ALL AMERICAN CANAL LINING PROJECT
CM Status as of April 30, 2008
AACLP STATIONS

Reach 2

Reach 3

April 30, 2008
SUPPORT ITEMS FOR AACLP AS OF April 30, 2008

KPC
- 0 Recordable accidents for the month of April 30, 2008
- 1 Recordable accident as of April 30, 2008
- 1 Lost Time accident
- Total Man-Hours worked to date 190,000 man-hrs (as of February 29, 2008)

ACJV
- 0 Recordable accidents for the month of April 30, 2008
- 4 Recordable accidents as of April 30, 2008
- 0 lost time accidents
- Total Man-Hours worked to date 82,685 man-hrs

Warning Sign at Sta. 1530+00
- Safety Lines Installed on Reach 2
- Safety Ladders.
- Water Level at Reach 1A – A1/A2 is currently at bottom rung of Safety Ladders.
- Reach 2 water level has reached Safety Ladders at eastern end. Canal still being filled at western end.
# AAQLP MAJOR EVENTS

## As of April 30, 2008

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>June 4</td>
<td>KPC Complete All Work - Mar 31, 2010</td>
</tr>
<tr>
<td>2007</td>
<td>June 8</td>
<td>Start To Fill Area Reach 1A - Feb 1, 2009 - EF Apr 1, 2009</td>
</tr>
<tr>
<td>2007</td>
<td>Oct 27</td>
<td>Start Concrete Lining Oct 5, 2008 - EF Feb 1, 2010</td>
</tr>
<tr>
<td>2007</td>
<td>Nov 1</td>
<td>Start To Fill Reach 1B - Feb 9, 2009 - EF Feb 1, 2010</td>
</tr>
<tr>
<td>2008</td>
<td>May 29</td>
<td>KPC Complete All Other Work Mar 31, 2010</td>
</tr>
</tbody>
</table>

## KPC

- **Reach 1**
  - Start Concrete Lining - Feb 5, 2008 - EF Mar 3, 2009
  - Start To Fill Area Reach 1A - Feb 1, 2009 - EF Apr 1, 2009

- **Reach 1A**
  - Start Prewet Reach 1A - Nov 1, 2007 - EF Aug 6, 2008
  - Start Concrete Lining Oct 2008 - EF Feb 1, 2010
  - Start To Fill Reach 1A - Feb 9, 2009 - EF Feb 1, 2010

- **Reach 1B**

## ACJV

- **Reach 2**
  - Start Drain & Start OLS May 27, 2008 - EF Aug 8, 2008
  - Start To Fill Reach 2 - May 27, 2008 - EF July 1, 2008
  - OLS Operation Complete Aug 31, 2008 Contract Milestone

- **Reach 3**
  - Reach 3 Clearing and Grubbing Completed
  - Start Concrete Feb 29, 2008 - EF May 15, 2008
  - ACJV Complete All Other Work Jul 24, 2008
  - Start To Fill Reach 3 - Jun 12, 2008 - EF July 25, 2008

Contract Completion Date April 10, 2009

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**Parsons**
Updated ACJV Baseline Schedule

As of April 30, 2008

2007
M J A S O N D J F M A 2008
M J A S O N D J F M A

2009
M J A S O N D 2010
M J A S O N D

Mobilization - June 29, 2007
Dewater Reach 2 - Apr 4, 2008 Early Finish (EF)
Excavate to Canal Prism Invert Reach 2 - Nov 16, 2007 - EF
Grade and Trim Canal - Dec 20, 2007 - EF
Place Concrete for Mainline Reach 2 - Jan 16, 2008 - EF
Begin Fill Reach 2 - Apr 15, 2008 EF
Divert Flow To Lined Canal Reach 2 Jul 1, 2008 EF
Install Cofferdam Tie-In Upstream Drop 2 North East Side Jun 1, 2008 EF
Reach 2 OLS Operation Complete Aug 8, 2008
Prewet Reach 3 - Jan 15, 2008 - EF
Dewater Reach 3 - May 26, 2008 - EF
Excavate to Canal Prism Invert Reach 3 - Feb 5, 2008 - EF
Grade and Trim Canal - Apr 25, 2008 - EF
Place Concrete for Mainline Reach 3 - Apr 15, 2008 - EF
Fill Reach 3 - Jun 12, 2008 - EF
Divert Flow To Lined Canal Reach 3 Jul 25, 2008 EF
Build Flume - Jan 30, 2008 - EF
Reach 2 & 3 Startup Project/Acceptance Aug 8, 2008
Reach 2 & 3 Contract Completion Date Apr 10, 2009

Earned Value Projected 90%, Actual 88%
Updated KPC Baseline Schedule
As of April 30, 2008

- Mobilization - Sep 1, 2007 Early Finish (EF)
- Submittals May 14, 2008 - EF
- Prewet Reach 1A, October 30, 2007 EF
- Excavate to O&M Reach 1A - Dec 07, 2007 - EF
- Dewater Reach 1A - Mar 16, 2009 EF
- Excavate to Canal Prism Invert 1A - Dec 31, 2008 -EF
- Grade and Trim Canal Reach 1A - Jan 13, 2009 - EF
- Place Concrete for Reach 1A - Mar 03, 2009 - EF
- Fill Reach 1A - Mar 16, 2009 - EF
- Prewet Reach 1B - Nov. 14, 2008 EF
- Excavate to O&M Reach 1B - Jun 16, 2009 - EF
- Dewater Reach 1B - Feb 08, 2010 - EF
- Excavate to Canal Prism Invert Reach 1B - Dec 23, 2009 - EF
- Grade and Trim Canal - Dec 28, 2009 - EF
- Place Concrete for Reach 1B - Feb 05, 2010 EF
- Fill Reach 1B - Feb 1, 2010 EF Includes Tie-Ins

Sep 10 07 Start of Permanent Sheet Pile Work
Earned Value Projected 59.0, Actual 59.2%
Reach 1A & 1B Contract Completion Date March 31, 2010
## Reach 2 Milestone OLS

<table>
<thead>
<tr>
<th>Reach 2</th>
<th>Chart</th>
<th>% Complete</th>
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<tbody>
<tr>
<td>1</td>
<td>Approve Tie in submittal</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Build Plug at 2170</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>Tie-In South West Drop 2 Up-Stream</td>
<td>75</td>
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<tr>
<td>4</td>
<td>Fill Reach 2 Mainline</td>
<td>50</td>
</tr>
<tr>
<td>5</td>
<td>Install Stilling Well Instruments</td>
<td>50</td>
</tr>
<tr>
<td>6</td>
<td>Divert Waste Reach 2</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>Drain Old Reach 2</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>Fish Relocation</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>Excavate Old Reach 2 1.2m cy</td>
<td>0</td>
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<tr>
<td>10</td>
<td>Build OLS In-Let Canal</td>
<td>0</td>
</tr>
<tr>
<td>11</td>
<td>Trim Old Reach 2 594,000 sq yd</td>
<td>0</td>
</tr>
<tr>
<td>12</td>
<td>Build OLS Out-Let Structure</td>
<td>0</td>
</tr>
<tr>
<td>13</td>
<td>Line Old Reach 2 594,000 sq yd</td>
<td>0</td>
</tr>
<tr>
<td>14</td>
<td>Test OLS In-Let and Out-Let structures</td>
<td>0</td>
</tr>
<tr>
<td>15</td>
<td>Fill OLS</td>
<td>0</td>
</tr>
<tr>
<td>16</td>
<td>OLS is Operational, 8/22/08</td>
<td>0</td>
</tr>
</tbody>
</table>

### Milestones:
- **March 2008**:
  - 3/24/08: 3/31/08
- **April 2008**:
  - 4/7/08: 4/14/08
  - 4/21/08: 4/28/08
- **May 2008**:
  - 5/5/08: 5/12/08
  - 5/19/08: 5/26/08
- **June 2008**:
  - 6/2/08: 6/9/08
  - 6/16/08: 6/23/08
  - 6/30/08
- **July 2008**:
  - 7/7/08: 7/14/08
  - 7/21/08: 7/28/08
- **August 2008**:
  - 8/4/08: 8/11/08
  - 8/18/08: 8/25/08
NEAR TERM LOOK AHEAD

ACJV

- Filling Water in Reach 3 from Sta. 2206 to Sta. 2456, if Sikaflex passes tests on Monday, May 12, 2008
- Completing Tie-In 2 southwest by May 16, 2008
- Installing Rebar and Concrete at Tie-In South invert. Rough grading is completed
- Directing water to new canal Reach 2 on May 19, 2008
- Fish Recovery on old Reach 2 on June 2, 2008
- Continuing concrete work at Confluence. 50% completed

KPC

- Installing temporary sheet pile in T2, southeast of I-8
- Continuing Excavation below the O & M road in Reach 1A, A1
- Concrete Lining at Reach 1A, Phase A1, A2 from May 8, 2008 to June 26, 2008
Southeast Drop 2 Tie-In at Sta. 2185

Excavation of Confluence at Sta. 2198
ACJV PHOTOS

Excavation at southeast Drop 2 Tie-In at Sta. 2185

Paving Machines at Reach 3
ACJV PHOTOS

Dirt Plug Construction at Sta. 2173+00

Dirt Plug with water seepage at base at Sta. 2459+50
Excavation of Tie-In at Drop 3

Initial Dewatering Set Up at Drop 3 Tie-In
Facing Downstream at Pre-Wet Area Prior to Excavation Below O & M Road Grade at Sta. 1268

Excavation Activities at O & M Road Elevations at Sta. 1423+50
Excavation Activities, Challengers Proceeding up Access Ramp in Reach 1A –A2 at Sta. 1416

Facing Upstream Lined Canal Prism with Prism Prior to Trimming in Background at Sta. 1425
Anchoring Barge to Pin Pile in Preparation of Crane Walk on to Barge at Tie-In 2 - Sta. 1663

Crane Walk on to Flexi-Float Barge for Sheet Pile Driving Operations at Sta. 1663
Looking Upstream from Barge at Floating Template for Sheet Pile Installation at Sta. 1615

Sheet Pile Driven to Grade which is under current water elevation at Sta. 1613
ACCLPLP
Updated Summary as of April 30, 2008

ACCOMPLISHMENTS DURING THIS REPORTING PERIOD

✓ ACCLPLP Newsletter #2 published and available at 5 Kiosks.
✓ Cultural Resource Mitigation Plan continues being followed.
✓ Concrete lining on Reach 2 began October 26, 2007 and is 97% completed, except for Drop 2 upstream tie-ins at Sta. 2190+00 & Sta. 1934+00.
✓ Excavation above O & M Road completed in Reach 1A and partially in Reach 1B. Excavation below O&M road now continues in Reach 1A-1 and 1A-2 in preparation for lining in May and June. ACCLPLP excavation total now exceeds 18 million cubic yards.
✓ KPC lining completed for Reach 1A-4 and 1A-3 as of March 24, 2008.
✓ KPC remains ahead of schedule and ACJ most slipped slightly below schedule last month.
✓ ACJV recovery schedule developed to complete OLS work by August 8, 2008.
✓ KPC and ACJV continues installing and/or operating dewatering wells in Reach 1A, 1B, 2 & 3.
✓ Start Up Committee established and underway with 8th meeting planned for April 1, 2008.
✓ MBI Media documentation work on ACCLPL continues. MBI Media library test site is in place.
• 100% of sheetpile installed at Drop 3 Tie-In.
• Tie-In @ Drop 2 Upstream 75% Complete. Joint Sealant will be applied upon completion of paving.
• Confluence Structure 50% Complete. All Re-enforcing steel in place.
• Production paving with Coffman’s Gomaco Machines 100% Complete. Equipment has been removed from Drop 3 prism.
• Reach 3 Safety Ladder Installation on hold pending change order approval.
• Reach 3 Joint Sealant is 98% Complete, pending Tie-Ins and Confluence Structure.
• Repairs to Reach 2 liner are 90% complete. Rebuilding slopes at Drop 2 upstream main line tie-in complete. Drop 2 tie-backs started.
• Reach 2 South O&M Road Grading 100% Complete. North Grading will begin upon removal of all dewatering wells.
• Dirt plug inserted upstream of Drop 2 upstream Tie-In. Canal currently filled approximately 12’ from invert.
• Dirt plug inserted upstream of Drop 3 & downstream of the Confluence Structure.
• Project is ahead of schedule and over 87% Complete.
KPC

Updated Summary as of April 30, 2008

✓ KPC has installed 305 primary, and 98 auxiliary invert, dewatering wells in Reach 1A, and 32 dewatering wells in Reach 1B. KPC has completed their single, and continues their multi, well dewatering pump tests in Reach 1B. The multi-well test is scheduled to be completed by June 30, 2008.
✓ Parsons & USBR are investigating BE/GEI concerns regarding the quality of coarse aggregate used in Reach 1A, A3 & A4 concrete lining.
✓ KPC plans to demobilize the Sidewinder Road crusher beginning June, 2008.
✓ KPC has excavated over 15,400,000 cubic yards of soil in Reach 1A & 1B.
✓ KPC completed 20,265 LF of full prism paving in A3 & A4 on March 24, 2008. R & L Brosamer’s paving equipment been relocated and is scheduled to resume paving in Reach 1A, A2, the evening of May 8, 2008. Reach 1A paving is scheduled to be completed prior to June 30, 2008.
✓ KPC; after correcting all paving punch list corrections and successfully passing dry paving inspection by Parsons, IID & USBR; has filled Reach 1A, A3 & A4 with approximately 20 feet of water necessary to maintain equilibrium with the surrounding groundwater.
✓ KPC has now installed 73 canal safety ladders.
✓ KPC has driven 865 LF of temporary sheet pile at transition T2.
✓ The Project is slightly ahead of schedule at over 59% complete.
# AACLPAACLP MONTHLY SUMMARY OF QUANTITIES
## MONTH OF APRIL 2008

### REACH 1 - KPC

<table>
<thead>
<tr>
<th></th>
<th>Planned</th>
<th>Complete To Date</th>
<th>Complete This Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earth Excavation*</td>
<td>19,815,000 CY</td>
<td>15,645,937 CY</td>
<td>1,033,897 CY</td>
</tr>
<tr>
<td>Concrete Lining</td>
<td>127,063 CY</td>
<td>43,131 CY</td>
<td>0</td>
</tr>
<tr>
<td>Concrete Transition</td>
<td>29,970 CY</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Tie-In</td>
<td>5 locations</td>
<td>865 LF</td>
<td>865 LF</td>
</tr>
</tbody>
</table>

### REACHES 2 & 3 - ACJV

<table>
<thead>
<tr>
<th></th>
<th>Planned</th>
<th>Complete To Date</th>
<th>Complete This Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earth Excavation**</td>
<td>4,700,000 CY</td>
<td>3,776,454 CY</td>
<td>0</td>
</tr>
<tr>
<td>Concrete Lining</td>
<td>92,778 CY</td>
<td>92,778 CY</td>
<td>24,354 CY</td>
</tr>
<tr>
<td>Concrete Transition</td>
<td>16,800 CY</td>
<td>4,000 CY</td>
<td>1,000 CY</td>
</tr>
<tr>
<td>Tie-In</td>
<td>4 locations</td>
<td>4200 LF</td>
<td>Complete</td>
</tr>
</tbody>
</table>

**NOTES:**
* - KPC best day paving 2,800 LF
** - ACJV best day paving 3,000 LF
ALL AMERICAN CANAL LINING PROJECT

STATUS AS OF April 30, 2008