Sites Project
Draft Environmental Impact Report/Environmental Impact Statement (Draft EIR/EIS) At a Glance

New 1.8 million acre-foot offstream surface storage reservoir in Glenn and Colusa Counties
Secures long-term water sustainability and benefits California’s economy and environment
Direct and real benefits to instream flows and the Sacramento-San Joaquin Delta (Delta) ecosystem
Culmination of decades of planning

Sites Project Draft EIR/EIS:
Prepared in accordance with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA)
Discloses significant environmental impacts and describes proposed mitigation measures
Analyzes a No-Action Alternative and five action alternatives that meet the project objectives and purpose and need

Sites Project Objectives and Purpose and Need:
• Enhance water management flexibility in the Sacramento Valley
• Increase reliability of California water supplies
• Provide storage and operational benefits to benefit Delta water quality and improve ecosystems

Key: Beneficial (7 total)

Lead Agencies:
CEQA
Sites Project Authority (Authority)
NEPA
U.S. Bureau of Reclamation (Reclamation)

Resource/Issue Areas Analyzed: 26

Air Quality
Aquatic Biological Resources
Botanical Resources
Climate Change and Greenhouse Gas Emissions
Cultural/Tribal Cultural Resources
Environmental Justice
Faults and Seismicity
Flood Control
Fluvial Geomorphology and Riparian Habitat
Geology, Minerals, Soils, and Paleontology
Groundwater Quality
Groundwater Resources
Indian Trust Assets
Land Use
Navigation, Transportation, and Traffic
Noise
Power Production and Energy
Public Health and Environmental Hazards
Public Services and Utilities
Recreation Resources
Socioeconomics
Surface Water Resources
Surface Water Quality
Terrestrial Biological Resources
Visual Resources
Wetlands and Other Waters

Total Impact Areas Analyzed Across all 5 Alternatives: 98

Environmental Review Process/Public Participation

<table>
<thead>
<tr>
<th>Supplemental Scoping Process</th>
<th>Draft EIR/EIS</th>
<th>Public Review</th>
<th>Final EIR/EIS</th>
<th>Record of Decision/Notice of Determination</th>
</tr>
</thead>
</table>

Public input on the scope and content of the environmental analysis. Scoping report summarizing scoping activities and all comments received during that process included as an appendix to the Draft EIR/EIS.

Includes updated and revised analysis from the Draft EIR/EIS and responses to all substantive comments received on the draft environmental review documents

Completion of the environmental review process and project approval

December 2017

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### Sites Project Draft EIR/EIS Alternatives

**Alternatives evaluated in the Draft EIR/EIS:**
- Feasible and reasonable
- Avoid or substantially reduce significant impacts
- Meet project objectives and purpose and need

**Result of:**
- Completion of previous analyses
- Comments received during the scoping process
- Screening the range of feasible alternatives against the project objectives and purpose and need

#### Project Features/Facilities

<table>
<thead>
<tr>
<th>Project Features/Facilities</th>
<th>Alternative A</th>
<th>Alternative B</th>
<th>Alternative C</th>
<th>Alternative C₁</th>
<th>Alternative D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sites Reservoir Complex</strong></td>
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<tr>
<td>Sites Reservoir Inundation Area</td>
<td>1.3-MAF capacity (12,400 acres)</td>
<td>1.8-MAF capacity (14,200 acres)</td>
<td>Same as B</td>
<td>Same as B</td>
<td>Same as B</td>
</tr>
<tr>
<td>Golden Gate Dam, Sites Dam, Saddle Dams</td>
<td>9 dams (Golden Gate Dam; Sites Dam; Saddle Dams 1, 3, 5, 6, 8a, 8b, 10)</td>
<td>11 dams (Golden Gate Dam; Sites Dam, Saddle Dams 1, 2, 3, 4, 5, 6, 7, 8, 9)</td>
<td>Same as B</td>
<td>Same as B</td>
<td>Same as B</td>
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<tr>
<td><strong>Borrow Areas</strong></td>
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<td></td>
<td>Approximately 920 acres in inundation area; 200 acres northeast and east of the inundation area</td>
<td>Same as A</td>
<td>Same as A</td>
<td>Same as A</td>
<td>Same as A</td>
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<tr>
<td><strong>Sites Reservoir Inlet/Outlet Structure and Associated Facilities</strong></td>
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<td>Multi-level valve tower and gate shaft; 4,000-foot-long tunnel; 220-foot-high structure; four 32-foot-diameter intake openings at seven levels; trash racks and fish screens; bridge; 15,200-cfs emergency release outlet capacity</td>
<td>Same as A but taller structure (260 feet); intake opening at nine levels</td>
<td>Same as B</td>
<td>Same as B</td>
<td>Same as B</td>
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<tr>
<td><strong>Sites Pumping/Generating Plant and Electrical Switchyard</strong></td>
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<tr>
<td>Sites Pumping/Generating Plant</td>
<td>5,900-cfs pumping capacity; 5,100-cfs generating capacity; 4-acre switchyard with overhead power line tower, at pumping/generating plant</td>
<td>3,900-cfs pumping capacity; 5,100-cfs generating capacity</td>
<td>Same as A</td>
<td>5,900-cfs pumping capacity; no generation</td>
<td>Same as A</td>
</tr>
<tr>
<td>Delevan Pumping/Generating Plant</td>
<td>2,000-cfs pumping capacity; 1,500-cfs generating capacity; approximately 6-acre substation near Funks/Holthouse Reservoir with power lines running east to Delevan</td>
<td>No pumping/generating plant (1,500-cfs gravity release flow); power line running east from Funds/Holthouse Reservoir not needed for Delevan</td>
<td>Same as A</td>
<td>2,000-cfs pumping capacity; no generation; substation and power line for Delevan same as A</td>
<td>Same as A and B</td>
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<tr>
<td><strong>South Bridge and Roads</strong></td>
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<td></td>
<td>Temporary construction roads, several access roads to new facilities, and new roads to replace those currently in the inundation area; South Bridge to provide access between Maxwell and Ladoga</td>
<td>Same as A but slight difference related to access for Saddle Dam 10 for A</td>
<td>Same as B</td>
<td>Same as B</td>
<td>Same as B but with a road to provide access to the community of Leesville; some southern roads not needed</td>
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<tr>
<td><strong>Recreation Areas</strong></td>
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<tr>
<td>Recreation Areas</td>
<td>Saddle Dam, Stone Corral, Antelope Island, Lurline Headwaters, Peninsula Hills</td>
<td>Same as A</td>
<td>Same as A</td>
<td>Same as A</td>
<td>Stone Corral, Peninsula Hills, boat ramp day use area</td>
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<tr>
<td><strong>Field Office Maintenance Yard</strong></td>
<td>Administration, maintenance buildings, asphalt batch plant (possible temporary location), and parking (also serves Holthouse Reservoir and TRR)</td>
<td>Same as A</td>
<td>Same as A</td>
<td>Same as A</td>
<td>Same as A</td>
</tr>
</tbody>
</table>

*The table is meant as a comparison illustrating the main differences between the alternatives; not all facilities or features of the project are included in this table.*

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**Sites Project Proposed Facilities**

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**Legend**

- Existing Canal
- County Line
- Delevan Pipeline
- TRR Pipeline
- Pump/Generating Plant
- Existing Paved Road
- Powerline
- Recreation Area
- Proposed Dams

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December 2017