

RECLAMATION

Managing Water in the West

**Mid-Pacific Construction Office
Willows, California.....**

Construction Progress Report L-29



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

February 2015

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CONSTRUCTION PROGRESS REPORT (L-29)

MP CONSTRUCTION OFFICE

MID-PACIFIC REGION

FEBRUARY 2015

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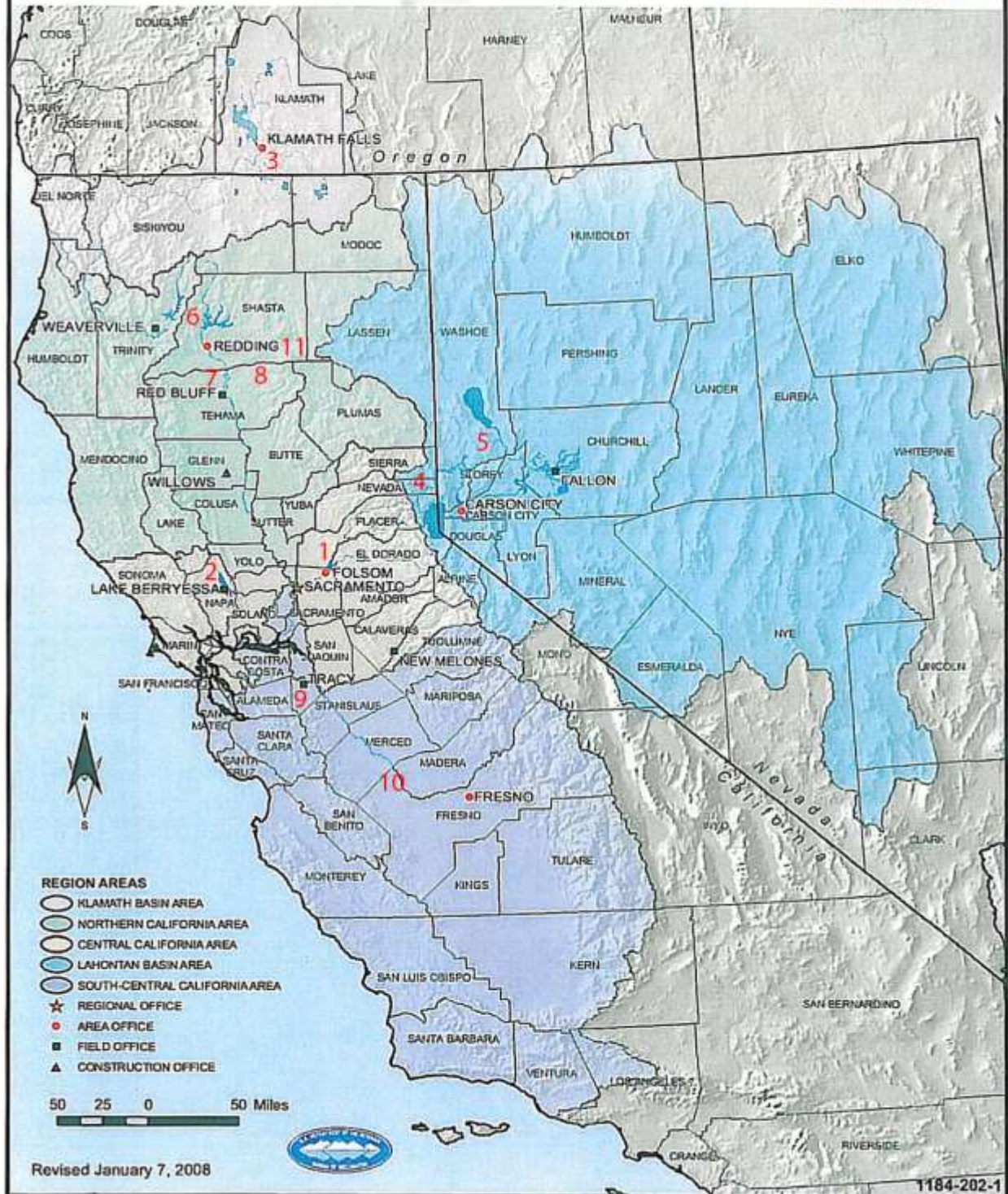
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Mid-Pacific Region

RECLAMATION
Managing Water in the West



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STAFFING – MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 46 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Pre Award and Project Management Group	3
Administrative Management	7
Division of Field Engineering	22
Division of Office Engineering	8
Materials Lab Branch	4

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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

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Central California Area Office

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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:	February	0.0%
	Time Elapsed	90.8%
	Work Completed	90.5%
Contractor Earnings:	February	\$0.00
	Previous	\$18,761,445.19
	Total to Date	\$18,761,445.19

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

No invoice was received this period.

Modification No. 034 was executed this period. This modification added funding to fully fund the contract.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Mike Manlick, MPCO-313

Number of Contract Employees: 0

Worked Performed

No work was performed this period because work is suspended awaiting the modification to change the requirement from repairing the gates to replacing the gates.

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:	February	0%
	Time Elapsed	97.4%
	Work Completed	79.5%
Contractor Earnings	February	\$0
	Previous	\$5,853,248.32
	Total to Date	\$5,853,248.32

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

Office Engineering
Contract ManagerCasey Arthur, MPCO-245

No invoices were received during 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. R14PC00136
Specification No. 20-C0795
Folsom Dam Civil Maintenance Shops, Building Demolition –
American River Division, Central Valley Project, California
Sapper West, Inc., Sacramento, CA

Work Performed:	February	47.5%
	Time Elapsed	75.0%
	Work Completed	47.5%
Contractor Earnings:	February	\$208,320.00
	Previous	\$0.00
	Total to Date	\$208,320.00

Area Office Project Management

Project Manager: David Nguyen, CC-600

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

No invoice received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 1

Number of Subcontractor Employees: 13

Work Performed

Two Rivers completed demolition of all structures, footings, and foundations, separating waste into recyclable steel, concrete, and mixed debris and hauling it to recycle centers. The existing sewer septic tank was drained, crushed gravel filled, and properly abandoned.

The old guard post concrete footing, 2,000 s.f. of adjacent asphalt, and underground utility vaults were removed.

One load of controlled waste including lead chips, PCB ballasts, and fluorescent lights were properly manifested and shipped from the site.

Granite Construction completed locating, cutting, capping, permanently marking, backfilling, and paving all utility services and underground conduits throughout the site.

A 4-inch gravity flow sewer lateral was installed from the State Parks Garage to the existing Manhole #1. The old sewer line was flushed, capped, permanently marked, and abandoned.

After removal of the foundations, Granite compacted and prepared the subgrade at each of these footprints; and then capped them with 4-inches of compacted aggregate base.

The crew installed aggregate base and 4-inches of A/C paving at the old guard post location and the new sewer lateral trench. Pavement striping was applied at the roadway centerline and State Parks' parking stalls.

A small fill was completed adjacent to the old guard post; the crew filled, compacted, and fine graded the landscape area adjacent to Building 202A. BMP wattles were placed at each of these locations.

55 lineal feet of new chain link security fencing was installed at the northwest side of the project to close-off the perimeter of this Level II zone.

Repairs were made to several CMU blocks in the perimeter wall that were damaged during demolition.

Contract No. R13PC20092
Specification No. 20-C0807
Mormon Island Auxiliary Dam Overlay – Safety of Dams
Modification – Folsom Unit, American River Division, Central Valley
Project, California
Suulutaaq, Inc., Suisun City, CA

Work Performed:	February	0%
	Time Elapsed	61.2%
	Work Completed	50.6%

Contractor Earnings:	February	\$157,922.75
	Previous	\$23,110,390.45
	Total to Date	\$23,268,313.20

Area Office Project Management

Project Manager: Kyle Keer, CC-108

Office Engineering

Contract Manger: John Zimmerman, MPCO-230

Invoice 16 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through January 20, 2015.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representatives: Sean Frische, MPCO-317; Zahid Wazid, MPCO-349; Gustavo Aguilera, MPCO-337; Arnold Moseby, MPCO-327; Bill Linder, MPCO-312; Sean Hill, MPCO-359

Number of Contractor Employees: 18

Work Performed

Excavation Activities

All excavation has been completed.

Embankment Backfill Activities

Granite Construction was on winter shutdown this month

Commercial Material

No commercial fine or coarse filter was delivered this month

Toe Drain Activities

All toe drain activities are complete, except for Type B toe drain from station 458+00 to station 460+00, which will be completed in conjunction with the filter chimney zone.

Stockpile Processing Activities:

Fisher Industries continued operation at the primary processing plant to produce 5-inch minus material for placement at Zones A and B. The primary plant was reconfigured earlier this month and now has two setups, one with the jaw-crusher and the other with the mini grizzly shaker. Fisher will set up a third plant next month to process wash-plant feed material.

Fisher repaired and set up three operating plants this month:

Plant 1: Grizzly screen produces Zone A and B materials that are stockpiled to be placed at a later date.

Plant 2: Jaw crusher produces an 8-inch minimum material that is transported to the cone crusher with a Caterpillar 988 loader.

Plant 3: Cone crusher and jaw crusher produce 1-1/4-inch material that is wash plant-feed for onsite filter materials.

Fisher Industries operated the wash-plant at the very end of the month, having only one day of full production because of the problems resulting from the plant not being used over the winter shutdown. Next month, the plan is to run the wash plant for two shifts.

Kiewit hauled material from the interim Excavation 1 at the JFP site to Fisher's grizzly screen where it was processed for Zone A and Zone B. After processing, the material was hauled to stockpile area to be placed later.

Instrumentation

No activity this month.

Water Pollution Control/SWPPP

Suulutaaq continued maintaining and repairing Best Management Practices (BMPs) as needed. Stormwater from the nine onsite ponds was pumped into two final settling ponds.

Miscellaneous

Power-Plus completed reestablishing the power supply line to the instrumentation building. A Mid Pacific Region surveyor recorded the location of the power line.



Mormon Dam Auxiliary Dam Overlay. Fisher Industries haul truck being loaded by. The Cat excavator with material for the crushing plant

Contract No. R14PC20096
Specification No. 20-C0816
Nimbus Dam Radial Gate Repairs, Phase III – American River
Division, Central Valley Project, California
Alltech Engineering Corporation, Mendota Heights, MN

Work Performed:	February	0%
	Time Elapsed	13.9%
	Work Completed	0%
Contractor Earnings:	February	\$0
	Previous	\$0
	Total to Date	\$0

Area Office Project Management

Project Manager: Jeffery Croshal, CC-607

Office Engineering

Contract Manager: John Zimmerman, MPCO-230

No invoices were received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-317

Number of Contractor Employees: 0

Work Performed

Site work has not yet begun.

Contract No. R13PC20159
Specification No. 20-C0819
Lake Berryessa Concessions Area Improvements – Lake Berryessa,
Solano Project, California
G.D. Nielson Construction, Inc., Napa, CA

Work Performed:	February	0.0%
	Time Elapsed	85.5%
	Work Completed	67.0%

Contractor Earnings:	February	\$0.00
	Previous	\$645,444.76
	Total to Date	\$645,444.76

Area Office Project Management

Project Manager: Peter Funkhouser, CC-440

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contractor Employees: 0

Work Performed

The contractor began onsite work on June 2, 2014. Contractor has completed all work except the Putah Canyon water distribution system. Contract completion date was changed from September 3, 2014 to May 15, 2015 by Modification 0007.

Contract No. R14PC00082
Specification No. 20-C0822
Lake Berryessa Putah Canyon Drinking Water Well –
Lake Berryessa, Solano Project, California
Piedmont Environmental Sciences, Inc., Morrisville, NC

Work Performed:	February	0.0%
	Time Elapsed	95%
	Work Completed	2.5%

Contractor Earnings:	February	\$0.00
	Previous	\$2,200.00
	Total to Date	\$2,200.00

Area Office Project Management

Project Manager: Peter Funkhouser, CC-440

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contractor Employees: 1

Number of Subcontractor Employees: 3

The subcontractor abandoned the boreholes on February 2, 2015, following the contractor's guidelines and direction.

Contract No. R14PC00125
Solicitation No. R14PS00697
Folsom Temporary Pump Station – American River Division, Central Valley Project, California
Contractor Services Group, Inc., West Sacramento, CA

Work Performed:	February	0.0%
	Time Elapsed	43.1%
	Work Completed	0.0%
Contractor Earnings:	February	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

This contract was awarded on September 19, 2014 in the amount of \$1,816,216.00.

No invoice was received during this reporting period.

Modification No. 1 was executed this period extending the contract completion date to June 30, 2015.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 0

Number of Subcontractor Employees: 0

Safety

No safety infractions were observed this period.

Environmental

No issues to report this period.

Work Performed

Contractor Services Group did not perform any work on site this period.

Contract No. R14PX01080
Solicitation No. R14PS00775
Folsom Hydraulic Cylinder Repair – American River Division,
Central Valley Project, California
Contractor Services Group, Inc., West Sacramento, CA

Work Performed:	February	0.0%
	Time Elapsed	80.7%
	Work Completed	0.0%
Contractor Earnings:	February	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Jesse Castro, CCO-607

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 1

Number of Subcontractor Employees: 1

Safety

The contractor did not perform any activity at the jobsite during the month of February.

Work Performed

The contractor did not perform any activities at the jobsite. All the activities were conducted at UNICO machine shop in Benicia, California. and at Langill's machine shop in Sacramento, California.

The Unit 1 FWG hydraulic cylinder was still being worked on during the month of February at the UNICO machine shop. In a field visit to the UNICO machine shop the inspector noticed that the lower section of the cylinder was set on the lathe equipment, and was being machined to take care of any scratches or grooves inside the section. Steve Jones, the UNICO Mechanical Corporation Manager of Quality Assurance informed Mr. Santana and the Inspector of the steps taken in the machining of the cylinder section. The upper cylinder head was still disassembled, while parts like the seals, O rings, gaskets, and the packings for the hydraulic cylinder were already in the shop and lying on a table ready for installation. NICO personnel stated that they were still waiting on the

studs being produced by Langill's Machine shop in Sacramento before the hydraulic cylinder could be reassembled. Aaron, a Hydraulic Technician from UNICO, was getting ready to crawl inside the upper cylinder section to wipe it clean in preparation for the assembly and the installation of the piston with the stem. The piston and the stem are coming from a machine shop in Los Angeles, where the nickel chromium coating is being applied. By next Monday the stem and the piston should be at the UNICO facilities, as was expressed by Rick Lemos, UNICO machine shop's manager.

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Klamath Basin Area Office

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Contract No. R14PC00138
Pivot Gate System, Klamath Basin Area Office, Oregon
Nomlaki Technologies, LLC, Marysville, CA

Work Performed:	February	0%
	Time Elapsed	100%
	Work Completed	94%
Contractor Earnings:	February	\$0.00
	Previous	\$233,700.17
	Total to Date	\$233,700.17

Area Office Project Management

Project Manager: William Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals.
No invoice was received during this reporting period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 0

No on-site work was performed in February 2015.

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Lahontan Basin Area Office

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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:	February	0%
	Time Elapsed	66.4%
	Work Completed	8.8%
Contractor Earnings:	February	\$0.00
	Previous	\$183,988.00
	Total to Date	\$183,988.00

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

Office Engineering
Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

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

Number of Contractor Employees: 0

Worked Performed:
Contractor plans to begin installing the bulkhead and dewatering the tunnel in March 2015.

Contract No. R14PC00083
Specification No. 20-C0823
Marble Bluff Dam, Asphalt Pavement Rehabilitation –
Washoe Project, California
Site Work Solutions, Inc., Redding CA

Work Performed:	February	0%
	Time Elapsed	
	Work Completed	
Contractor Earnings:	February	\$0.00
	Previous	\$1,381.00
	Total to Date	\$1,381.00

Area Office Project Management

Project Manager: Scott Schoenfeld, LO-410

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Michael Manlick, MPCO-313

Number of Contract Employees: 0

Work Performed

No site work was performed this period. The work will resume when critical submittals are approved, and favorable weather conditions occur.

Contract No. F13PC00307
Specification No. None
Derby Diversion Dam Slide Gates Rehabilitation – Nevada
Walker River Construction, Inc., Schurz, NV

Work Performed:	February	0%
	Time Elapsed	57.1%
	Work Completed	0%
Contractor Earnings:	February	\$0
	Previous	\$0
	Total to Date	\$0

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

Office Engineering
Contract Manager: John Zimmerman, MPCO-230

No invoice was received during this reporting period.

A modification is being prepared to replace rather than repair the two sets of slide gate leaves.

Field Engineering
Construction Manager: Reynaldo Garcia, MPCO-310
Construction Representative: Mike Manlick, MPCO-313

Number of Contract Employees: 0

Worked Performed
No work was performed this period because work is suspended awaiting the modification to change the requirement from repairing the gates to replacing the gates.

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Northern California Area Office

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Contract No. R10PC20102
Specification No. 20-C0755
Spring Creek Powerplant Generators G1 and G2 Rewind –
Trinity River Division, Central Valley Project, California
Andritz Hydro Corp, Charlotte, NC

Work Performed:	February	0%
	Time Elapsed	94.3%
	Work Completed	66.1%

Contractor Earnings:	February	\$0
	Previous	\$7,923,921.77
	Total to Date	\$7,923,921.77

Area Office Project Management

Project Manager: Joe Ascoli, NC-650

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Stephen Holmes, MPCO-320

Number of Contractor Employees: 13

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

Work Performed:	February	0.0%
	Time Elapsed	100.0%
	Work Completed	39.4%
Contractor Earnings:	February	\$0.00
	Previous	\$105,844.05
	Total to Date	\$105,844.05

Area Office Project Management

Project Manager: Hank Harrington, NCAO-210

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Stephen Holmes, MPCO-320

Construction Representative: Daniel Pavone, MPCO-333

Number of Contractor Employees: 0

Work Performed

No work was performed this period. The contractor is preparing a proposal for RFP 1: Contract Suspension and Extension.

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:	February	0.00%
	Time Elapsed	78.1%
	Work Completed	80.2%

Contractor Earnings:	February	\$0.00
	Previous	\$691,075.01
	Total to Date	\$691,075.01

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Daniel Pavone, MPCO-333

Number of Contractor 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 Canals Unit, Sacramento River
Division, Central Valley Project, California
Tehama Environmental Solutions, Inc., Red Bluff, CA**

Work Performed:	February	0%
	Time Elapsed	50.7%
	Work Completed	94.5%

Contractor Earnings:	February	\$0
	Previous	\$4,492,850.60
	Total to Date	\$4,492,850.60

Area Office Project Management

Project Manager: William Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: David Derk, MPCO-334

Number of Contractor Employees: 0

Work Performed

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

Contract No. R14PC00066
Specification No. None
Red Bluff Well Enhancement – Sacramento Canals Unit,
Sacramento River Division, Central Valley Project, California
Alsco, Inc., Red Bluff, CA

Work Performed:	February	0%
	Time Elapsed	100.0%
	Work Completed	100.0%

Contractor Earnings:	February	\$0.00
	Previous	\$40,272.00
	Total to Date	\$40,272.00

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

Substantial completion was issued on December 9, 2014. The payment for the Final Invoice was issued on January 21, 2015. This is the first and final invoice on this contract. The one year warranty period started on December 9, 2014, and will expire on December 8, 2015.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jeffrey Kelly, MPCO-361

Number of Contractor Employees: 0

Work Performed

Field work was completed in December 2014.

South-Central California Area Office

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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:	February	4.4%
	Time Elapsed	87.8%
	Work Completed	49.7%
Contractor Earnings:	February	\$593,584.45
	Previous	\$6,059,655.17
	Total to Date	\$6,653,239.62

Area Office Project Management

Project Manager: William Dutton, TO-435

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

This is a design/build contract.

Invoice No. 13, in the amount of \$593,584.45, was received during this period for work performed in January.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: David Derk, MP-334

Number of Contractor Employees: 24

Work Performed

Contra Costa Electric, Inc.

Powered up the new 208/120 V unit substation. Completed wiring for building 11A gear in the pumping plant and control room. Spliced 1250 power cables Installed jumpers between building 11A and reactorsRemoved all un-used cables from the old switchgear pump units #2 and #6. Started installing control cables for the remaining three buildings and the non-seg bus duct from building 11A to the other buildings.

Power Pros:

Started building 11A pre function testing. Began point to point and wire to wire checks. Megger tested wires and circuits. Performed hipot tests for the bus and power cables.

Powell

Powell representatives removed and replaced damaged conductors in building 11A, and added missing conductors.



Tracy 13.8kV Switchgear/Breaker Replacement at Tracy Pumping Plant and Substation Installation of the nonsegregated bus duct over top of building 11A

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:	February	0%
	Time Elapsed	100.0%
	Work Completed	93.57%

Contractor Earnings:	February	\$0.00
	Previous	\$21,974,585.15
	Total to Date	\$21,974,585.15

Area Office Project Management

Project Manager: Cheryl Carter, SCC-105

Office Engineering

Contract Manager: Casandra Arthur, MPCO-245

No invoice was received during this reporting period.

No modifications were executed during this reporting period.

Field Engineering

Project Engineer: N/A

Number of Contractor Employees: 3

Work Performed

Slayden Construction, along with subcontractor Water Dynamics, continued cleaning tanks and maintained process systems. The second stage bioreactors were being flushed with service water once a week to maintain the carbon media. Slayden Construction continues to work on outstanding submittals, punch list items, and spare parts.

GE, the manufacturer of the ABMet System, continued running bench tests at their lab simulating the system and determining whether additional design measures will be necessary. Results of these tests were shared at the coordination meeting in late February.

BOR-TSC continued their column tests using reverse osmosis (RO) concentrate from the UCLA pilot system set up across from the Demonstration Plant. After the scaling event seen in January, the test was redesigned to conduct two separate tests. The first three (3) columns continued to run under original conditions. The last three columns have been set up with the new, pH- adjusted coconut GAC. All columns were plumbed to include a degassing system. Water samples were taken at the influent of the two first columns in each test, and at the effluent of each column. The samples were picked up by SCCAO and sent to a lab to be tested for calcium and sulfate.

Both column tests ran until the middle of February with no visible signs of scaling. After the middle of February, both tests were halted and final water samples were gathered for analysis. Results of all tests, both Reclamation's and GE's, were discussed at a coordination meeting held February 26, 2015 at the Regional Office in Sacramento. Also discussed were possible corrective measures to assist with plant operations including the addition of a water softening unit or reconfiguration of the complete treatment process train.



San Luis Demonstration Treatment Plant Granular activated carbon sampling from the column in the Treatment Plant lab.

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:	February	0.0%
	Time Elapsed	100.0%
	Work Completed	92.9%

Contractor Earnings:	February	\$321,690.80
	Previous	\$4,147,929.35
	Total to Date	\$4,469,620.15

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

No invoice was received during this reporting period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Daniel Pavone, MPCO-333

Number of Contractor Employees: 0

Number of Subcontractor Employees: 0

Work Performed

Valentine Corporation did not perform any work on site this period. Subcontractor Intralox is currently investigating take away conveyor belt warranty items.

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Regional

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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:	February	0.0%
	Time Elapsed	100%
	Work Completed	99%

Contractor Earnings:	February	\$0.00
	Previous	\$309,685.50
	Total to Date	\$309,685.50

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed final submittals.
No invoice was received during this reporting period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative and Field Inspector: John Pospishil, MPCO-321

Number of Contract Employees: 0

No on-site work performed in February 2015.

Contract No. R14PC00131

North Fork Screens and Ladders Gate Modulations - Battle Creek Salmon and Steelhead Restoration Project, California

Tesco Controls, Inc., Sacramento, CA

Work Performed:	February	26%
	Time Elapsed	95%
	Work Completed	59%

Contractor Earnings:	February	\$140,799.64
	Previous	\$89,476.58
	Total to Date	\$230,276.22

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed five submittals and pay estimate #1. How many and for when?

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jason Foust, MPCO-325

Number of Contract Employees: 9

Work Performed

North Battle Creek Feeder Diversion Dam (NBCF) -

Electrical: Subcontractor Bullert Industries finished tying in rigid metal conduit from panel CB to Panel CA, from panel CB to CB2, conduit from Panel CA to the Gate Control Box and from the Gate Control Box to the actuator. Bullert ran cable from Panel CA to the gate actuator, from Panel CB to Panel CA and finished mounting Panel CB and new Panel CB2, and installed bubbler tubing for SS2 and terminal cap assembly. Tesco Controls installed a 24-Volt DC power supply in Panel CA, wired for analog in Panel CA and programmed the PLC.

Eagle Canyon Diversion Dam (EC) -

Tesco Controls programed the PLC to follow the control logic that is compatible with the existing PLC's.

Bullert installed rigid metal conduit from previously installed conduit between Panel CA and the two flood gate actuators to the Canal Gate actuator.

No on-site work performed in February 2015.



North Fork Screens and Ladders Gate Modulations. North Battle Creek Feeder Dam Contractor Bullert installing conduit to Panel CB.



North Fork Screens and Ladders Gate Modulations. North Battle Creek Feeder Dam Contractor Bullert installing conduit to Panel CB.



North Fork Screens and Ladders Gate Modulations. North Battle Creek Feeder Dam 24-volt DC power supply installed in Panel California.

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Contracts in Warranty Status

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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.

R13PC20005 20 C0799 Baldwin Creek Fish Barrier

There was no Office Engineering Administrative activity this period.

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

R13PC20169 20-C0820 E.C. Smith, Inc

There was no Office Engineering Administrative activity this period.

1-year warranty period began January 13, 2015 and will end January 12, 2016.