

# RECLAMATION

*Managing Water in the West*

**MP CONSTRUCTION OFFICE**

**Willows, California**

**Construction Progress Report L-29**

**June 2014**



Tracy 13.8kV Switchgear/Breaker Replacement Tracy Pumping Plant and Substation  
Load bank equipment for testing UPS



U.S. Department of the Interior  
Bureau of Reclamation  
Mid-Pacific Region



CONSTRUCTION PROGRESS REPORT (L-29)  
 MP CONSTRUCTION OFFICE  
 MID-PACIFIC REGION  
 JUNE 2014

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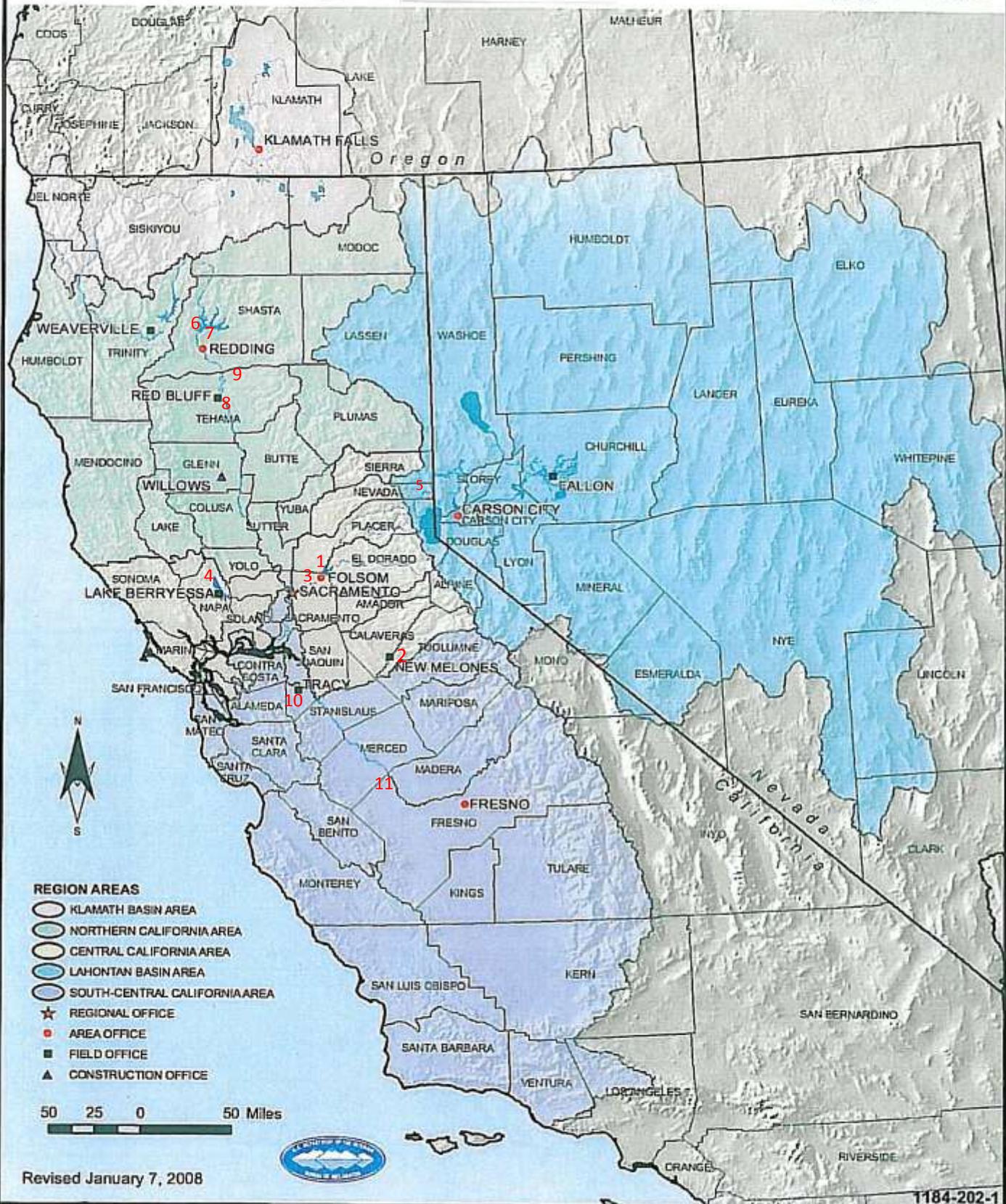


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# Mid-Pacific Region

**RECLAMATION**  
Managing Water in the West



- REGION AREAS**
- KLAMATH BASIN AREA
  - NORTHERN CALIFORNIA AREA
  - CENTRAL CALIFORNIA AREA
  - LAHONTAN BASIN AREA
  - SOUTH-CENTRAL CALIFORNIA AREA
- OFFICE TYPES**
- REGIONAL OFFICE
  - AREA OFFICE
  - FIELD OFFICE
  - CONSTRUCTION OFFICE

50 25 0 50 Miles



Revised January 7, 2008

1184-202-1



**STAFFING – MID PACIFIC CONSTRUCTION OFFICE**

The Mid Pacific Construction Office had 48 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward & Project Management Group	3
Administrative Management	7
Division of Field Engineering	21
Division of Office Engineering	8
Materials Lab Branch	7



## GLOSSARY OF ACRONYMS AND ABBREVIATIONS

### MEANING

CCAO	Central California Area Office
CVP	Central Valley Project
KBAO	Klamath Basin Area Office
LBAO	Lahontan Basin Area Office
MP	Mid Pacific Regional Office
MPCO	Mid-Pacific Construction Office
NCAO	Northern California Area Office
SCCAO	South Central California Area Office
TO	Tracy Office



CCAO



Contract No. R10PC20R15  
Specification No. 20-C0649A  
Fixed Wheel Gate Rehabilitation – Folsom Unit, American River Division, Central Valley  
Project, California  
Abide International, Inc., Sonoma, CA

Work Performed:	June	0%
	Time Elapsed	100%
	Work Completed	85.9%
Contractor Earnings:	June	\$0
	Previous	\$7,989,508.17
	Total to Date	\$7,989,508.17
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0
	2nd Quarter Expenditures:	\$48.00
	3rd Quarter Expenditures:	\$22,017.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$22,065.00
	FY14 Budgeted:	\$20,760.00
	Amount Remaining:	\$-1,305.00
	Percent Remaining:	-6.29%

Area Office Project Management  
Project Manager: Jesse Castro, CC-607

Office Engineering  
Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

A modification to definitize all previous modifications and resolve uncompleted work is being worked on.

Field Engineering  
Construction Manager: Henry Garcia, MPCO-310  
Construction Representative: Gustavo Aguilera, MPCO-337; Bill Linder, MPCO-312; Howard Diedrich, MPCO-316

Number of Contract Employees: 0

Work Performed:  
No site work was performed this period. The contractor did not complete the contract site work, and will perform no further site work.

Contract No. R10PC20019  
Specification No. 20-C0689  
Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement –  
Folsom Unit, American River Division, Central Valley Project, California  
Andritz Hydro Corp, Charlotte, NC

Work Performed:	June	0%
	Time Elapsed	89.5%
	Work Completed	76.8%
Contractor Earnings:	June	\$0
	Previous	\$15,685,567.71
	Total to Date	\$15,685,567.71
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$32,552.00
	2nd Quarter Expenditures:	\$16,165.00
	3rd Quarter Expenditures:	\$2,901.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$51,618.00
	FY14 Budgeted:	\$109,100.00
	Amount Remaining:	\$57,482.00
	Percent Remaining:	52.69%

Area Office Project Management  
Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Casey Arthur, MPCO-245

No invoices were received this period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310  
Construction Representative: Todd Dooley, MPCO-314

Number of Contract Employees: 0

Work performed:

No work was performed this period. Work is scheduled to start up again in October 2014.

Contract No. R10PC20114  
Specification No. 20-C0754  
Folsom Dam – Safety of Dams Modification – MIAD Key-Block – Folsom Unit, American  
River Division, Central Valley Project, California.  
Shimmick Construction Co., Inc., Sacramento, CA

Work Performed:	June	0%
	Time Elapsed	100%
	Work Completed	99.1%
Contractor Earnings:	June	\$0
	Previous	\$44,606,112.97
	Total to Date	\$44,006,112.97
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$17,280.00
	2nd Quarter Expenditures:	\$5,963.00
	3rd Quarter Expenditures:	\$20,085.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$43,328.00
	FY14 Budgeted:	\$46,518.00
	Amount Remaining:	\$3,190.00
	Percent Remaining:	6.86%

Area Office Project Management  
Project Manager: Larry Hobbs, CC-106

Office Engineering  
Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

Office Engineering is resolving a request for equitable adjustment for encountering harder than expected bedrock.

Field Engineering  
Construction Manager: Henry Garcia, MPCO-310  
Construction Representative: Howard Diedrich, MPCO-316; Sean Frische, MPCO-317

Number of Contract Employees: 0

Work Performed:  
No site work was performed as all site work was completed in February 2013. The substantial completion date was January 4, 2013.

Contract No. R13PC20211

Specification No. 20-C0798

New Melones Artifact Storage Building – New Melones Unit, East Side Division, Central Valley Project, California

B. C. Schmidt Construction, Inc., Williams, CA

Work Performed:	June	0%
	Time Elapsed	100%
	Work Completed	95.2%
Contractor Earnings:	June	\$0.00
	Previous	\$1,419,965.53
	Total to Date	\$1,419,965.53
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$84,276.00
	2nd Quarter Expenditures:	\$116,366.00
	3rd Quarter Expenditures:	\$77,863.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$278,505.00
	FY14 Budgeted:	\$308,120.00
	Amount Remaining:	\$29,615.00
	Percent Remaining:	9.61%

Area Office Project Management

Project Manager: Laureen Perry, MP-153

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

No invoice was received during this period.

The Substantial Completion letter was issued to the contractor on June 9, 2014. The project was substantially complete on April 29, 2014.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contract Employees: 5

Work Performed:

B.C. Schmidt Performed the following work:

- The contractor continued to complete punch list item work
- Accompanied the door subcontractor to assess the 2 steel door frames needing to be replaced and installed properly

Vacca Valley Excavating Performed the following work:

- Assisted in disassembling and flushing the backflow device

Aaron Plumbing Performed the following work:

- A licensed technician tested and certified the operation of the backflow preventer on the fire sprinkler water line



New Melones Artifact Storage Building  
Upstream valve is cracked open to flush out the Backflow diaphragm

Contract No. R13PC20092

Specification No. 20-C0807

Mormon Dam Auxiliary Dam Overlay – Safety of Dams Modification – Folsom Unit, American River Division, Central Valley Project, California

Suulutaaq, Inc. Suisun City, CA

Work Performed:	June	0%
	Time Elapsed	34.2%
	Work Completed	13.9%
Contractor Earnings:	June	\$1,719,653.48
	Previous	\$4,574,134.00
	Total to Date	\$6,365,787.48
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$234,830.00
	2nd Quarter Expenditures:	\$299,354.00
	3rd Quarter Expenditures:	\$361,072.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$895,255.00
	FY14 Budgeted:	\$1,361,635.00
	Amount Remaining:	\$466,380.00
	Percent Remaining:	34.25%

Area Office Project Management

Project Manager: Kyle Keer, CC-108

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 8 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through May 20, 2014.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317

Number of Contract Employees: 33

Work Performed:

Excavation Activities

Granite Construction performed the following work:

- Completed stripping between stations 439+00 and 460+00, where the filter blankets will be placed
- Completed stripping the floor between stations 430+00 and 439+00
- Excavated wetlands to suitable foundation and backfilled to original grade with Zone B material.

- Continued excavating the existing embankment between stations 444+00 and 462+00

Embankment Fill Activities  
Granite Construction started placing blanket drain fine filter this month with the 50/50 Newman plant:onsite and Teichert plant:onsite materials between stations 445+00 and 454+00.

Granite started placing the filter chimney section between stations 416+00 and 427+00.

The contractor delivered approximately 8644 tons of material from the Newman plant this month.

#### Toe Drain Activities

Granite Construction continued placing fine filter from the Newman plant in the toe drain between stations 427+50 and 432+00. Granite Construction completed placing fine filter material at the outfall sections in preparation of installing outfall piping.

Granite Construction finished excavating the trapezoid-shaped trench for the coarse filter zone in the placed fine filter.

The contractor started backfilling Type B toe drain material between stations 413+30 and 416+00 and continued excavating the Type A toe drain between stations 432+00 and 444+50.

There was a constant issue of the belly dump trucks being stuck and requiring a dozer to push them out.

#### Stockpile Processing Activities

Due to the high fines content resulting from handling the fine filter material, Fisher Industries continued rewashing the material at the wash plant. This double washed material was blended with Newman sand or Teichert sand at 50/50 ratio.

#### Unwatering/Dewatering Activities

The contractor unwatered the excavated toe drains with pumps plumbed to outfall pipes SM-3, SM-4.

#### Instrumentation

The contractor installed 6-inch casings on eight wells at the key-block.

#### Water Pollution Control/SWPPP

The contractor continued enlarging the SWPPP ponds in preparation for the next rainy season.



Mormon Dam Auxiliary Dam Overlay  
Belly dump truck placing fine filter in the blanket zone

Contract No. R13PC20159

Specification No. None

Lake Berryessa Concessions Area Improvements – Lake Berryessa – Solano Project, California

G.D. Nielson Construction, Inc. Napa, CA

Work Performed:	June	29.0%
	Time Elapsed	76.8%
	Work Completed	9.4%

Contractor Earnings:	June	\$0
	Previous	\$66,869.00
	Total to Date	\$66,869.00

MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0.00
	2nd Quarter Expenditures:	\$24,755.00
	3rd Quarter Expenditures:	\$145,023.00
	4th Quarter Expenditures:	\$0.00
	FY14 Cumulative Total:	\$169,778.00
	FY14 Budgeted:	\$168,600.00
	Amount Remaining:	\$0.00
	Percent Remaining:	0%

Area Office Project Management

Project Manager: Pete Funkhouser, LBAO

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

No Invoices were received in the month of June.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contract Employees: 0

Work Performed:

The contractor began onsite work on June 2, 2014. Contract completion date remains September 3, 2014.



**KBAO**



There were no active construction projects underway for the Klamath Basin Area Office in June 2014.



**LBAO**



Contract No. R12PC20137  
Specification No. 20-C0796  
Prosser Creek Dam OHV Bridge Crossing – Stampede Division, Washoe Project, California  
Algerine West Construction, Inc., Jamestown, CA

Work Performed	June	0%
	Time Elapsed	100%
	Work Completed	64.2%
Contractor Earnings	June	\$0
	Previous	\$103,335.00
	Total to Date	\$102,335.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$1529.00
	2nd Quarter Expenditures:	\$1626.00
	3rd Quarter Expenditures:	\$1341.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$4496.00
	FY14 Budgeted:	\$22565.00
	Amount Remaining:	\$18069.00
	Percent Remaining:	80.08%

Area Office Project Management  
Project Manager: Locke Hahne, LO-400

Office Engineering  
Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

The remaining office work for the contractor to perform is to provide as-built drawings, which will be done after the repairs described below are made.

Field Engineering  
Construction Manager: Henry Garcia, MPCO-310  
Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contract Employees: 0

Worked Performed:  
No site work was performed this period. The work remaining for the contractor to perform is repair of the damaged endwalls, and replacement of two damaged braces.

Contract No. R13PC20088  
Specification No. 20-C0808  
Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates – Stampede  
Division, Washoe Project, California  
Knight Construction and Supply, Inc., Deer Park, WA

Work Performed	June	0%
	Time Elapsed	33.1%
	Work Completed	1.3%
Contractor Earnings	June	\$0
	Previous	\$27,776.00
	Total to Date	\$27,776.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$39,915.00
	2nd Quarter Expenditures:	\$18,539.00
	3rd Quarter Expenditures:	\$12,585.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$71,039.00
	FY14 Budgeted:	\$299,625.00
	Amount Remaining:	\$228,586.00
	Percent Remaining:	76.29%

Area Office Project Management  
Project Manager: Locke Hahne, LO-400

Office Engineering  
Contract Administrator: Ryan Hennigan, MPCO-211

No invoices were received this period.

Field Engineering  
Construction Manager: Henry Garcia, MPCO-310  
Construction Representative: Todd Dooley, MPCO-314

Number of Contract Employees: 0

Worked Performed:  
Site work has not begun. It was scheduled to begin in November but did not, and is rescheduled to begin in July 2014.

NCAO



Contract No. R10PC20744  
Specification No. 20-C0712  
J.F. Carr Power Plant, Generator G1 and G2 Rewinds – Trinity River Division, Central Valley  
Project California  
National Electric Coil, Inc., Columbus, OH

Work Performed	June	0%
	Time Elapsed	100%
	Work Completed	96.5%
Contractor Earnings	June	\$0
	Previous	\$14,889,222.14
	Total to Date	\$14,889,222.14
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$5,842.00
	2nd Quarter Expenditures:	\$14,279.00
	3rd Quarter Expenditures:	\$2,806.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$22,927.00
	FY14 Budgeted:	\$24,760.00
	Amount Remaining:	\$1,833.00
	Percent Remaining:	7.4%

Area Office Project Management  
Project Manager: Joe Ascoli, NC-650

Office Engineering  
Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Office Engineering is working with the contractor on completing outstanding modifications.

Field Engineering  
Construction Manager: Steve Holmes, MPCO-320  
Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Worked Performed:  
The contractor completed all site work in December 2012.

Contract No. R10PC20102

Specification No. 20-C0755

Spring Creek Powerplant Generators G1 and G2 Rewinds – Trinity River Division, Central Valley Project, California

Andritz Hydro Corp., Charlotte, NC

Work Performed:	June	0%
	Time Elapsed	100%
	Work Completed	69.9%
Contractor Earnings:	June	\$0
	Previous	\$7,923,921.77
	Total to Date	\$7,923,921.77
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$5,777.00
	2nd Quarter Expenditures:	\$5,521.00
	3rd Quarter Expenditures:	\$2,726.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$14,023.00
	FY14 Budgeted:	\$395,880.00
	Amount Remaining:	\$381,857.00
	Percent Remaining:	96.46%

Area Office Project Management

Project Manager: Joe Ascoli, NC-650

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Work performed:

No site work was performed this period. The restart of site work has been determined to resume on November 2, 2014.

Contract No. R12PC20053

Specification No. 20-C0789

Shasta Powerplant Control and Computer Room HVAC Replacement – Shasta Division, Central Valley Project, California

Ray-Mac Mechanical, Inc., Mt. Shasta, CA.

Work Performed	June	5.7%
	Time Elapsed	100.0%
	Work Completed	100.0%
Contractor Earnings	June	\$16,526.20
	Previous	\$279,070.00
	Total to Date	\$308,596.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$16,526.20
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$308,596.00
	FY14 Budgeted:	\$308,596.00
	Amount Remaining:	\$0.00
	Percent Remaining:	0%

Area Office Project Management

Project Manager: Bob Gee, NC-230

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

Notice to Proceed date: April 26, 2012

Final Invoice and Release of Claims received June 30, 2014.

The contractor has completed all submittals and punch list items this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Work performed:

No site work was performed as the contractor completed all site work in October 2012. The substantially complete date was October 5, 2012.

Contract No. R13PC20172  
Specification No. 20-C0817  
JF Carr, Spring Creek, and Trinity Powerplants Pavement Rehabilitation – Trinity River  
Division, Central Valley Project, California  
California Pavement Maintenance Company, Inc., Sacramento, CA

Work Performed	June	5.7%
	Time Elapsed	70.8%
	Work Completed	0.0%
Contractor Earnings	June	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$726.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$881.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$1,607.00
	FY14 Budgeted:	\$40,140.00
	Amount Remaining:	\$38,533.00
	Percent Remaining:	96%

Area Office Project Management

Project Manager: Hank Harrington, NCAO-210

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

No invoice was received this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 0

Work performed:

The contractor performed no work this period but plans to begin august 2014.

Contract No. R13PC20169  
Specification No. 20-C0820  
Red Bluff Diversion Dam Decommissioning – Sacramento Canals Unit, Sacramento River  
Division, Central Valley Project, California  
E.C. Smith, Inc., Anderson, CA

Work Performed:	June	0%
	Time Elapsed	43.8%
	Work Completed	20.5%
Contractor Earnings:	June	\$0.00
	Previous	\$672,950.00
	Total to Date	\$672,950.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$49,452.00
	2nd Quarter Expenditures:	\$88,337.00
	3rd Quarter Expenditures:	\$14,991.60
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$287,705.00
	FY14 Budgeted:	\$329,460.00
	Amount Remaining:	\$41,755.00
	Percent Remaining:	12.67%

Area Office Project Management  
Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering  
Contract Administrator: Kevin Jacobs, MPCO-214

No invoice was received in the month of June 2014. No modifications have been processed on this contract.

Field Engineering  
Construction Manager: Randy Wyatt, MPCO-305  
Construction Representative: Jeff Kelly, MPCO-361

Number of Contract Employees: 38

Work Performed:

The contractor performed the work listed below.

Activities

- Placed fill in the raceways at the Research Pumping Plant

- The transformer and the 480v distribution panel for the motor control center was removed.
- Completely removed the Wemco pumps in Bays 3 & 4 of the Research Pumping plant.
- 10 pump columns, intake manifolds and the framework were removed from the Interim Pumping Plant.
- Five, 48” diameter HDPE pipes were filled with concrete.
- Five 24” diameter steel discharge pipes were filled with concrete.
- Workers continued to remove all of the metal items from the East Fish Ladder.
- Installation of the East Fish Ladder cut-off wall was completed.
- The bottom of the return fish ladder was re-sloped to drain.
- Installation of the West Fish Ladder cut-off wall was completed.
- W-Beam guardrail was installed at various locations on the project.

Contract No. R10PC20025  
Specification No. None  
Coleman Fish Hatchery Water Intakes Vegetation Replacement and Monitoring – Shasta  
Division, Central Valley Project, California  
Tehama Environmental Solutions, Inc., Red Bluff, CA

Work Performed:	June	0%
	Time Elapsed	67.1%
	Work Completed	92.8%
Contractor Earnings:	June	\$0
	Previous	\$656,891.52
	Total to Date	\$656,891.52
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$433.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$53.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$486.00
	FY14 Budgeted:	\$12,825.00
	Amount Remaining:	\$12,339.00
	Percent Remaining:	96.21%

Area Office Project Management  
Project Manager: Hank Harrington, NC-210

Office Engineering  
Contract Administrator: Ryan Hennigan, MPCO-211

No invoices were received this period.

Field Engineering  
Construction Manager: Randy Wyatt, MPCO-305  
Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 0

Work performed:  
The contractor's current activity consists of maintaining vegetation it planted in 2010.

Contract No. R11PC20235

Specification No. None

Red Bluff Diversion Dam, Fish Passage Improvement Project, Terrestrial Mitigation –  
Sacramento Canal Unit, Sacramento River Division, Central Valley Project, California  
Tehama Environmental Solutions, Inc., Red Bluff, CA

Work Performed:	June	0%
	Time Elapsed	39.9%
	Work Completed	92.2%

Contractor Earnings:	June	\$0.00
	Previous	\$4,435,040.08
	Total to Date	\$4,435,040.08

MPCO Noncontract Costs:	1st Quarter Expenditures:	\$49,452.00
	2nd Quarter Expenditures:	\$88,337.00
	3rd Quarter Expenditures:	\$149,916.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$287,705.00
	FY14 Budgeted:	\$329,460.00
	Amount Remaining:	\$41,755.00
	Percent Remaining:	12.67%

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

No invoice was received this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: David Derk, MPCO-334

Number of Contract Employees: 0

Work performed:

The contractor performed no work this period but plans to return soon to perform weeding.

SCCAO



Contract No. R11PC20185

Specification No. 20-C0778

Tracy 13.8kV Switchgear/Breaker Replacement – Tracy Pumping Plant and Substation – Delta

Division, Central Valley Project, California

Contra Costa Electric Corp., Martinez, CA

Work Performed:	June	0%
	Time Elapsed	72.3%
	Work Completed	20.1%
Contractor Earnings:	June	\$1,061,214.67
	Previous	\$1,635,038.11
	Total to Date	\$2,696,252.78
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$59,630.00
	2nd Quarter Expenditures:	\$107,022.00
	3rd Quarter Expenditures:	\$152,573.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$319,225.00
	FY14 Budgeted:	\$367,293.00
	Amount Remaining:	\$48,068.00
	Percent Remaining:	13.09%

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

This is a design/build contract.

The June invoice received was for work performed through April 30, 2014.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: David Derk, MP-334

Number of Contract Employees: 19

Work Performed:

The contractor performed the following work:

Contra Costa Electric, Inc. performed the following work:

- Constructed wood forms for the four concrete ductbanks between the vaults and the grade beams on all four building and placed the concrete
- Finished the ground grid around the four building slabs and building 11A reactor pad

- Installed cable tray in the control room basement
- Pulled the 125VDC conductors between the main panel and the four buildings
- Tested the conductors, installed the subpanel and associated conduits
- Cut over the new UPS system on Thursday June 26, 2014
- Removed the old UPS panels, transformer, and disconnect switches
- Started to land the 125VDC conductors.

Nor Cal Builders performed the following work:

- Constructed wood formwork, bracing, installed anchor bolts, and placed concrete for the reactor pad and 6-inch tubular steel footings for building 11A
- Backfilled around structures, and cleaned up the site.
- Demobilized on Friday June 13, 2014.

West Coast Rebar performed the following work:

- Completed all reinforcing steel installation on piers, footings and Building 11A reactor pad.

F3 performed the following work:

- Surveyed in all the anchor bolts in all the structural steel piers.



Tracy 13.8kV Switchgear / Breaker Replacement (RAX 472)

View of site from the east looking west. All concrete foundations completed for 11A building. Buildings 6A, B15 and 8A slabs, grade beams and vaults. 11A is in the foreground.

Contract No. R13PC20508  
Specification No. 20-C0788  
San Luis Demonstration Treatment Plant – San Luis Unit, West San Joaquin Division, Central Valley Project, California  
Slayden Construction Group, Inc., Stayton, OR

Work Performed:	June	0%
	Time Elapsed	100%
	Work Completed	91.23%

Contractor Earnings:	June	\$986,762.81
	Previous	\$19,641,004.45
	Total to Date	\$20,627,767.26

MPCO Noncontract Costs:	1st Quarter Expenditures:	\$196,542.00
	2nd Quarter Expenditures:	\$222,344.00
	3rd Quarter Expenditures:	\$276,276.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$695,162.00
	FY14 Budgeted:	\$1,156,235.00
	Amount Remaining:	\$461,073.00
	Percent Remaining:	39.88%

Area Office Project Management  
Project Manager: Cheryl Carter, SCC-105

Office Engineering  
Contract Administrator: Casandra Arthur, MPCO-245

Invoice No. 17 was received and forwarded to Denver finance office for processing. It was not for work done this period, but for work through April 30, 2014.

Modification 0010 was executed on May 5, 2014 for \$44,042.00.

Field Engineering  
Onsite Government Representative/Inspector: John Nelson, MPCO-328  
Project Engineer: Chris Van Deusen, MPCO-345

Number of Contract Employees: 15

Work performed:

The project started to move into Demonstration testing with several manufacturer’s representative onsite for equipment troubleshooting.

Slayden Construction performed the following work:

- Labeling process piping.
- Installing access ladders on tanks.
- Installed bollards at discharge piping.
- Coordinated with manufacturer's representatives and operators, as necessary.
- Wiping down treatment system equipment.
- Miscellaneous site cleanup/housekeeping activities.

Water Dynamics began Demonstration testing on equipment, troubleshooting with Slayden and the manufacturers as necessary.

Con J Franke Electrical continued miscellaneous electrical installation throughout the project.

McElvany Incorporated modified the discharge piping into the ditch.

Mason Painting continued coating process piping and supports and began coating the treatment building floor.

Technical Systems, Inc continued work on the Historian reports and SCADA operations.

Costco Fire Protection onsite for clean agent fire extinguishing system inspection.



San Luis Demonstration Treatment Plant  
Ozone Generator System



San Luis Demonstration Treatment Plant  
Bollards at Discharge Piping



San Luis Demonstration Treatment Plant  
SCADA overview screen in Control Room

Contract No. R13PC20105  
Specification No. 20-C0813  
Tracy Fish Collecting Facilities, Secondary Louver Replacement – Delta Division, Central Valley Project, California  
Valentine Corp., San Rafael, CA

Work Performed	June	9.9%
	Time Elapsed	72.3%
	Work Completed	68.5%
Contractor Earnings	June	\$421,605.86
	Previous	\$2,585,254.38
	Total to Date	\$2,585,254.38
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$101,358.00
	2nd Quarter Expenditures:	\$187,087.00
	3rd Quarter Expenditures:	\$136,294.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$424,739.00
	FY14 Budgeted:	\$499,315.00
	Amount Remaining:	\$74,576.00
	Percent Remaining:	14.94%

Area Office Project Management  
Project Manager: Warren Feng, TO-438

Office Engineering  
Contract Administrator: Larry Bowman, MPCO-240

Invoice 6 was received and forwarded to the Denver finance office for processing.

Field Engineering  
Construction Manager: Randy Wyatt, MPCO-305  
Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 17  
Number of Subcontractor Employees: 21

Safety:  
During this period Valentine crew conducted daily tool safety meetings. Few safety infractions were observed and they were corrected, overall the crew worked safely.

Environmental:  
VC maintained the environmental controls with not issues to report during this period.

Weather:

The weather during this period was clear and sunny with no rain. The temperature was between 54°- 104° and 0.00” of precipitation.

Activities:

Concrete Removal: Subcontractor W.C. Maloney Inc demolished the concrete at the secondary louver channel in preparation for the new structure, the crew removed the concrete decks and the deck supports. The crew used the Link Belt 330 LX machine and the Meco-48 concrete machine for the operation.

Metal Fabrication: Valentine crew installed the support beams and brackets at the screened water intake and secondary channel for the new grating. The crew drilled and installed the 5/8” anchor bolts to secure the support brackets, and the 4”x3” metal angle that support the new metal grating, the grating was secured with clips. The crew also installed the new handrails on both side of the secondary channel as showing in the construction drawings. The crew also installed the new access ladders.

Complete Electrical System: Subcontractor Con J. Franke Electric crew worked on installing all the electrical components for the new fish screens system motor and solenoids, spray and clean water pumps, water filter, and Differential water level measuring devise. The electrician installed the electrical conduits, from the existing DZA unit to the new MCC TFS unit, and the conduits from the new MCC TFS to the fish screens, spray and clean water pumps and filter. Subcontractor TESCO technician make all the programing for the Programmable Logic Control (PLC) and the Human Machine Interface (HMI) at the new MCC cabinet. TESCO conducted the training of the new system to TFCF personnel.

Vertical Pump Unit: Valentine crew delivered and installed two Floway spray water pumps and motors, and one Cascade Clean water pump and motor, and with the assistance of subcontractor G3 Engineering representative they installed and tested the pumps and motors for proper operation.

Removal of Existing Screened Water Channel Cover Plates and Supports: Subcontractor W.C. Maloney Inc demolished the existing screened water channel cover plates and supports, using the labor force to cut the metal and the Link Belt 330 LX machine to remove the material.

Removal of Existing Secondary Louvers and Louvers Guides: Subcontractor W.C. Maloney Inc demolished the existing secondary channel louvers and guides, using the labor force to remove the bolts and the Link Belt 330 LX machine to remove the material.

Guides and Supports: Valentine crew installed all the guides and supports for the new fish screen structure, the crew started the installation at the working point as indicated in drawings sheet #27 Detail-U. The crew drilled and installed the 7/8” diameter stainless steel anchors at the base of the supports, and at the top and intermediate supports facing the north wall; the anchor was embedded approximate 71/2”. At the south wall, the crew drilled and installed the 1/2” diameter stainless steel anchors. The crew grouted in between the wall and the supports beam using the SpecCement non-shrink grout for the operation.

Screened Water Channel Cover Plate and Support: Valentine crew installed the new screened water channel cover plate and supports, the crew drilled to install the 5/8" diameter x 6" long stainless steel anchor bolts and embedded the bolts approximate 5" for the support beams. After all the supports beams were in place and aligned, the installed the cover plates and screen at the end of the cover plate. The crew also installed the upstream and downstream take up plates.

Secondary Channel Traveling Fish Screen: Valentine crew and Subcontractor Intralox crew inspected the screens when they were laid on the ground, and with the assistance of subcontractor McPherson they installed the 4 fish screens at the secondary channel and 1 screen at the screened water intake using the 70 tons grove crane. All the screens were checked and tested. They encountered some problems with screens #2 and 3 after they were in place. Intralox representative will be fixing the screens next week July 1-2014.

Screened Water Intake Traveling Fish Screen: Valentine and Subcontractor Intralox crews inspected the screen and with the assistance of subcontractor McPherson 70 tons grove crane installed the screen at the screened water intake. VC crew installed the bottom seal on the upstream side bottom of the fish screen. The screen worked well after installed.

Stainless Steel Pipe: Valentine crew installed the stainless steel piping, valve and connections for the spray water system.

Conveyor for Secondary Channel Traveling Fish Screens: VC crew installed the conveyor system; the crew installed conveyor frame, belt, supports and bottom and side cover plates. The conveyor was tested and worked well, next week they will be installing the hoods after the problem with the screens is resolved.



Tracy Fish Collecting Facilities, Secondary Louver Replacement  
Subcontractor G3 conducting the operating testing for the Floway pumps for the spray system,  
pump unit 1 and 2, and Valentine engineer recording readings.



Tracy Fish Collecting Facilities, Secondary Louver Replacement  
Subcontractor Tesco technician checking the connections on the new MCC before starting the pumps.

# Regional



Contract No. R13PC20005

Specification No. 20-C0799

Baldwin Creek Fish Barrier – Battle Creek Salmon and Steelhead Restoration Project, California

Contractor Services Group, Inc.

Work Performed:	June	0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	June	\$0.00
	Previous	\$3,522,425.40
	Total to Date	\$3,522,425.40
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$180,434.00
	2nd Quarter Expenditures:	\$15,966.00
	3rd Quarter Expenditures:	\$-120.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$196,280.00
	FY14 Budgeted:	\$242,545.00
	Amount Remaining:	\$46,265.00
	Percent Remaining:	19.07%

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

Substantial Completion: March 6, 2014.

1-year warranty period began March 6, 2014 and will end March 5, 2015.

Final contract modification Purchase Request in process.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Construction Inspector: Jason Foust, MPCO-325, and Jeff Kelly, MPCO-361

Number of Contract Employees: 0

Contract No. R13PC20143  
Specification No. 20-C0803  
North Battle Creek Feeder Dam Access Road Completion - Battle Creek Salmon and Steelhead  
Restoration Project, California  
T. L. Peterson, Inc., Red Bluff, CA

Work Performed:	June	73%
	Time Elapsed	63%
	Work Completed	73%
Contractor Earnings:	June	\$266,711.00
	Previous	\$0.00
	Total to Date	\$266,711.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$0.00
	FY14 Budgeted:	\$0.00
	Amount Remaining:	\$0.00
	Percent Remaining:	%

Area Office Project Management  
Project Manager: Mary Marshall, MP-203

Office Engineering  
Contract Administrator: Kent Perkes, MPCO-225

Field Engineering  
Construction Manager: Randy Wyatt, MPCO-305  
Construction Representative: John Pospishil, MPCO-321  
Field Inspectors: Frank Medberry, MPCO-361

Number of Contract Employees: 13

Work performed:

Road Work:

The access road subgrade, including compaction testing for compliance, was completed.

The access road aggregate base placement, compaction, and compaction testing for compliance, was started and completed.

The access road asphalt concrete (122 Tons), including the prime coat, tack coat, and asphalt dikes was placed on June 9, 10 and 11. Asphalt concrete testing was performed during placement.

Rock Slope Protection:

Neil's Controlled Blasting performed anchor pull-out testing for the double twist hexagonal mesh netting and completed the remaining mesh placement adjacent to the completed precast concrete block wall. Acceptance is currently pending contractor submission of performance engineering for approval.

Precast Concrete Vehicle Barriers and Object Markers:

Barriers, base, and object markers were installed.



North Battle Creek Feeder Dam Access Road Completion  
Asphalt Paving



# Contracts in Warranty Status



R09PC20R03 20-C0677 Transformer K1A and K2A Replacements, Folsom Power Plant

There was no Office Engineering Administrative activity this period.

5-year warranty for K1A extends to January 30, 2016, and that for K2A extends to January 4, 2017.

R10PC20R11 20-C0730 Red Bluff Pumping Plant and Fish Screen, Pumps and Motors

There was no Office Engineering Administrative activity this period.

3-year warranty extends to August 2015.

R10PC20R80 20-C0759 Drought Relief-Construction of New Wells

There was no Office Engineering Administrative activity this period.

1-year warranty extends to August 7, 2014.

R12PC20062 20-C0785 Tracy Fish Collection Facility - Trash Rake Monorail Extension

There was no Office Engineering Administrative activity this period.

1-year warranty extended to April 24, 2014.

R13PC20194 20-C0800 Tracy Fish Pavement Rehabilitation

There was no Office Engineering Administrative activity this period.

1-year warranty extends to October 22, 2014.

R13PC20507 20-C0792 North Fork Pipeline Repair

There was no Office Engineering Administrative activity this period.

1-year warranty extends to November 11, 2014.