

# RECLAMATION

*Managing Water in the West*

**MP CONSTRUCTION OFFICE**  
**Willows, California**

## **Construction Progress Report L-29**



**Mormon Island Auxiliary Dam Overlay - Sub-contractor operating grizzly screen with a Cat 349 excavator and Cat D10 dozer producing stockpile of Zone A and B material**



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

March 2015

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**CONSTRUCTION PROGRESS REPORT (L-29)  
 MID-PACIFIC CONSTRUCTION OFFICE  
 MID-PACIFIC REGION  
 MARCH 2015**

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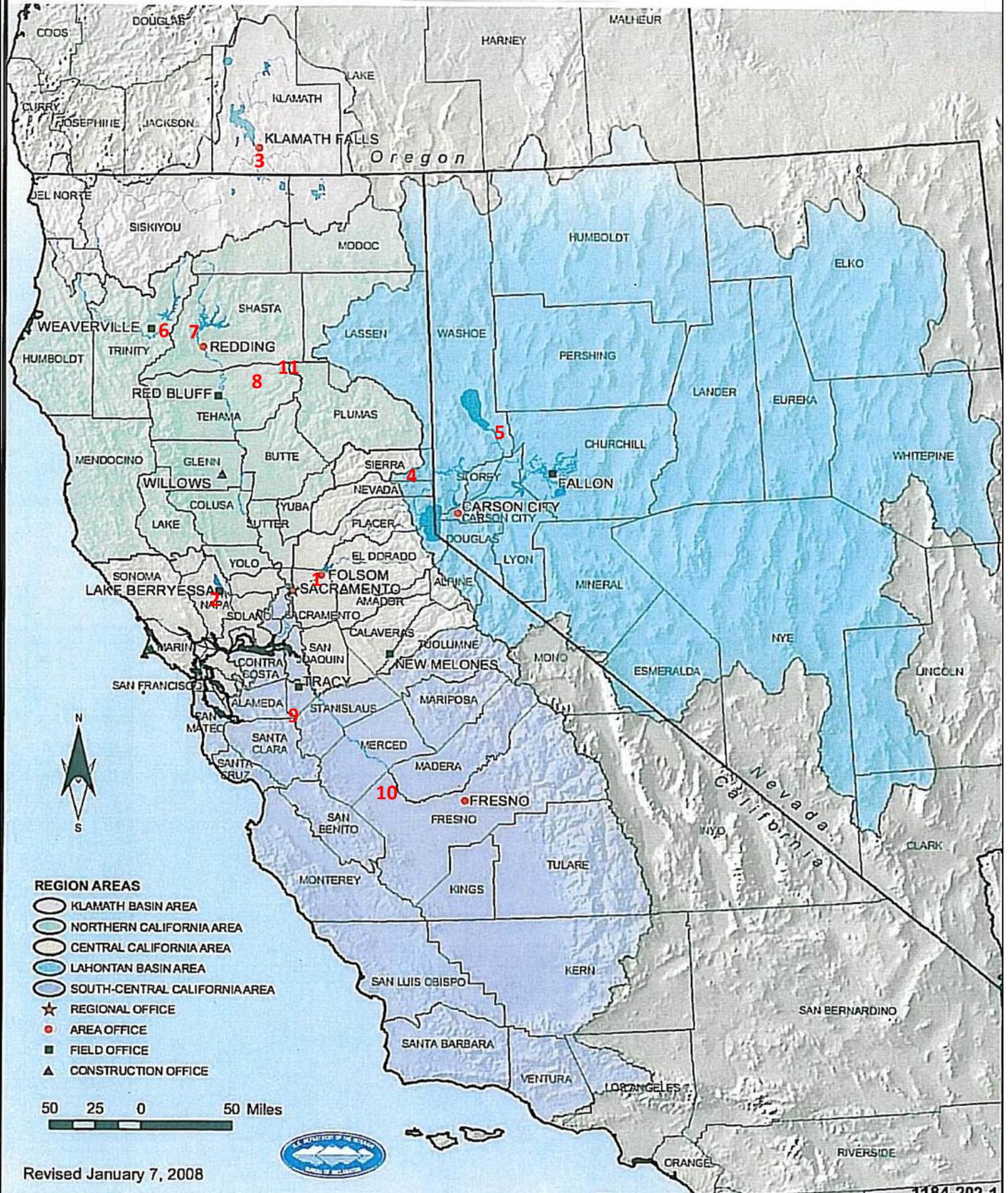
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# Mid-Pacific Region



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# STAFFING – MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 47 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward and Project Management Group	3
Administrative Management	7
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Materials Lab Branch	7

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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:	March	2.2%
	Time Elapsed	87.1%
	Work Completed	92.7%
Contractor Earnings:	March	\$456,236.51
	Previous	\$18,761,445.19
	Total to Date	\$19,217,681.70
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$64,179.00
	2nd Quarter Expenditures	\$150,931.00
	3rd Quarter Expenditures	\$0.00
	4th Quarter Expenditures	\$0.00
	FY15 Cumulative Total	\$215,110.00
	FY15 Budgeted	\$485,085.00
	Amount Remaining	\$269,975.00
	Percent Remaining	55.66%

MPCO noncontract costs include costs from Contract No. R10PC20767 located on page 5.

**Area Office Project Management**

Project Manager: Jesse Castro, CC-607

**Office Engineering**

Contract Manager: Larry Bowman, MPCO-240

Invoice No. 14 was received this reporting period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314; Dennis Schuenemann, MPCO-338;  
 Phil Moseby, MPCO-327

Number of Contractor Employees: 26

**Work Performed:**

Andritz-Hydro completed brazing both turbine end and connection end series clips. They also completed brazing jumper connections.

Andritz-Hydro began insulating exposed copper between jumper connections and stator bars.

Andritz-Hydro completed the majority of turbine end silicone capping.

Andritz-Hydro completed the installation of rotor poles.

Andritz-Hydro began installing both equalizer and circuit rings.

Andritz-Hydro completed terminating wires for installed RTDs.

Andritz-Hydro completed terminating wires for exciter test switches.

**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**

<b>Work Performed:</b>	March	20.5%
	Time Elapsed	101.0%
	Work Completed	100.0%
<b>Contractor Earnings:</b>	March	\$1,593,347.99
	Previous	\$5,853,248.32
	Total to Date	\$7,446,596.31
	1st Quarter Expenditures:	\$0.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$0.00
	FY15 Budgeted:	\$0.00
	Amount Remaining:	\$0.00
	Percent Remaining:	0.00%

MPCO noncontract costs are included in noncontract costs of contract no. R10PC20019 found on page 3.

**Area Office Project Management**

Project Manager: Jesse Castro, CC-607

**Office Engineering**

Contract Manager: Casey Arthur, MPCO-245

Two invoices were received during this period. Invoice No. 33, dated March 16, 2015 and received on March 17, 2015, in the amount of \$1,201,824.29 for the time period covering December 1, 2014 to February 19, 2015. Invoice No. 34, dated March 18, 2015 and received March 19, 2015, in the amount of \$391,523.70 for the same time period. Invoice No. 34 was invoicing for all monies retained on this contract and served as final invoice.

This contract is now complete.

**Field Engineering**

Construction Manager: N/A supply contract

Construction Representative: N/A supply contract

Number of Contractor 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	March	50.2%
	Time Elapsed	95.6%
	Work Completed	97.7%
Contractor Earnings	March	\$219,983.25
	Previous	\$208,320.00
	Total to Date	\$428,303.25
	1st Quarter Expenditures:	\$16,103.00
	2nd Quarter Expenditures:	\$53,828.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$69,931.00
	FY15 Budgeted:	\$185,495.00
	Amount Remaining:	\$115,564.00
	Percent Remaining:	62.3%

**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 received this reporting period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-3015

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 1

Number of Subcontractor Employees: 6

**Work Performed:**

Sweeping and vacuuming the asphalt was performed around each of the aggregate surfaced building footprints, as well as at the guard post paving area. A water truck performed the final cleaning of the construction site.

In accordance with the contract modification, the remaining parking shed was demolished and removed. A hazardous materials technician removed the ACM (Transite) wall partition in the parking shed. A HEPA vacuum was used to pick-up all remaining ACM debris from around the work area.

The demolition crew used an electric grinder and a gasoline powered cut-off saw to remove the nuts from the anchor bolts holding the I-columns and perimeter sill plates.

An excavator pulled down the parking structure and loaded all recyclable steel into a roll-off dump bin. The steel was sent to a recycle center. A small quantity of wood and debris was loaded into the same roll-off debris bin and removed from the jobsite.

Repairs were made to the asphalt and aggregate surfacing that were damaged during the demolition work. A cold-mix asphalt patch was used to fill a hole of approximately 18-inches breadth. The loose aggregate surfacing material on the corner of Building 201's footprint (that was disturbed by the tracks of the excavator) was re-compacted.

A fence crew completed installation of the final forty lineal feet of permanent, perimeter, chain-link security fencing.

On March 20, 2015, a Substantial Completion Memorandum for this project was issued by MPCO's Field Engineer.

**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:	March	0%
	Time Elapsed	64.7%
	Work Completed	51.3%
Contractor Earnings:	March	\$327,764.51
	Previous	\$23,268,313.20
	Total to Date	\$23,596,077.71
	1st Quarter Expenditures:	\$275,802.00
	2nd Quarter Expenditures:	\$194,150.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$469,952.00
	FY15 Budgeted:	\$1,553,620.00
	Amount Remaining:	\$1,083,668.00
	Percent Remaining:	69.75%

**Area Office Project Management**

Project Manager: Kyle Keer, CC-108

**Office Engineering**

Contract Manager: John Zimmerman, MPCO-230

Invoice 17 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through February 20, 2015.

**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 Contractor Employees: 20

**Work Performed:**

Excavation Activities

All excavation has been completed.

#### Embankment Backfill Activities

No embankment activities were performed, since Granite Construction was on winter shutdown this month.

#### Commercial Material

No commercial fine or coarse filter material was delivered this month.

#### Toe Drain Activities

All toe drain activities are complete except for Type B toe drain at station 458+00 to station 460+00, which will be completed in conjunction with the filter chimney zone beginning April 2015.

#### Stockpile Processing activities

Fisher Industries had four plants operating in March: VERIFY Plant 1 - A grizzly screen producing 5-inch minus material for Zones A and B which was stockpiled for future placement.

Plant 2 - A jaw crusher producing an 8-inch minus material that is transported to Plant 3 for further processing.

Plant 3 - A cone crusher and jaw crusher tandem producing 1-¼ inch material that becomes wash plant feed for onsite production of fine and coarse filter material.

Wash Plant - This plant was operated at the end of the month for only one full day of production. Next month the plan is to run the plant for two shifts each work day.

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, the other with the mini grizzly shaker. Fisher will set up a third plant next month to process wash-plant feed material.

Kiewit Infrastructure West, hauled in excavated material from the Joint Federal Project Phase IV per the material sharing agreement in place between the two projects. The material was either hauled to Plant 1 for processing or hauled directly to the stockpile area for future placement by subcontractor Granite.

#### Instrumentation

No activity this month.

#### Water Pollution Control/SWPPP

Suulutaq continued maintaining and repairing Best Management Practices as needed.

Stormwater from the nine onsite ponds was pumped into two final settling ponds for treatment by subcontractor Clear Creek, and then discharged offsite.

#### 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 Island Auxiliary Dam Overlay  
Fisher Industries loading grizzly screen that is Producing Zone A and B materials  
for stockpile**

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

Work Performed:	March	0%
	Time Elapsed	16.7%
	Work Completed	0%
Contractor Earnings:	March	\$0
	Previous	\$0
	Total to Date	\$0
	1st Quarter Expenditures:	\$19,034.00
	2nd Quarter Expenditures:	\$24,822.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$43,856.00
	FY15 Budgeted:	\$334,790.00
	Amount Remaining:	\$290,934.00
	Percent Remaining:	86.9%

**Area Office Project Management**

Project Manager: Jeff Croshal, CC-607

**Office Engineering**

Contract Manager: John Zimmerman, MPCO-230

No invoices were received this period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-317

Number of Contractor Employees: 0

**Work Performed:**

No onsite work was performed during this period.

**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:	March	0.0%
	Time Elapsed	91.6%
	Work Completed	67.0%
Contractor Earnings:	March	\$0.00
	Previous	\$645,444.76
	Total to Date	\$645,444.76
	1st Quarter Expenditures:	\$3,081.00
	2nd Quarter Expenditures:	\$600.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$3,681.00
	FY15 Budgeted:	\$18,600.00
	Amount Remaining:	\$14,919.00
	Percent Remaining:	80.21%

**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:**

No onsite work during this period. Work has been suspended until further notice.

**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:	March	0.0%
	Time Elapsed	95%
	Work Completed	2.5%
Contractor Earnings:	March	\$0.00
	Previous	\$2,200.00
	Total to Date	\$2,200.00
	1st Quarter Expenditures:	\$3,444.00
	2nd Quarter Expenditures:	\$33,917.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$37,361.00
	FY15 Budgeted:	\$38,425.00
	Amount Remaining:	\$1,064.00
	Percent Remaining:	2.77%

**Area Office Project Management**

Project Manager: Peter Funkhouser, CC-440

**Office Engineering**

Contract Manager: Ryan Hennigan, MPCO-211

No Invoice was received during the month of February.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contractor Employees: 0

**Work Performed:**

No on site work performed during this period.

**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	March	0.0%
	Time Elapsed	47.0%
	Work Completed	0.0%
Contractor Earnings	March	\$100,689.60
	Previous	\$0.00
	Total to Date	\$100,689.60
	1st Quarter Expenditures:	\$13,774.00
	2nd Quarter Expenditures:	\$17,141.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$30,915.00
	FY15 Budgeted:	\$36,160.00
	Amount Remaining:	\$5,245.00
	Percent Remaining:	14.5%

**Area Office Project Management**

Project Manager: Jesse Castro, CCO-607

**Office Engineering**

Contract Manager: Larry Bowman, MPCO-240

Contractor continued working on design. Invoice number 1 was received this reporting period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Ben Richburg, MPCO-318

Onsite Government Representative: Benjamin Richburg, MPCO-318

Number of Contractor Employees: 0

Number of Subcontractor Employees: 0

**Work Performed:**

No onsite work was performed during 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	March	0.0%
	Time Elapsed	100.0%
	Work Completed	55.3%
Contractor Earnings	March	\$90,060.00
	Previous	\$0.00
	Total to Date	\$90,060.00
	1st Quarter Expenditures:	\$2,156.00
	2nd Quarter Expenditures:	\$32,858.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$35,014.00
	FY15 Budgeted:	\$84,100.00
	Amount Remaining:	\$49,086.00
	Percent Remaining:	58.37%

**Area Office Project Management**

Project Manager: Jesse Castro, CCO-607

**Office Engineering**

Contract Manager: Larry Bowman, MPCO-240

Invoice 1 was received 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

**Work Performed:**

During the month of March, the Inspector, Gustavo J Aguilera, visited on three occasions the UNICO machine shop at Benicia, CA. to oversee and verify the progress in regards to the U-1 FWG Hydraulic Cylinder Leak Repair. In one of the visits, discussions regarding the Nickel Chromium coating on the hydraulic cylinder stem took place. The coating on the stem appears to be porous and not smooth and crystal-like as everyone expected. Rick Lemos, from UNICO, explained how the coating was applied and ground off to the existing finish. This information was passed on to him by the Los Angeles machine shop when he inquired about the finish on the

stem, which he also didn't expect. Mr. Lemos supplied Mr. Santana from CCAO and the Inspector a page of information with the details on the application process for the coating and with the name and phone number of the Los Angeles machine shop in order for MPCO and CCAO to inquire about the coating process. After a meeting with the subcontractor, CSG decided to send the stem back to Bender to be reworked. The stem got back in the conditions expected, and was accepted by MPCO.

The last visit was to witness a pressure test procedure as it was required in the Specs under the "Technical Requirements" part of the spec which stated that "Once the cylinder is reassembled the Contractor shall test the cylinder by applying 1000 psi, the maximum test pressure, to both sides of the piston simultaneously for a period of two hours". All throughout the pressure test the conditions remained steady and only a really small drip was noticed. The Contractor representative, Carlton Lehman, CCAO's José Santana and the Inspector agreed that the small drip could be quantified as 10 drops along the two (2) hours duration of the test. It was stated by the Contractor representative and the UNICO technician that this drip can be attributed to the horizontal position in which the cylinder was tested. Another factor called out by the Contractor and UNICO was the possibility of the chevron packings not sitting well in place yet, needing to be exercised by operating the hydraulic cylinder in the vertical position to achieve complete sealing capability.

CSG and Harbolt arrived to the jobsite and removed the old oil that was left on the U-1 FWG HPU reservoir. After proper containment was placed, the oil was removed with a transfer pump and surrendered to CCAO. The unit tank was opened and cleaned, as well as, all of the oil conduits in the system. This task took the Contractor and its sub-contractor two days to complete.

Almost at the end of the month, CSG arrived at the top of the dam with the hydraulic cylinder ready to be installed. The cylinder was offloaded from the delivery truck with a 110 Ton capacity Grove TMS 9000E hydraulic truck crane from American Crane Rental. The cylinder was set from the horizontal position into the vertical position and set inside the storage vault. Once the rental crane left the jobsite, CSG proceeded to operate the CCAO Gantry crane. The hydraulic cylinder was hoisted up from the storage vault and slowly moved to its final resting position inside the U-1 FWG vault. The cylinder was installed and all the connections made. The next day the rest of the oil was pumped inside the hydraulic cylinder and the cylinder successfully tested by CCAO.

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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:	March	0%
	Time Elapsed	100%
	Work Completed	94%
Contractor Earnings:	March	\$0.00
	Previous	\$233,700.17
	Total to Date	\$233,700.17
	1st Quarter Expenditures:	\$50,448.00
	2nd Quarter Expenditures:	\$18,773.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$69,221.00
	FY15 Budgeted:	\$280,260.00
	Amount Remaining:	\$211,039.00
	Percent Remaining:	75.3%

**Area Office Project Management**

Project Manager: William Vanderwaal, MPCO-122

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 7

**Work Performed:**

During this period the contractor worked a couple of days to re-route the installation of the electrical conduit for the newly installed Pivot Gate.

**CLIN-4 Electrical**

Subcontractor Synergy electrician with the assistance of Nomlaki superintendent laid out the new location for the electrical conduits that will be installed between the new pivot gate control box and the existing maintenance building, as shown in drawing 12-D-1237. Subcontractor Rocky Mountain saw cut the asphalt for the electrical trench. The crew then saw cut the area where the electrical trench will be re-routed; they cut approximately 60 feet long by 18” wide.

Nomlaki crew worked on the excavation of the electrical trench to re-route the electrical conduits to the existing maintenance building. The crew used the mini-excavator to remove the asphalt and to excavate the trench. The asphalt material was placed into a trailer and hauled to the disposal site.

Subcontractor Synergy Electric crew installed two sections of schedule 40 electrical conduits from about the light pole located on the south side of the new gate to the existing maintenance building. The crew installed electrical conductors and two electrical breakers; one breaker of 40 amps for the Pivot Gate and one breaker of 20 amps for the Light Poles.

Nomlaki crew used the excavated material to backfill the electrical trench in layers of approximate 8" to 10" and compacted the material using the jumping jack. The crew filled the trench to approximate 9" below the top of the surface of the asphalt. At this point they placed the metallic detection tape along the trench, and then continued with the backfill operation to approximate 3.5" to 4" to the surface of the asphalt using the aggregate base material. The material was compacted with the jumping jack, preparing the trench for the paving operation.



**Klamath Basin Area Office Pivot Gate System  
Subcontractor Synergy laying out the location for the power supply for the new  
pivot gate**



**Klamath Basin Area Office Pivot Gate System  
View of the electrical trench and the communication and power conduits  
encountered during the excavation**



**Klamath Basin Area Office Pivot Gate System  
Nomlaki crew placing the aggregate base material on the electrical trench in  
preparation for the paving operation.**

# **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	March	0%
	Time Elapsed	70.6%
	Work Completed	8.6%
Contractor Earnings	March	\$0
	Previous	\$183,988.00
	Total to Date	\$183,988.00
	1st Quarter Expenditures:	\$7,420.00
	2nd Quarter Expenditures:	\$33,277.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$40,697.00
	FY15 Budgeted:	\$246,940.00
	Amount Remaining:	\$206,243.00
Percent Remaining:	83.52%	

**Area Office Project Management**

Project Manager: Locke Hahne, LO-400

**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: Todd Dooley, MP-314

Number of Contractor Employees: 0

**Work Performed:**

Knight Construction & Supply, Inc.

HDPE pipe was fabricated for the project in Reno NV. The fabricated HDPE pipe was inspected by the Government and field measurements were recorded.

**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	March	0%
	Time Elapsed	69.3%
	Work Completed	1%
Contractor Earnings	March	\$0.00
	Previous	\$1,381.00
	Total to Date	\$1,381.00
	1st Quarter Expenditures:	\$1,010.00
	2nd Quarter Expenditures:	\$9,346.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$10,356.00
	FY15 Budgeted:	\$10,495.00
	Amount Remaining:	\$139.00
	Percent Remaining:	1.32%

**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

**Work Performed:**

No site work was performed this period. The work will occur once 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	March	0%
	Time Elapsed	61.5%
	Work Completed	0%
Contractor Earnings	March	\$0
	Previous	\$0
	Total to Date	\$0

1st Quarter Expenditures:	\$4,509.00
2nd Quarter Expenditures:	\$1,305.00
3rd Quarter Expenditures:	\$0.00
4th Quarter Expenditures:	\$0.00
FY15 Cumulative Total:	\$5,814.00
FY15 Budgeted:	\$42,800.00
Amount Remaining:	\$36,986.00
Percent Remaining:	86.42%

**Area Office Project Management**

Project Manager: Locke Hahne, LO-400

**Office Engineering**

Contract Manager: John Zimmerman, MPCO-230

No invoices were 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 as work is suspended awaiting a 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:	March	9.55%
	Time Elapsed	92.7%
	Work Completed	85.5%
Contractor Earnings:	March	\$1,144,618.50
	Previous	\$9,092,570.28
	Total to Date	\$10,237,188.78
	1st Quarter Expenditures:	\$109,156.00
	2nd Quarter Expenditures:	\$119,144.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$228,300.00
	FY15 Budgeted:	\$397,000.00
	Amount Remaining:	\$168,700.00
	Percent Remaining:	42.49%

**Area Office Project Management**

Project Manager: Joe Ascoli

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

Payment No. 8 was made on March 19, 2015 for work performed in December 2014 and January 2015.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Steve Holmes, MPCO-320

Number of Contractor Employees: Up to 16

**Work Performed:**

- Crews insulated jumpers.
- Brazing bottom clips.
- Installed circuit ring main bus.
- Connected RTDs.
- Performed commissioning tests.
- Coated stator and new winding.

**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	March	0.0%
	Time Elapsed	100.0%
	Work Completed	39.4%
Contractor Earnings	March	\$0.00
	Previous	\$105,844.05
	Total to Date	\$105,844.05
	1st Quarter Expenditures:	\$5,454.00
	2nd Quarter Expenditures:	\$2,900.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$8,354.00
	FY15 Budgeted:	\$14,640.00
	Amount Remaining:	\$6,286.00
	Percent Remaining:	42.94%

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received in the month of March.

**Field Engineering**

Construction Manager: Stephen Holmes, MPCO-320

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 0

**Work performed:**

No onsite work was performed during this period

**Contract No. R15PC00041**  
**Specification No. 20-C0827**  
**Keswick Powerplant Main Bus Replacement – Shasta Division,**  
**Central Valley Project, California**  
**Gardner Zemke Company, Albuquerque, NM**

Work Performed:	March	0.00%
	Time Elapsed	1.36%
	Work Completed	0.00%
Contractor Earnings:	March	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00
	1st Quarter Expenditures:	\$0.00
	2nd Quarter Expenditures:	\$3,300.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$3,300.00
	FY15 Budgeted:	\$48,470.00
	Amount Remaining:	\$45,170.00
	Percent Remaining:	93.19%

**Area Office Project Management**

Project Manager: Jeff Gifford

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

Contract was awarded on March 11, 2015. Notice to Proceed was issued on March 25, 2015.  
 No payment was made in the month of March.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Steve Holmes, MPCO-320

Number of Contractor Employees: 0

**Work Performed:**

No onsite work was performed during this period.

**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:	March	0.00%
	Time Elapsed	82.1%
	Work Completed	86.6%
Contractor Earnings:	February	\$0.00
	Previous	\$746,522.47
	Total to Date	\$746,522.47
	1st Quarter Expenditures:	\$0.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$0.00
	FY15 Budgeted:	\$0.00
	Amount Remaining:	\$0.00
	Percent Remaining:	0.00%

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Ryan Hennigan, MPCO-211

No invoice was received in the month of March. There was no Office Engineering work performed during this 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 and monitoring vegetation it planted in 2010.

# **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:	March	3.0%
	Time Elapsed	92.0%
	Work Completed	52.7%
Contractor Earnings:	March	\$402,660.80
	Previous	\$6,653,239.62
	Total to Date	\$7,055,900.42
	1st Quarter Expenditures:	\$82,793.00
	2nd Quarter Expenditures:	\$115,777.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$198,570.00
	FY15 Budgeted:	\$462,545.00
	Amount Remaining:	\$263,975.00
	Percent Remaining:	57.07%

**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. 14 was received this period it was not for work this period, but for work performed in the month of February 2015.

**Field Engineering**

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: David Derk, MP-334

Number of Contractor Employees: 16

**Work Performed:**

Contra Costa Electric, Inc.:

Two tie breaker non-segregated bus ducts from building 11A were installed to the end of the completed structural steel supports.

Control cables were installed between buildings 6A, B15, and 8A; from the three buildings to the pumping plant; and from the three buildings to the control room. Grout was placed under the support columns for the 11A reactors and 6-inch tubular bus in front of the 11A building.

**Power Pros:**

Most of the pre-function testing on building 11A circuits were completed, and wire labels were verified. Started installation and testing of relay settings for the Basler and Schweitzer relays in building 11A.

**Powell:**

Repaired items for building 11A

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  
Electricians pulling control cables in 13.8kV tunnel section**

**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:	March	0%
	Time Elapsed	100%
	Work Completed	93.57%
Contractor Earnings:	March	\$0.00
	Previous	\$21,974,585.15
	Total to Date	\$21,974,585.15
	1st Quarter Expenditures:	\$89,492.00
	2nd Quarter Expenditures:	\$92,181.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$181,673.00
	FY15 Budgeted:	\$207,173.00
	Amount Remaining:	\$25,500.00
	Percent Remaining:	12.31%

**Area Office Project Management**

Project Manager: Cheryl Carter, SCC-105

**Office Engineering**

Contract Manager: Casandra Arthur, MPCO-245

No invoices were received during this period.

Modification 0014 was executed on March 2, 2015, which definitized unilateral modification 0012 and REAs 3-7.

**Field Engineering**

Project Engineer: N/A

Number of Contractor Employees: 3

**Work performed:**

Slayden Construction, along with subcontractor Water Dynamics, continues to clean tanks and maintain process systems. The second stage bioreactors are 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.

Masons Painting was onsite conducting punch list painting and completing Modification 0012/0014 work.

After the coordination meeting held at the end of February, where the column testing results from both the ABMet System manufacturer, GE, and BOR-TSC were presented and discussed, the decision was made to reconfigure the process treatment system train prior to restarting the plant. The reconfiguration would result in the ABMet System being placed first in the train, ahead of the pretreatment systems. Several discussions occurred throughout the month as the design progressed. The new configuration will be released as a modification at a later date.



**San Luis Demonstration Treatment Plant  
Coating operations and the installed HCl curtain at the HCl containment area**

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# **Mid-Pacific Regional Office**

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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:	March	1%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	March	\$51,096.76
	Previous	\$309,685.50
	Total to Date	\$360,782.26
	1st Quarter Expenditures:	\$10,345.00
	2nd Quarter Expenditures:	\$2,589.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$12,934.00
	FY15 Budgeted:	\$18,400.00
	Amount Remaining:	\$5,466.00
	Percent Remaining:	29.71%

**Area Office Project Management**

Project Manager: Mary Marshall, MP-203

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Substantial Completion: March 3, 2015.

1-year warranty period began March 3, 2015 and will end March 2, 2016.

Final Payment invoice submitted March 26, 2015.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Number of Contractor Employees: 0

**Work Performed:**

No onsite work was performed this period.

## 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:	March	0%
	Time Elapsed	100%
	Work Completed	59%
Contractor Earnings:	March	\$0.00
	Previous	\$230,276.22
	Total to Date	\$230,276.22
	1st Quarter Expenditures:	\$30,569.00
	2nd Quarter Expenditures:	\$59,091.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY15 Cumulative Total:	\$89,660.00
	FY15 Budgeted:	\$122,930.00
	Amount Remaining:	\$33,270.00
	Percent Remaining:	27.06%

MPCO noncontract costs include contract costs for the Battle Creek Field Office.

#### Area Office Project Management

Project Manager: Mary Marshall, MP-203

#### Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed submittals and pay applications.

#### Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jason Foust, MPCO-325

Number of Contractor Employees: 9

#### Work Performed:

No onsite work was performed this period. Weekly coordination meetings were conducted each week. The contractor procured parts to complete the project. The outage required to complete the project has not been approved. The outage request for March 16th and 18th was denied due to PG&E outage already in progress. Outage request for March 30, 31 and April 1 was also denied because PG&E needs 15 days to get outage approval and contractor submitted the request less than 15-days ahead of time. The next outage request for April 9 and 10 is pending approval. The completion date was March 8. The contractor is pursuing an extension.

# **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.

**R13PC20211 20-7098 New Melones Artifact Storage Building**  
There was no Office Engineering Administrative activity this period.  
1-year warranty started April 29, 2014 and will end April 28, 2015

**R14PC00066 No Spec No. Red Bluff Well Enhancement**  
There was no Office Engineering Administrative activity this period  
1-year warranty period began December 9, 2014 and will end December 8, 2015

**R13PC20169 20-C0820 Red Bluff Diversion Dam Decommissioning**  
There was no Office Engineering Administrative activity period  
1-year warranty period began January 13, 2015 and will end January 12, 2015

**R13PC20105 No. 20-C0813 Tracy Fish Collecting Facilities Secondary Louver Replacement**  
There was no Office Engineering Administrative activity this period  
1-year warranty period began September 25, 2014 and will end September 24, 2015