

RECLAMATION

Managing Water in the West

MP CONSTRUCTION OFFICE

Willows, California

Construction Progress Report L-29

December 2013



San Luis Demonstration Treatment Plant
View of treatment building interior from mezzanine



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

CONSTRUCTION PROGRESS REPORT (L-29)
MP CONSTRUCTION OFFICE
MID-PACIFIC REGION
November 2013

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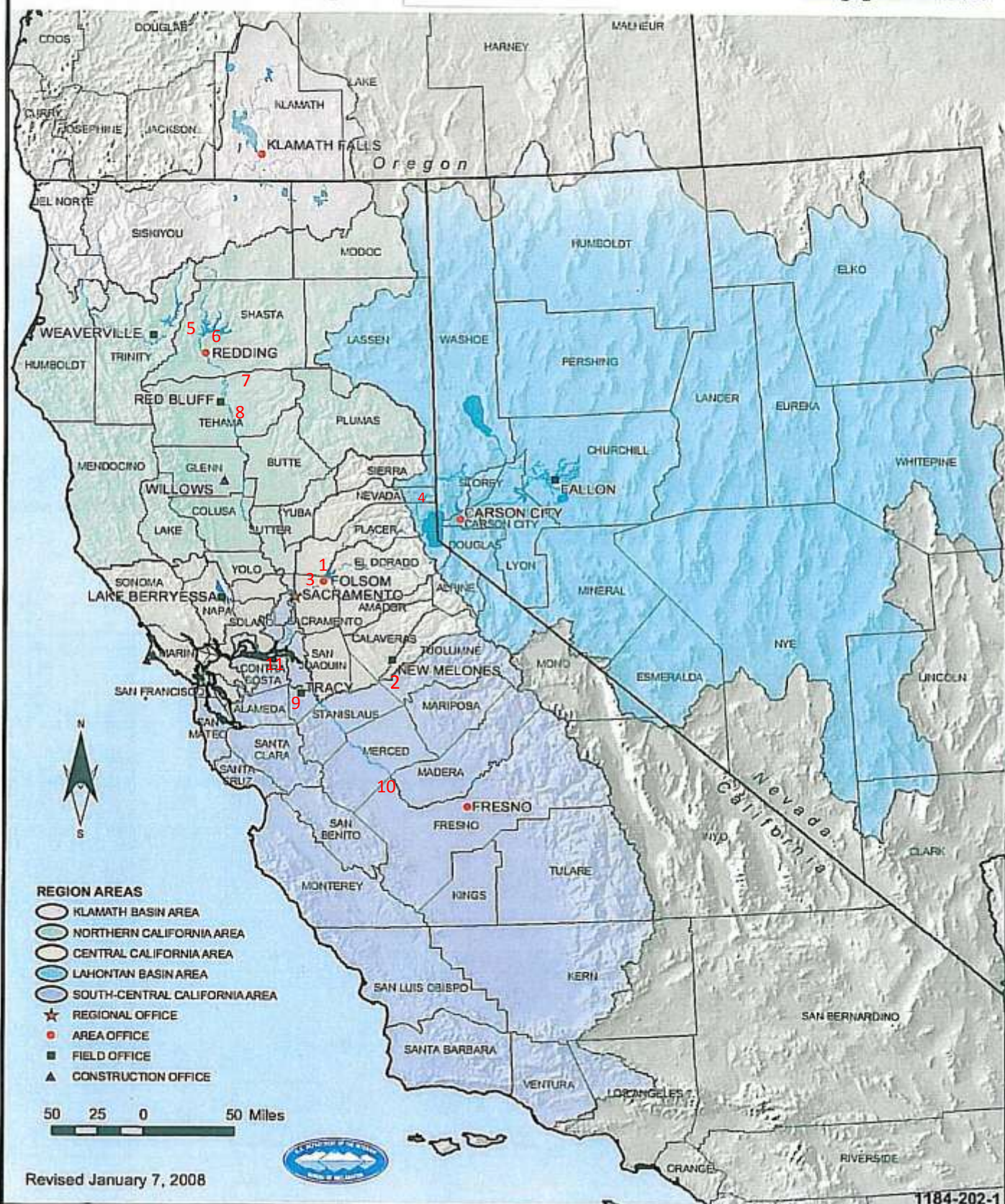
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Mid-Pacific Region

RECLAMATION
Managing Water in the West



STAFFING – MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 58 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward & Project Management Group	3
Administrative Management	9
Division of Field Engineering	26
Division of Office Engineering	11
Materials Lab Branch	7

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

MEANING

ARRA	American Recovery and Reinvestment Act
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:	December	0%
	Time Elapsed	100%
	Work Completed	80.5%
Contractor Earnings:	December	\$0
	Previous	\$7,768,062.82
	Total to Date	\$7,768,062.82
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$0
	FY14 Budgeted:	\$20,760
	Amount Remaining:	\$20,760
	Percent Remaining:	100.00%

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

Office Engineering is working on a modification to definitize all previous modifications and resolve uncompleted work.

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 because the contractor will not complete any 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:	December	0%
	Time Elapsed	82.7%
	Work Completed	76.8%
Contractor Earnings:	December	\$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:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$32,552.00
	FY14 Budgeted:	\$109,100.00
	Amount Remaining:	\$76,548.00
	Percent Remaining:	70.15%

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

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. R10PC20767

Specification No. 20-C0703

Folsom Power Plant U1, U2, and U3 Replacement Runners – Folsom Unit, American River
Division, Central Valley Project, California

Voith Siemens Hydro Power Generation, Inc., York, PA

Work Performed:	December	0%
	Time Elapsed	85.5%
	Work Completed	73.7%

Contractor Earnings:	December	\$0
	Previous	\$5,485,812.79
	Total to Date	\$5,485,812.79

MPCO noncontract costs are included in noncontract costs for Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement.

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

No invoices were received this period.

Field Engineering

Construction Manager: N/A supply contract

Construction Representative: N/A supply contract

Number of Contract Employees: N/A supply contract

Work performed: N/A supply contract

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:	December	0%
	Time Elapsed	100%
	Work Completed	95.9%
Contractor Earnings:	December	\$0
	Previous	\$43,608,883.22
	Total to Date	\$43,608,883.22
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$17,280.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$17,280.00
	FY14 Budgeted:	\$37,200.00
	Amount Remaining:	\$19,920.00
	Percent Remaining:	53.55%

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 since all site work was completed in February 2013. The substantial completion date was January 4, 2013.

Contract No. R12PC20104

Specification No. 20-C0792

Northfork Pipeline Repair Folsom Pumping Plant – Folsom Unit, American River Division,

Central Valley Project, California

Anderson-Burton Construction, Inc., Arroyo Grande, CA

Work Performed:	December	0%
	Time Elapsed	100%
	Work Completed	92.7%
Contractor Earnings:	December	\$0
	Previous	\$1,573,404.26
	Total to Date	\$1,573,404.26
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$16,543.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$16,543.00
	FY14 Budgeted:	\$50,370.00
	Amount Remaining:	\$33,827.00
	Percent Remaining:	67.16%

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: John Zimmerman, MPCO-210

No invoices were received this period.

Office Engineering is resolving contractor's claim it had to perform extra work removing the existing exterior coating on the pipeline.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314; Mike Manlick, MPCO-313

Number of Contract Employees: 0

Work Performed:

No work was performed this period. Substantial completion was on November 12, 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:	December	0%
	Time Elapsed	94.2%
	Work Completed	26.7%
Contractor Earnings:	December	\$234,002.26
	Previous	\$159,612.43
	Total to Date	\$393,614.69
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$84,276.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$84,276.00
	FY14 Budgeted:	\$173,865.00
	Amount Remaining:	\$89,589.00
	Percent Remaining:	51.50%

Area Office Project Management

Project Manager: Laureen Perry, MP-153

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

Invoice 3 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work done through November 30, 2013.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contract Employees: 13

Work Performed:

The contractor performed the work listed below.

Civil Activities

- Placed concrete for the stem wall
- Completed laying PVC conduit in the utility trench
- Excavated native soil and placed sand bedding and native soil in utility trench
- Began erection of the building's major steel components

- Removed asphalt from the holding tank location
- Performed all excavation and backfilling of the holding tank pit
- Backfilled bedding material around and under holding the tank
- Utilized a backhoe to hoist and set holding tank into the pit
- Removed all plywood forms from the site

Painting

- Started coating of the red steel

Fire Protection

- Connected water line piping outside the building
- Connected piping for riser pipe inside the building

Miscellaneous

The 4000 gallon Xerxes holding tank, all wall panels, and all the underground water piping arrived on site



New Melones Artifact Storage Building
Major steel components of the building

Contract No. R13PC20084

Specification No. 20-C0805

Nimbus Powerplant Transformer Anchorage System – Folsom Unit, American River Division,
Central Valley Project, California

Collins Electrical Company, Inc., Stockton, CA

Work Performed:	December	0%
	Time Elapsed	80.6%
	Work Completed	15.1%
Contractor Earnings:	December	\$0
	Previous	\$23,948.82
	Total to Date	\$23,948.82
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$1,649.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$00
	FY14 Cumulative Total:	\$1,649.00
	FY14 Budgeted:	\$35,885.00
	Amount Remaining:	\$34,236.00
	Percent Remaining:	95.40%

Area Office Project Management

Project Manager: Brian Zewe, CC-607A

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

Remaining work is for the contractor to provide final drawings.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Ben Richburg, MPCO-318

Number of Contract Employees: 0

Work Performed:

No work was performed this period.

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:	December	0%
	Time Elapsed	3.9%
	Work Completed	0.8%
Contractor Earnings:	December	\$850,165.00
	Previous	\$347,789.00
	Total to Date	\$1,197,954.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$234,830.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$00
	FY14 Cumulative Total:	\$234,830.00
	FY14 Budgeted:	\$1,327,635.00
	Amount Remaining:	\$1,092,805.00
	Percent Remaining:	82.31%

Area Office Project Management

Project Manager: Kyle Keer, CC-108

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 12 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through November 20, 2013.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317; Bill Linder, MPCO-312; Kyle Hughes, MPCO-324; Phil Moseby, MPCO-327; Gustavo Aguilera, MPCO-337; Zahid Wazid, MPCO-349

Number of Contract Employees: 40

Work Performed:

Mobilization

Fisher continued mobilizing sand-wash plant.

Excavation

Granite Construction finished excavating shell material from the embankment from stations 412+41 to 436+00 using two D8 dozers. The initial 1-foot cut was stockpiled and will be utilized for final cobble slope protection. The remaining material after the 2:1 slope is achieved was utilized for Zone A backfill at the knoll.

Toe Drain

Using two Caterpillar 637 Scrapers and a Caterpillar D8 Dozer, Granite Construction completed Type A toe drain excavation between stations 416+00 and 432+00. Suitable material excavated from this toe drain was used mostly as Zone A backfill at the knoll.

Granite Construction also started excavation of the outfall channel at station 427+00.

Backfill

Granite Construction finished backfilling Zone B material at the wetland using four Caterpillar 637 scrapers, a Caterpillar 14H motor-grader, water truck, Caterpillar D8 dozer, Caterpillar CP563E padded foot roller, and Caterpillar CS54B smooth drum roller. Construction, Testing, and Engineering provided quality control services.

Granite Construction continued backfilling the knoll with Zone A and Zone B material using the same equipment used at the wetland to achieve the final 3:1 slope at the knoll. Granite placed cobble slope protection on the final slope at the knoll.

Granite Construction started backfilling the Type A toe drain with fine filter material between stations 416+00 and 427+00. Side dump trucks, a Caterpillar 321 excavator, Caterpillar 163H motor grader, 4000-gallon water truck, and Caterpillar T563E smooth drum roller were utilized to haul, place, spread, and compact the fine filter. The toe drain was filled with fine filter to the hinge point. Part of the toe drain was excavated for placement of coarse filter zone material. Construction, Testing, and Engineering provided quality control services. Granite completed placement of toe drain fine filter between stations 416+45 and 424+00.

Granite Construction began excavating the coarse filter zone of the toe drain and backfilling it with coarse filter.

Stockpile processing

Fisher Industries continued processing stockpile material. The processed materials include 1-inch by 3-inch and 1-inch by 4-inch material for use on the Joint Federal Project, Phase 4, fine filter material, 1-inch aggregate base for use on the Joint Federal Project Phase 4, and filter sand for the Overlay Project, and 1-1/4-inch pre-screened material for shell Zone A or Zone B material. Major equipment utilized for processing included two chain feeders, two jaw-crushers, one horizontal shaft impact crusher, two stackers, and approximately 2700 linear feet of conveyor belts. Kiewit continued hauling out material processed for the Joint Federal Project,

Phase 4.

Stormwater Pollution Prevention Plan (SWPPP)

Suulutaaq continued installing 2013 winter Best Management Practices including spraying hydro-mulch on established slopes.



Mormon Dam Auxiliary Dam Overlay
Caterpillar 336E Excavator excavating the coarse filter zone

KBAO

There were no active construction projects underway for the Klamath Basin Area Office in December 2013.

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	December	0%
	Time Elapsed	100%
	Work Completed	90.6%
Contractor Earnings	December	\$0
Previous		\$0
	Total to Date	\$0
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$1,529.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$1,529.00
	FY14 Budgeted:	\$22,565.00
	Amount Remaining:	\$21,036.00
	Percent Remaining:	93.22%

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 only work remaining is for the contractor to repair damage it caused on the bridge and concrete wing walls.

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.

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	December	0%
	Time Elapsed	8.2%
	Work Completed	0%
Contractor Earnings	December	\$0
Previous		\$0
	Total to Date	\$0
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$39,915.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$39,915.00
	FY14 Budgeted:	\$299,625.00
	Amount Remaining:	\$259,710.00
	Percent Remaining:	86.68%

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 this period, but did not. Site work is rescheduled to begin as soon as April 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	December	0%
	Time Elapsed	100%
	Work Completed	96.5%
Contractor Earnings	December	\$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:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$5,842.00
	FY14 Budgeted:	\$16,760.00
	Amount Remaining:	\$10,918.00
	Percent Remaining:	65.14%

Area Office Project Management

Program Manager: John Dotter, NC-261

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Office Engineering is working with the contractor on completion of 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:	December	0%
	Time Elapsed	100%
	Work Completed	69.9%
Contractor Earnings:	December	\$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:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$5,777.00
	FY14 Budgeted:	\$395,880.00
	Amount Remaining:	\$390,103.00
	Percent Remaining:	98.54%

Area Office Project Management

Project Manager: Joe Ascoli, NC-650

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Contract work was suspended on September 18, 2013, due to issues not related to the contractor. Site work will be continued after these issues are resolved.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Work performed:

Site work was scheduled to begin again in November 2013, but was cancelled by the need to repair one of the facility cranes.

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:	December	0%
	Time Elapsed	100.0%
	Work Completed	94.3%
Contractor Earnings:	December	\$0
	Previous	\$309,680.00
	Total to Date	\$309,680.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$0
	FY14 Budgeted:	\$0
	Amount Remaining:	\$0
	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

No invoices were received this period.

The contractor has only to complete final submittals.

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. 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:	December	0%
	Time Elapsed	58.9%
	Work Completed	91.6%
Contractor Earnings:	December	\$0
	Previous	\$648,578.56
	Total to Date	\$648,578.56
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$433.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY14 Cumulative Total:	\$433.00
	FY14 Budgeted:	\$12,825.00
	Amount Remaining:	12,392.00
	Percent Remaining:	96.62%

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

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 Units – Sacramento River Division – Central Valley Project, California
Tehama Environmental Solutions, Inc., Red Bluff, CA

Work Performed:	December	0 %
	Time Elapsed	47.9%
	Work Completed	89.1%
Contractor Earnings:	December	\$0
	Previous	\$4,285,554.53
	Total to Date	\$4,285,553.53
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$49,452.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$49,452.00
	FY14 Budgeted:	\$329,460.00
	Amount Remaining:	\$280,008.00
	Percent Remaining:	84.99%

Noncontract costs include those charged on the Red Bluff Diversion Dam Decommissioning contract.

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

No invoices were received this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Not presently assigned

Number of Contract Employees: 0

Work performed:

No work was performed this period. The contractor will return to the site when irrigation is needed.

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:	December	0%
	Time Elapsed	87.4%
	Work Completed	9.9%
Contractor Earnings:	December	\$0
	Previous	\$1,292,342.61
	Total to Date	\$1,292,342.61
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$59,630.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$59,630.00
	FY14 Budgeted:	\$367,293.00
	Amount Remaining:	\$307,663.00
	Percent Remaining:	83.77%

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

This is a design/build contract.

No invoices were received this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 5

Work performed:

Using the specification wiring diagrams, the contractor performed verification checks by marking changes on the drawings for the switchyard 13.8kV switchgear, control room, and control board panel skins CCA-1 through CCA-6.

The cable tray support brackets were delivered to the site and lowered into the basement of the control room where they are stored until installed.

Contract No. R12PC20107

Specification No. 20-C0788

San Louis Demonstration Treatment Plant – San Luis Unit Drainage, San Luis Unit,

West Stanislaus Division, Central Valley Project, California

Slayden Construction Group, Inc., Stayton, OR

Work Performed:	December	0%
	Time Elapsed	87.4%
	Work Completed	66.7%
Contractor Earnings:	December	\$1,086,779.63
	Previous	\$12,971,123.70
	Total to Date	\$14,057,903.33
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$196,542.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$196,542.00
	FY14 Budgeted:	\$1,156,235.00
	Amount Remaining:	\$956,693.00
	Percent Remaining:	83.00%

Area Office Project Management

Project Manager: Cheryl Carter, SCC-105

Office Engineering

Contract Administrator: Casandra Arthur, MPCO-245

Invoice 12 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through November 30, 2013.

Field Engineering

Construction Manager: Dave Arter, MPCO-315

Onsite Government Representative: John Nelson, MPCO-328

Project Engineer: Chris Van Deusen, MPCO-345

Construction Control Inspector: Philip H. Vanderwal

Number of Contract Employees: 38

Work performed:

Slayden Construction Group performed the following work:

- Continued to prepare foundations, set forms and make concrete placements for ditch pump slabs, booster pump, thrust blocks, and tank pads
- Continued to place and compact embankment surrounding treatment building
- Installed and anchored treatment system tanks

- Installed plumbing in the treatment building and treatment areas for various systems
- Continued installation of treatment system and piping
- Supported subcontractor work

CMC Rebar ironworkers placed and tied rebar for concrete placements.

Con J Franke Electrical continued electrical system installation throughout the project; including grounds, conduit, conductor, and junction boxes. They pulled the conductors from the main switch gear to the Motor Control Center.

O'Dell Engineering provided Stormwater Pollution Prevention Plan inspections and monitoring. O'Dell Engineering also provided quantity surveys and control points for construction activities.

Mason Painting continued surface preparation and coating operations on treatment building interior features.

L&L Interiors continued to install various features of the treatment building interior.

Paso Robles Tank painters performed abrasive blast and surface preparation of the interior and exterior of the sump and supplemental water storage tanks, then began coating these structures.



San Louis Demonstration Treatment Plant
Coating of interior of sump water storage tank

Contract No. R13PC20194

Specification No. 20-C0800

Tracy Facility Pavement Rehabilitation – Delta Division – Central Valley Project, California

Allright Construction, Inc., Kerman, CA

Work Performed	December	0%
	Time Elapsed	76.7%
	Work Completed	90.7%
Contractor Earnings	December	\$0
	Previous	\$430,414.30
	Total to Date	\$430,414.30
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$3,203.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$3,203.00
	FY14 Budgeted:	\$18,230.00
	Amount Remaining:	\$15,117.00
	Percent Remaining:	82.52%

Area Office Project Management

Project Manager: Brian Shinmoto, TO-430

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

The contractor has only to complete as-built drawings.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: David Derk, MPCO-334

Number of Contract Employees: 0

Work performed:

No work was performed this period as all work has been completed, with substantial completion on October 23, 2013.

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	December	\$22,503.00
	Time Elapsed	93.8%
	Work Completed	47.3%
Contractor Earnings	December	\$22,503.00
	Previous	\$0
	Total to Date	\$22,503.00
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$101,358.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$101,358.00
	FY14 Budgeted:	\$499,315.00
	Amount Remaining:	\$397,957.00
	Percent Remaining:	79.97%

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice 1 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 Contract Employees: 18

Worked Performed:

Valentine's crew removed the concrete slab and asphalt on the south and north sides of the secondary channel in order to lay out the location for the new drilled shafts. The crew also conducted a pothole investigation on the north side of the channel to check the water table level and locate the footing for the secondary channel.

Subcontractor PALS assisted subcontractor Maloney with the removal of lead paint from the handrails and crab structure in preparation for demolition of the structure. Subcontractor Con J

Franke Electric verified that the crab structure was de-energized before the demolition of the structure.

Subcontractor Maloney demolished the crab structure and the handrails around the secondary channel with the assistance of subcontractor American Crane. The demolished structure was hauled out from the site.

Subcontractor Pacific Coast Drilling mobilized drilling equipment, a concrete pump, and 18,000 gallon storage tank to be used for the drilling operation. The crew drilled thirteen 42-inch diameter shafts on the north side of the secondary channel. They also installed the reinforcing and backfilled the shaft with concrete. A Reclamation material technician and a subcontractor CTE technician performed tests on the concrete.

Potential Different Site Conditions

During Pacific Coast's drilling of Pier N22, a solid object was encountered at an approximate depth of 20 feet (approximate elevation of -9.0 feet), so Pacific Coast stopped drilling. The solid object was determined to be a 12-inch diameter cast iron discharge line for the Tracy facility's Unwatering Pumps 1 and 2.

Valentine's crew discovered that the 6-foot by 6-foot by 3-foot tiger crane pad was not the indicated 8 inches thick but was 36 inches thick. The crew removed the pad and backfilled the hole with controlled low strength material.

Regional

Contract No. R10PC20R42

Specification No. 20-C0746

Hydropower Facility Modifications - Stage 1 – ARRA Project No. 14.000 - Battle Creek Salmon and Steelhead Restoration Project, California

RTA Construction/Ray Toney JV, Redding, CA

Work Performed:	December	100%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	December	\$10,662.11
	Previous	\$10,189,508.44
	Total to Date	\$10,200,170.55
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$4,564.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$4,564.00
	FY14 Budgeted:	\$39,000.00
	Amount Remaining:	\$34,436.00
	Percent Remaining:	88.30%

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

Invoice 35 (Final) was received and forwarded to the Denver finance office for processing.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Field Inspectors: Jason Foust, MPCO-325

Number of Contract Employees: 0

Work performed:

The contractor completed all site work in March, 2013 and the substantially complete date was February 14, 2013. The contractor is completing the remaining RSNs.

Contract No. R10PC20R80

Specification No. 20-C0759

Drought Relief – Construction of New Wells – ARRA Project No. 28.002 – California

Layne Christensen Company, Fontana, CA

Work Performed:	December	0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	December	\$0
	Previous	\$15,410,957.82
	Total to Date	\$15,410,957.82
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$0
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$0
	FY14 Budgeted:	\$0
	Amount Remaining:	\$0
	Percent Remaining:	0%

Area Office Project Management

Project Manager: Kevin Clancy, MP-410

Office Engineering

Contract Administrator: John Zimmerman, MPCO-232

No invoices were received this period.

The only work remaining is for the contractor to provide the final submittal for one well.

Field Engineering

Construction Manager: John E. Nelson, MPCO-328

Construction Representative: John E. Nelson, MPCO-328

Number of Contract Employees: 0

Work performed:

No site work was performed this period as all site work was completed in June 2013.

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:	December	0%
	Time Elapsed	83.5%
	Work Completed	73.6%
Contractor Earnings:	December	\$307,741.75
	Previous	\$2,424,274.60
	Total to Date	\$2,732,016.35
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$180,434.00
	2nd Quarter Expenditures:	\$0
	3rd Quarter Expenditures:	\$0
	4th Quarter Expenditures:	\$0
	FY14 Cumulative Total:	\$180,434.00
	FY14 Budgeted:	\$242,545.00
	Amount Remaining:	\$62,111.00
	Percent Remaining:	25.61%

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

Invoice 7 was received and forwarded to the Denver finance office for processing. It was not for work done this period but for work through October 31, 2013.

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: 16

Work performed:

Demobilization

All remaining equipment was demobilized from the site this period. All that remains is for the required SWPPP BMP material to be left onsite until the Notice of Termination is filed with the Water Quality Control Board.

Precast Reinforced Concrete Box Culvert

The contractor finished re-compacting the backfill material next to the box culvert for the Asbury Pipeline crossing.

Barbed Wire Fence

The contractor finished the barbed wire fence installation.

W-Beam Guardrail

Apex Fence completed W-beam guardrail installation, installing it at the turnaround area and at the Pacific Power Canal crossing.

Seeding

Environmental Landscapes finished hydro-seeding, placing it over Use Areas 9 and 11W, portions of the access road near the Pacific Power Canal crossing, the south bank of the turnaround area, the access road leading to the creek and the upper crane pad.

Gates for Barbed Wire Fences

The contractor installed the Powder River gates for the barbed wire fence line.

Maintenance Access Pipe Gates

The contractor excavated the 4-foot diameter, 4-foot deep footings for the maintenance access pipe gates, installed the gates, and made coating repairs.

Flashboard Weir

F3 Survey took the elevations of the flashboards, weir blade, and top of concrete.

Pipe Guardrail

The contractor installed the galvanized pipe guardrail atop the left and right wing walls completing guard rail installation.



Baldwin Creek Fish Barrier
Completed fish barrier structure

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.

R10PX20R54 20-C0750 Drought Relief, Well Enhancements

There was no Office Engineering Administrative activity this period.

1-year warranty extended to December 6, 2013.

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

There was no Office Engineering Administrative activity this period.

1-year warranty extends to April 24, 2014.

R10PC20859 -- Folsom Dam and Powerplant Site Security System

There was no Office Engineering Administrative activity this period.

1-year warranty extended to December 28, 2013.