

Authority Board Meeting

Agenda Item 2.2: 2022-2024 Geologic,
Geophysical and Geotechnical Investigations

July 27, 2022



2022-2024 Geotechnical Investigations

- Support engineering, design and cost estimates
- Activities:
 - Geologic mapping
 - Surface mapping, noninvasive
 - Geotechnical investigations
 - Subsurface drilling, invasive
 - Surface geophysical surveys
 - Surface mapping, non or minimally invasive
- 2022 through 2024



Initial Study and Mitigated Negative Declaration

- Draft EA/IS and Mitigated Negative Declaration circulated for public review May 23 - June 21, 2022
 - 4 agency comments received
 - CDFW, DTSC, CV RWQCB, USEPA
 - Comments mostly advisory
 - Minor revisions requested to mitigation
- Final EA/IS
 - Responses to Comments
 - Minor revisions
- Mitigation Monitoring and Reporting Program
 - Monitor implementation of mitigation measures

Mitigation Measures

Resource Area	Summary of Mitigation Measures
General	Conduct pre-investigation siting survey; reprioritize or postpone proposed investigations if sensitive resources cannot be avoided
Biological Resources	Conduct mandatory biological resources awareness training; general measures to avoid and minimize effects on sensitive biological resources; measures to avoid and minimize effects on waters of the U.S./State; species specific measures for state and federally-listed plant and animal species along with migratory birds and eagles; and decontamination of equipment for aquatic invasive species
Paleontological Resources	Consult with qualified paleontologist if paleontological resources are discovered
Cultural Resources	Avoid impacts on cultural resources; conduct pre-activity pedestrian survey; prepare a post-review Discovery Plan; conduct archaeological sensitivity training; conduct archaeological monitoring; and immediately halt ground-disturbing activities if cultural resources or human remains are found and implement appropriate plans
Tribal Cultural Resources	Avoid or preserve in place; treat resources with culturally appropriate dignity; and implement permanent conservation easements for any resources found

Permitting and Schedule

- Permits
 - Amended Biological Opinion received
 - SHPO Concurrence received
 - Applications submitted to CDFW, RWQCB, Central Valley Flood Protection Board for a limited number of locations
 - Anticipate permits by end of 2022
- Work scheduled to begin September 1, 2022 and end by December 2024

Requested Action

- Request Authority Board:
 - Adopt the CEQA Initial Study/Mitigated Negative Declaration
 - Adopt the Mitigation Monitoring and Reporting Program
 - Approve the Project
 - Authorize the Executive Director to file all related notices and pay all related fees