

RECLAMATION

Managing Water in the West

MP CONSTRUCTION OFFICE

Willows, California

Construction Progress Report L-29

January 2015



Spring Creek Powerplant Generators G1 and G2 Rewind
Unit 2 rotor pole removal being performed by contractor



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

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

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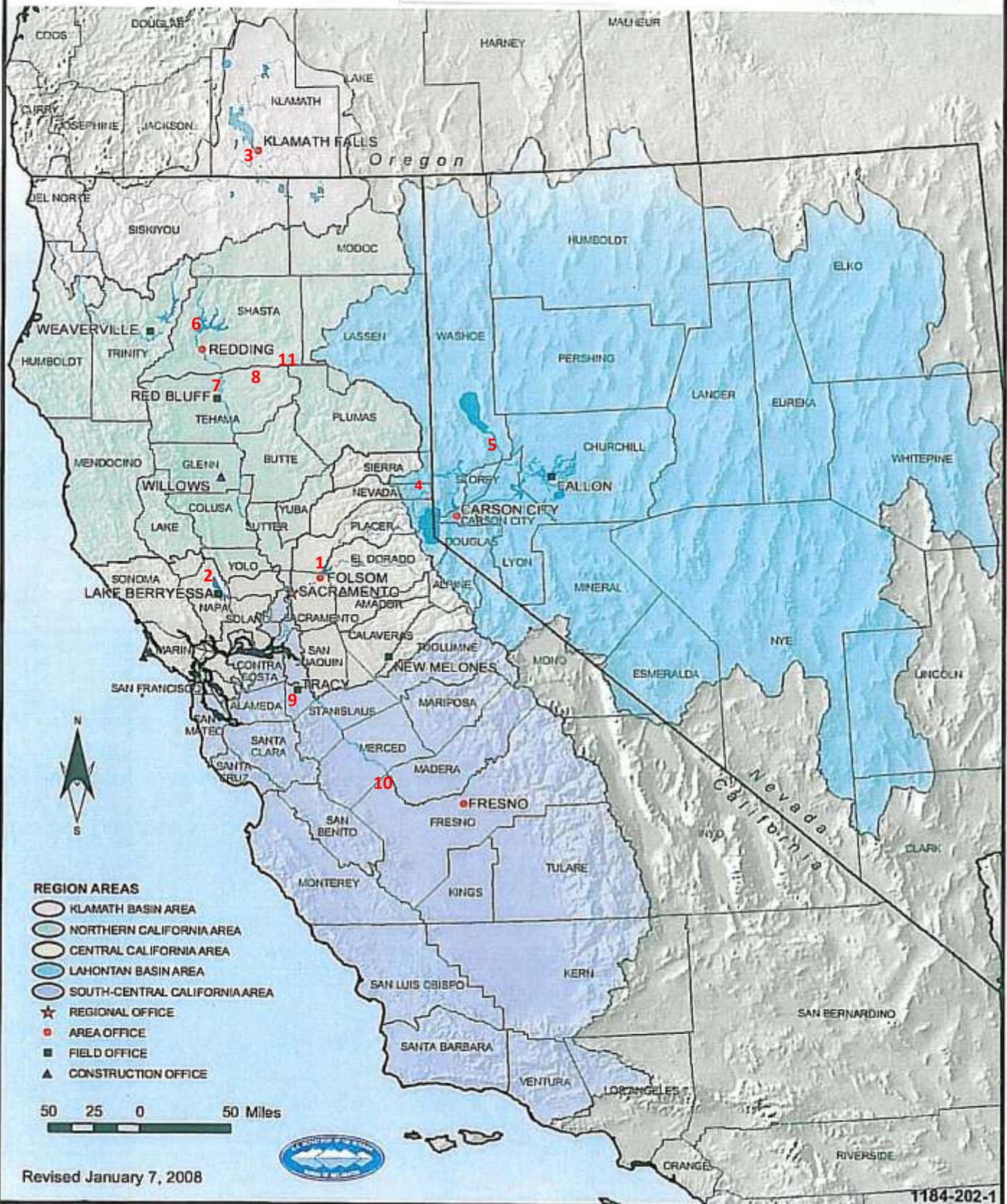
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Mid-Pacific Region

RECLAMATION
Managing Water in the West



STAFFING – MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 42 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward and Project Management Group	2
Administrative Management	7
Division of Field Engineering	19
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Materials Lab Branch	4

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. 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:	January	7.2%
	Time Elapsed	84.2%
	Work Completed	90.5%
Contractor Earnings:	January	\$1,356,621.98
	Previous	\$17,404,823.21
	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

Invoice No. 13 for the period from January 1, 2014 to November 30, 2014 was received this period.

Field Engineering
Construction Manager: Reynaldo Garcia, MPCO-310
Construction Representative: Todd Dooley, MPCO-314; Michael E. Manlick ; MPCO-313, Art Carvajal, LC-6550

Number of Contract Employees: 15

Work performed:

- completed the stator core loop test without incident.
- completed the installation of the support rings.
- began the installation of bottom bars.
- installed the majority of metal enclosed AC and DC bus.
- pulled cable between the Unit 3 exciter cabinet and the Unit Control Board.

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:	January	5.8%
	Time Elapsed	97.4%
	Work Completed	79.5%
Contractor Earnings:	January	\$364,270.52
	Previous	\$5,488,977.80
	Total to Date	\$5,853,248.32

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Manager: Casey Arthur, MPCO-245

Invoice No. 32, dated January 5, 2015, was received on January 6, 2015. It was not for work performed for this period, but for work performed between March 1, 2014 and November 30, 2014.

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, Sacramento, CA

Work Performed	January	0.0%
	Time Elapsed	100.0%
	Work Completed	0.0%
Contractor Earnings	January	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: David Nguyen, CCO-600

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

Notice to Proceed was hand delivered to the contractor at the Post-Award Conference held on October 21, 2014.

No invoice was 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 this Month:

Sapper West erected silt fencing and safety fencing around the project ahead of mobilization.

Two Rivers' crew mobilized on January 21, and performed asbestos and lead remediation work ahead of building demolition.

Areas within the buildings that have been identified as having asbestos containing material (ACM) are:

Garage 201: Mastic around Pipes; Pipe; Tile and Mastic in Office; Window Glazing; Transite Parking Stall Wall Panels.

Building 202A: Rubberized Flooring and Mastic

Building 202C: Mastic Holding Bathroom Wainscots; Window Glazing Putty and Caulk

Loose and flaking lead-containing paint from interior and exterior building surfaces was scraped and bagged for proper disposal.

Temporary fencing was erected behind Garage Building 201 to maintain perimeter security after the building is removed and before permanent fencing is installed.

Starting on January 27, Two Rivers Demolition demolished Buildings 202A, 202B, 202C, and 202D. An excavator crushed the buildings then separated the recyclable metal components from the rest of the waste stream. Metal components were sent to a recycling center and mixed debris was sent to a licensed mixed debris recycler.

On January 29, Granite construction established the line and grade for the new gravity flow sewer lateral that will be installed at the State Parks Garage; removing the service from an existing septic tank that is being abandoned and destroyed.

The trench was dug and Two Rivers' hoe-ram was used to remove a small area of granite in the bottom of the trench to establish the proper grade.

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:	January	0%
	Time Elapsed	58.1%
	Work Completed	50.2%
Contractor Earnings:	January	\$648,677.01
	Previous	\$22,461,713.44
	Total to Date	\$23,110,390.45

Area Office Project Management

Project Manager: Kyle Keer, CC-108

Office Engineering

Contract Manager: John Zimmerman, MPCO-230

Invoice 15 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through December 20, 2014.

Field Engineering

Construction Manager: Reynaldo 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 Contract Employees: 24

Work Performed:

Fisher Industries continued operation at the primary processing plant to produce 5-inch minus material for Zones A and B. The primary plant was reconfigured with two setups - one with the jaw-crusher and one with the mini grizzly shaker. Fisher will be setting up a third plant in February 2015 to process wash-plant feed material.

Fisher Industries did not operate their wash-plant this month.

Kiewit hauled in material from their interim Excavation No. 1. Material meeting the Zone A specification was directly placed during the embankment construction. Oversized material was stockpiled.

Water Pollution Control/Stormwater Pollution Prevention Plan (SWPPP):
Suulutaaq continued maintaining/repairing the Best Management Practices onsite as needed.
Storm water from the nine ponds onsite were pumped into two final settling ponds.

Miscellaneous:

Power-Plus started installing the power supply line to the instrumentation building which the contractor had damaged.



Mormon Island Auxiliary Dam Overlay
Southeast slope of Stockpile A, where Subcontractor Fisher will be excavating and preparing an area for stockpiling the wash-plant feed.

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:	January	0%
	Time Elapsed	11.3%
	Work Completed	0%
Contractor Earnings:	January	\$0
	Previous	\$0
	Total to Date	\$0

Area Office Project Management

Project Manager: Jeff Croshal, CC-607

Office Engineering

Contract Manager: Ryan Hennigan MPCO-211

No invoice was received this period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-317

Number of Contract 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:	January	0.0%
	Time Elapsed	80.5%
	Work Completed	67.0%
Contractor Earnings:	January	\$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 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:	January	0.0%
	Time Elapsed	79.4%
	Work Completed	2.5%
Contractor Earnings:	January	\$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 in 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

Work Performed:

Contractor began onsite work on January 20, 2015 when they began drilling.

Contract No. R14PC00125

Specification No.: None

Folsom Temporary Pump Station – American River Division, Central Valley Project, California
Contractor Services Group, West Sacramento, CA

Work Performed	January	0.0%
	Time Elapsed	73.5%
	Work Completed	0.0%
Contractor Earnings	January	\$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 this reporting period.

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.

Weather:

The weather during this period was clear and sunny with no rain.

Work Performed:

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

Contract No. R14PX01080

Specification No. None

Folsom Hydraulic Cylinder Repair – American River Division, Central Valley Project,
California

Contractor Services Group, West Sacramento, CA

Work Performed:	January	0.0%
	Time Elapsed	86.9%
	Work Completed	0.0%
Contractor Earnings:	January	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

No invoice was received this reporting period.

Modification No. 1 was executed this period to extend the contract completion date to February 20, 2015, an increase of 20 days.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 5

Number of Subcontractor Employees: 2

Safety

The contractor and subcontractors held their toolbox safety meetings, reviewed the JHAs for the activities and had a Safety Professional visit the jobsite.

Work Performed:

During the month of January the contractor arrived at the jobsite. The activities performed at the top of the dam included the disconnection of the hydraulic cylinder hoses, and the removal of the hydraulic cylinder itself from the U-1 FWG vault. The hydraulic cylinder was removed with the Gantry crane and set inside the storage vault, from which it was retrieved with the American Crane Rental 70 ton Linkbelt HTC 8675 hydraulic truck crane. The cylinder was removed from the vertical position and placed into the horizontal position on a platform truck and removed from the jobsite.

The hydraulic cylinder was taken to UNICO machine shop in Benicia, California where it underwent a pressure test prior to disassembly and repairs. During the pressure test, 1000 psi was applied to the hydraulic cylinder and leaks were observed and noted. Leaks were observed in four different areas in the hydraulic cylinder. Oil leaked from the bottom flange and the stem collar, the locking mechanism at the top (known as locking pins or dogs), and from a check valve that is situated in the new manifold arrangement at the top of the hydraulic cylinder.

Approximately three days after the pressure test Contractor Services Group (CSG) representatives informed Reclamation of the following problems which require repairs: scraped piston rod, scraped cylinder bore, deformed lower cylinder register surface, and scraped lower cylinder head bushing. CSG representatives recommended repairing the bent register, machining the piston stem, and re-boring the cylinder. Randy Potter, UNICOR Owner, speculated that the cause for the scrapes on the cylinder bore was the bent register surface. He indicated that the bent register surface caused misalignment, which in turn caused the piston to scrape the cylinder bore.

UNICO's Representative, Mr. Lemos, indicated that their first recommendation was to disassemble the remainder of the cylinder and remove the piston head, so that it could be inspected for damage. CSG Project Manager Chris Harvey indicated that the removal of the piston is not part of CSG's contract scope and a modification to the contract would be required.

KBAO

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

Work Performed:	January	64.0%
	Time Elapsed	100.0%
	Work Completed	94.0%
Contractor Earnings:	January	\$37,713.70
	Previous	\$195,986.47
	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 RFC No. 5215003-005 for change of electrical routing.
Reviewed and processed required submittals.

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

Number of Contract Employees: 0
No on-site work performed was in January 2015.

LBAO

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	January	0%
	Time Elapsed	62.6%
	Work Completed	8.8%
Contractor Earnings	January	\$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 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 – Stampede Division, Washoe Project,
California

Site Work Solutions, Inc., Redding CA

Work Performed	January	0%
	Time Elapsed	49.7%
	Work Completed	1%
Contractor Earnings	January	\$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 period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 0

Worked Performed:

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

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

Work Performed	January	0%
	Time Elapsed	53.2%
	Work Completed	0%
Contractor Earnings	January	\$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 this 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 Contractor 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.

NCAO

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:	January	0%
	Time Elapsed	92.7%
	Work Completed	66.1%

Contractor Earnings:	January	\$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 invoices were received this reporting period.

Field Engineering
Construction Manager: Stephen Holmes, MPCO-320

Number of Contractor Employees: 13

Work performed:
The contractor installed armature winding, RTD box, and working platforms.

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	January	0.0%
	Time Elapsed	100.0%
	Work Completed	39.4%
Contractor Earnings	January	\$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 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. 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:	January	9.2%
	Time Elapsed	97.5%
	Work Completed	99.9%
Contractor Earnings:	January	\$302,000.00
	Previous	\$2,979,100.00
	Total to Date	\$3,281,100.00

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

Invoice No. 9 was received in the month of January 2015 for work that was performed in December 2014.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jeff Kelly, MPCO-361

Number of Contractor Employees: 5

Work Performed:

Contractor installed removable gate supports on the diversion dam.

Contractor completed all work and the project was deemed substantially complete on January 13, 2015.

The warranty extends to January 12, 2016.

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:	January	0.00%
	Time Elapsed	76.9%
	Work Completed	80.2%
Contractor Earnings:	January	\$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 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:	January	0%
	Time Elapsed	49.4%
	Work Completed	94.5%
Contractor Earnings:	January	\$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 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:	January	0%
	Time Elapsed	100.0%
	Work Completed	100.0%
Contractor Earnings:	January	\$40,272.00
	Previous	\$0
	Total to Date	\$40,272.00

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

Invoice No. 1 was received during this period and forwarded to the Denver office for processing. This is the first and final invoice on this contract.

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 on December 29, 2014.

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:	January 2015	12.1%
	Time Elapsed	87.8%
	Work Completed	45.2%
Contractor Earnings:	January 2015	\$1,095,370.03
	Previous	\$4,964,285.14
	Total to Date	\$6,059,655.17

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

This is a design/build contract.

Invoice No. 12 was received this period for work performed in the month of December 2014.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: David Derk, MP-334

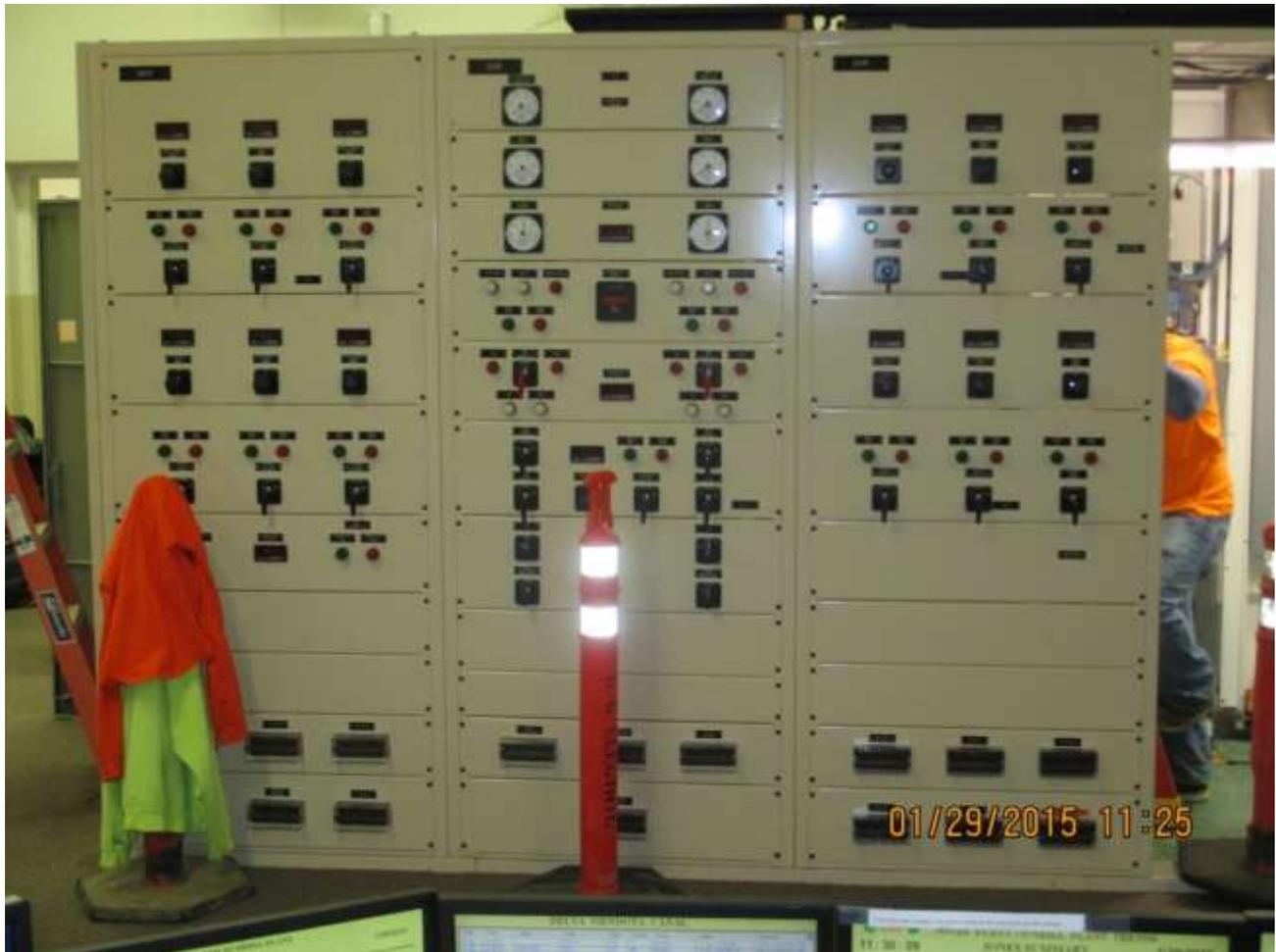
Number of Contractor Employees: 12

Work Performed in the month of January:

Contra Costa Electric, Inc. installed temporary power to the lights and receptacles inside Building 11A; conduits for AC, DC, Fiber and Phone panels; amp meters; grounding of the building, conduits, and steel columns; 6-inch tubular bus with columns and conductors; bushing box and non-segregated bus sections; HVAC units on Building 11A; and down spouts. They also tested all installed control cables, the fiber cables on the spool and after installation; terminated, labeled, and landed all installed control wires inside the individual cubicles in the Building 11A gear, and panel WSLI-2 in the Control Building basement; made up stress cones on ends of the Unit #6 and Unit #2 power cables; started butt splice operation of the three phases of power cables on Unit #6; terminated, labeled, and landed control wires in the Pumping Plant for Unit #2 and started on Unit #6; and installed three new panel skins in the Control Room (CCA1F, CCA2F, and CCA3F) and associated wireways.

Conxtech installed the non-segregated bus structural steel columns and beams around Building 11A.

Power Pros tested the new unit substation equipment; reactors; grounding system and started building 11A pre-function testing.
Nor-Cal Battery removed the old DC batteries.



Tracy 13.8kV Switchgear/Breaker Replacement
New panel skins CCA1F, CCA2F, and CCA3F, from left to right, installed

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:	January	0%
	Time Elapsed	100%
	Work Completed	93.57%
Contractor Earnings:	January	\$62,115.34
	Previous	\$21,912,469.81
	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

Invoice No. 22 was received and forwarded to Denver finance office for processing. It was not for work done this period, but for work through October 31, 2014.

No modifications were executed during this time period.

Field Engineering
Project Engineer: Chris Van Deusen, MPCO-345

Number of Contractor Employees: 3

Work performed:

Slayden Construction, along with subcontractor Water Dynamics, continued to clean tanks and maintain process systems. The second stage bioreactors were flushed with service water once a week to maintain the carbon media. Slayden Construction continued 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 considerations will be necessary.

BOR-TSC began separate column tests using reverse osmosis (RO) concentrate from the UCLA pilot system set up across from the Demonstration Plant. The apparatus used six separate columns to simulate the original system. After running the apparatus for two weeks, scaling was visually observed in the very last column. TSC redesigned their approach and decided to run two separate tests. The first three columns which did not show signs of scaling, continued to run

to verify the scaling result. The last three columns have been set up with the new, pH adjusted, coconut GAC. All columns were been plumbed to include a degassing system. The degassing is expected to help release nitrogen gas which is thought to be tied to scaling since the gas pockets may provide a perfect environment for scaling to develop.



San Luis Demonstration Treatment Plant
Photo of the degassing system (white valves with blue handles) added to the column testing 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	January	7.1%
	Time Elapsed	100.0%
	Work Completed	92.9%
Contractor Earnings	January	\$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

Received Invoice No 9-Final along with a signed and sealed Release of Claims 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

Safety:
During this period no safety infractions were observed.

Environmental:
No issues to report this period.

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

Regional

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:	January	0%
	Time Elapsed	100%
	Work Completed	98%

Contractor Earnings:	January	\$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

Final Mod was executed January 28, 2015.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

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

Number of Contractor Employees: 0

No on-site work was performed in January 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:	January	10%
	Time Elapsed	76%
	Work Completed	33%

Contractor Earnings:	January	\$0.00
	Previous	\$0.00
	Total to Date	\$89,476.58

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed submittals.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

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

Number of Contractor Employees: 3

Work Performed:

Contractor continued installation of new electrical conduits from Panel CB to the new flow sensor control panel.



Battle Creek Salmon and Steelhead
North Fork Screens and Ladders Gate Modulations
Installing new 2" conduit, for power, below existing 1" conduit which will be used for analog.



Battle Creek Salmon and Steelhead
North Fork Screens and Ladders Gate Modulations
Conduit installed at new sensor location (Looking downstream).



Battle Creek Salmon and Steelhead
North Fork Screens and Ladders Gate Modulations
Start of installing conduits at Eagle Canyon Dam during a scheduled outage of electrical power
and during a scheduled clearance to be working inside the fish ladder.

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.

R13PC20507 20-C0792 North Fork Pipeline Repair

There was no Office Engineering Administrative activity this period.

1-year warranty extended to November 11, 2014.

R13PC20211 20-C0798 New Melones Artifact Storage Building

Office Engineering continues to work on punchlist items.

1-year warranty period began April 27, 2014 and will end April 28, 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