser Background



# Permits & Approvals

Agency	Permit or Approval
Division of Safety of Dams	Approval of embankment work
Federal Emergency Management Agency	Permit for floodplain development
City of Santa Rosa	Grading permit
Sonoma County	Encroachment permit and roiling permit
U.S. Army Corps of Engineers	CWA Section 404 fill permit
Regional Water Quality Control Board	CWA Section 401 water quality certification
California Department of Fish & Wildlife (CDFW)	Section 1600 permit (Streambed Alteration Agreement)
California Department of Fish & Wildlife (CDFW)	Maintenance Agreement for Routine Sediment Removal

# CEQA Process

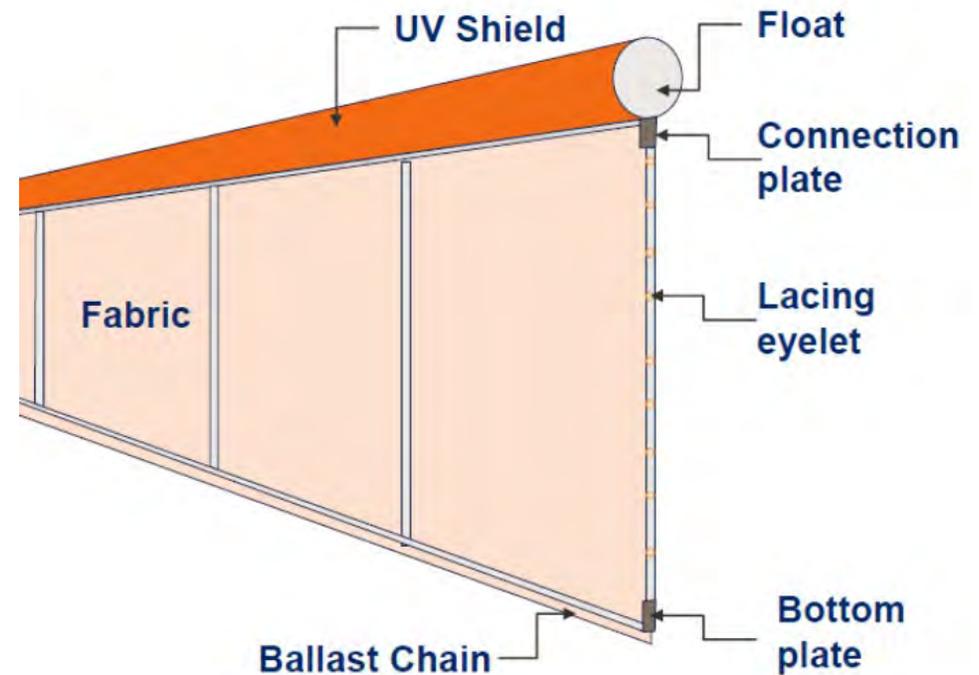
1. Preparation of Initial Study/Mitigated Negative Declaration (IS/MND)
2. Public review period including Tribal Consultation
3. Response to Comments
4. Adoption of MND
5. File Notice of Determination

# Public Review & Noticing

- Public Comment Period - 30 days from May 26 to June 24, 2021
- Noticing in The Press Democrat and at County Clerk
- Distribution to State Clearinghouse and Agencies
- Public review copies (online, at City TPW)

# Key Mitigation Measures

- **Biological Resources**

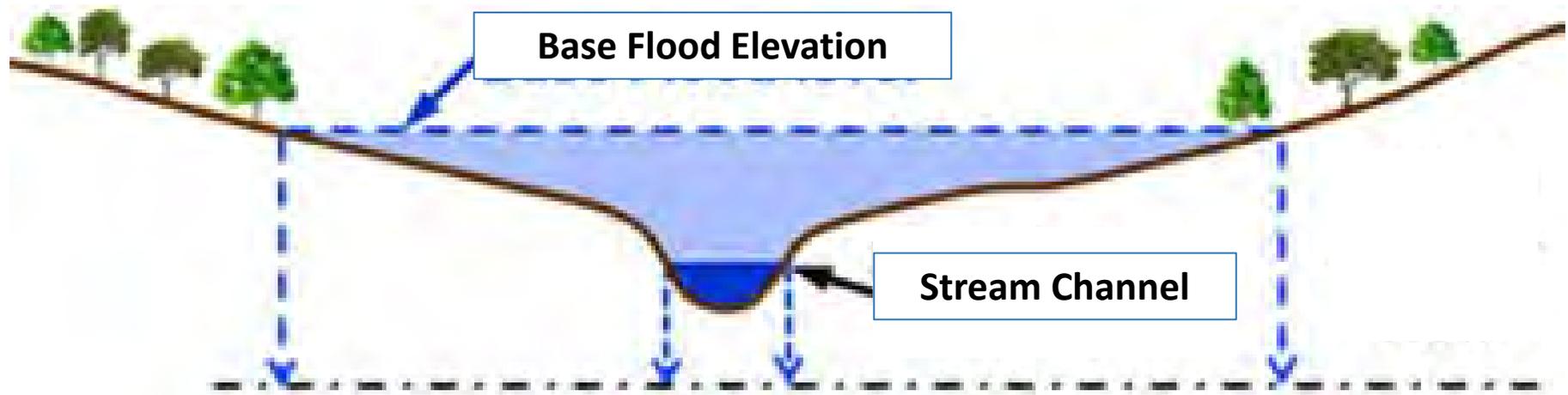


# Key Mitigation Measures

- Tribal Cultural Resources
- Hydrology & Water Quality



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**GRATON**  
RANCHERIA



# CEQA Summary

- All potentially significant impacts can be reduced to less-than-significant levels
- No new impacts identified through comments
- Response to Comments
- Final Mitigated Negative Declaration

# Recommendation

It is recommended by the Transportation and Public Works Department and the Water Department that the Board, by resolution

1. Adopt the MND
2. Adopt the MMRP
3. Approve the Geysers-Delta Pond Connection Improvements project
4. Approve the Delta Pond Diffuser Maintenance project
5. Direct staff to file Notice of Determination

# Questions?

