Project Update

Control Structure:
- Excavation over 238,000 CY — 77% complete as of 29 November.
- Blasting will continue through the month of December.
- Crushing operations will move to the Mormon Island Auxiliary Dam on 12 Dec. Batch Plant delivered and erection to begin this month.

Design Activities:
- Chute and Stilling Basin 65% constructability review conference occurred the week of 5 Dec. Design is approximately one month ahead of schedule.
- Cut off wall option has been chosen as the preferred alternative. This option allows the rock plug excavation to begin sooner though overall schedule savings are still being determined.
- Acquisition Strategy meetings are underway to determine the best contracting method for the follow on phases. Decision Point: 16 Dec

Additional Acceleration Actions:
- Project Cooperation Agreement Amendment #3, allowing partner acceleration of funds if necessary, was approved by the Central Valley Flood Protection Board (CVFPB) on 2 Dec. Once ASA(CW) approval is received, the amendment will be signed by the Corps and all non-federal sponsors.

Issues/Update

Federal Air Quality Standards—Updated calculations of projected air emissions for the Approach Channel work indicate that the project will exceed the federal de minimus standard of the Clean Air Act each year.
The team is working with the California Air Resources Board to add the project to the State Implementation Plan (SIP). Current outlook of mitigation without extending the schedule is positive.

FY12 Funding—Federal capability predictions for FY12 are currently $28M and the President’s Budget is $21M. A PCA Amendment to allow the Non-federal Partners to accelerate funding to alleviate the shortfall is being finalized.
**Project Summary**

<table>
<thead>
<tr>
<th>Change Name</th>
<th>Scope</th>
<th>Est. Cost</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rev 001</td>
<td>Design revisions to bulkhead gates</td>
<td>$5.2M</td>
<td>Awarded</td>
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<td></td>
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<td>(Final)</td>
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<tr>
<td>Rev 002</td>
<td>Design revisions to rebar configuration in piers</td>
<td>$10-15M</td>
<td>Will award the week of 18 Nov</td>
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<td>Rev 003</td>
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<td>Rev 004</td>
<td>Redesign bulkhead gate hoist</td>
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<td>(Final)</td>
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<td>Rev 005</td>
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<td>(Final)</td>
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<tr>
<td>Rev 006</td>
<td>Design revisions to monolith 5 and addition of monolith 6</td>
<td>$5-7.5M</td>
<td>Contractor proposal due 21 Nov</td>
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**Funding/Obligations ($000) (7 Dec 11)**

<table>
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<th>Funding/Obligations</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
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<tr>
<td>Federal Funds</td>
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<td>$19,028 (thru CR)</td>
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<td>Cumulative Planned Obligations</td>
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<td>Cumulative Obligations</td>
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<td>$15,316</td>
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**Schedule (Updated 8 Dec 11)**

- **Phase III - Control Structure and Final**
  - NTP: 0 days
  - Bulkhead Gates Installed: 0 days
  - Tainter Gates Installed: 0 days
  - Substantial Completion: 0 days
  - Contract Complete: 0 days
  - **Total Duration**: 797.6 days

- **Final Design Deliverables**
  - Cofferdam - 35% Review: 2 days
  - Cofferdam - 95% Review: 7 days
  - Phase IV - RTA: 0 days
  - DI/S chute & spillway basin - Interim Review: 9 days
  - Approach Channel - Interim Review: 10 days
  - U/S & D/S Design - 95% Review: 32 days
  - Phase V - RTA: 0 days
  - Phase VI - RTA: 0 days
  - ROD: 0 days
  - **Total Duration**: 644.8 days

- **Phase IV - Cofferdam Contract**
  - **Total Duration**: 406.8 days

- **Phase V - U/S & D/S Completion Contract**
  - **Total Duration**: 863.2 days

- **Phase VI - Site Restoration Contract**
  - **Total Duration**: 374 days

- **Gate Wet Testing/Commissioning**
  - **Total Duration**: 70 days