

# RECLAMATION

*Managing Water in the West*

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

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



**New Melones Lift Station Repairs**  
**Contractor, Gold Electric, Accessing the Vault**



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

August 2015

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

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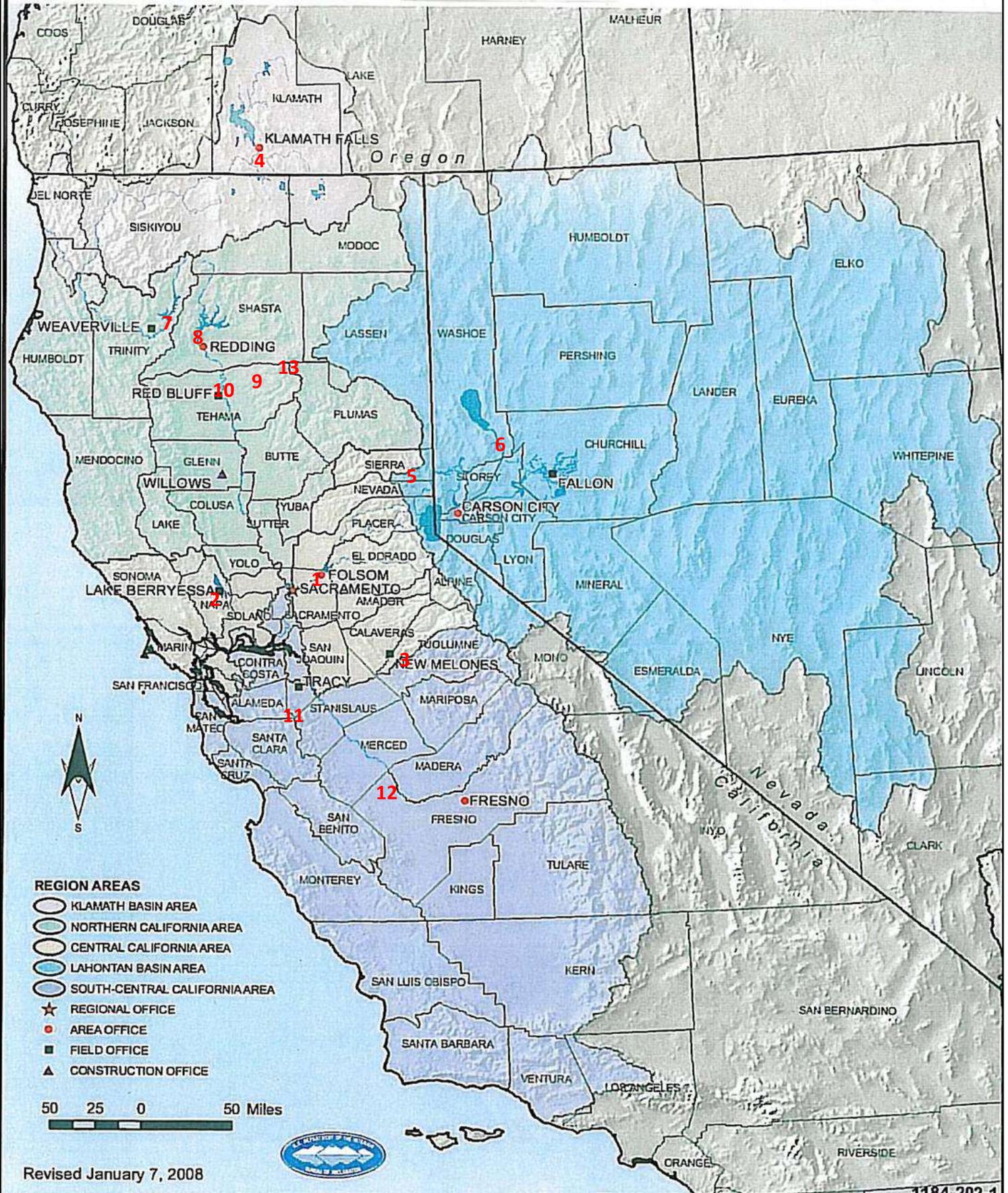
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# Mid-Pacific Region

**RECLAMATION**  
Managing Water in the West



Revised January 7, 2008

1184-202-1

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# STAFFING - MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 41 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
Division of Field Engineering	19
Division of Office Engineering	6
Materials Lab Branch	4

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# GLOSSARY OF ACRONYMS AND ABBREVIATIONS

ACRONYM	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	August	0.0%
	Time Elapsed	95.6%
	Work Completed	95.2%
Contractor Earnings	August	\$0.00
	Previous	\$19,742,130.63
	Total to Date	\$19,742,130.63

**Area Office Project Management**

Project Manager: Jesse Castro, CC-607

**Office Engineering**

Contract Administrator: 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: 12

**Work Performed**

Andritz-Hydro

Connected 500 MCM cable “jumpers” to main and neutral leads to place each of the six parallel circuits in series.

Operated the Mannings dry-out machine and monitored RTD temperatures. They operated the dry-out machine at approximately 700 amps to maintain a winding temperature of approximately 185 degrees Fahrenheit.

Performed insulation resistance and DC ramp tests for each of the six parallel circuits.

Examined the damaged bottom bar (caused by a poor braze) within slot 51 and the surrounding damaged insulation.

Used the Mannings dry-out machine to apply 1,100 amps to parallels T1-A, T2-A, T2-B, T3-A and T3-B.

Removed those top bars within slots 41, 42, 43 and 44 (in preparation for removal and replacement of the bottom bar within slot 51).

**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	August	0.0%
	Time Elapsed	81.7%
	Work Completed	85.3%
Contractor Earnings	August	\$3,527,852.68
	Previous	\$35,740,550.92
	Total to Date	\$39,268,403.60

**Area Office Project Management**

Project Manager: Kyle Keer, CC-108

**Office Engineering**

Contract Administrator: John Zimmerman, MPCO-230

Invoice 22 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through July 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: 84

**Work Performed**

**Excavation Activities**

All excavation has been completed.

**Embankment and Chimney Construction**

Subcontractor, Granite Construction, finished constructing the vertical chimney and embankment to elevation 482.84 feet. Granite also completed placing most of the cobble slope material on the final slope. Subcontractor, F3 Surveyors, conducted pre-final surveys.

**Commercial Material**

Granite Construction finished hauling in commercial sand from Bradshaw Plant this month. No coarse filter material was hauled in this month.

### Toe Drain Activities

Subcontractor, Nor-Cal Pipeline Services, conducted final toe drain pipe inspection for Segments 3, 4, and 5. The Contractor started excavating the v-ditch for the outfall drainage channel.

### Stockpile Processing activities

Subcontractor, Fisher Industries, continued processing at the primary processing plant. Products made at the primary plant were Zone B material, wash-plant feed, and Caltrans Class II aggregate base.

Fisher Industries finished processing fine and coarse filter materials and by-product No. 4 and No. 8 materials at the secondary wash-plant.

Fisher Industries blended the onsite sand and commercial sand at the onsite blending plant to supply the upstream fine filter.

Fisher Industries and Kiewit Construction finished hauling material to and from Kiewit at the JFP Phase 4 site under their material sharing agreement.

### Instrumentation

Suulutaaq finished raising the piezometers, and trenching and installing conduits and pull-boxes on the 464-foot elevation bench and crest. Suulutaaq also started trenching and installing conduits that span the entire crest.

### Water Pollution Control/SWPPP

Suulutaaq continued removing all the stormwater piping and pumps from the site.

The Pre-Final Site Restoration site walk was conducted this month with the California Water Resource Control Board for the purpose of discussing the requirement to receive the Notice of Termination.



### **Mormon Dam Auxiliary Dam Overlay**

**Subcontractor, Delzer Trenching, trenching for the conduits that cross the crest of the dam**

**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	August	0.0%
	Time Elapsed	30.7%
	Work Completed	8.8%
Contractor Earnings	August	\$795,419.00
	Previous	\$189,325.00
	Total to Date	\$984,744.00

**Area Office Project Management**

Project Manager: Jeff Croshal, CC-607

**Office Engineering**

Contract Administrator: John Zimmerman, MPCO-230

Invoice 2 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through July 31, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-317, Mike Manlick, MPCO-313

Number of Contractor Employees: 11

**Work Performed:**

A crew from Alltech’s coating subcontractor, FD Thomas, erected the scaffolding at the upstream and downstream faces of Radial Gate Number 10. Modifications to the original engineering were inspected and approved by the engineer.

FD Thomas’ containment wrapping crew installed the poly shrink-wrap sheeting over the completed scaffolding and installed air filters, vacuum hoses, and decontamination rooms.

Abrasive blasting was performed on the upstream face of the radial gate; after which, Alltech’s iron workers performed pit weld repairs in accordance with the specifications.

After the pit repairs were completed, abrasive blasting was performed on the downstream side of the gate including the blasting of cross members, stiffeners, upper chamber skins, and the trunnion/arm assemblies.

Alltech's crew fabricated the new gate bottom and side seal clamp bars from raw stock. Using these bars as templates, the crew marked each of the bolt holes on the bottom and sides of the new rubber seal, then precisely drilled each of the matching bolt holes.

Traffic controls, temporary fencing, and a detour were erected at the bulkhead storage facility site. Alltech's subcontractor, Blackrock Industries, performed clearing and grubbing with the approval of Reclamation's natural resource specialist. A geotechnical engineer then observed the placement and compaction of subgrade fill. This was followed by the placement and compaction of a one foot layer of aggregate base.

Engineers from ETrac Engineering, Inc. performed the Bathymetric Surveying on the upstream side of the gates in order to obtain the underwater topography of the silt piles in front of Nimbus' radial gates.

The 18 cathodic protection zinc anode assemblies were received at the jobsite, inspected and accepted. Alltech obtained the 18 link pin washers that were to be provided by the Government but were not located in the materials stored at Folsom Dam.



### **Nimbus Dam Radial Gate Repairs, Phase III**

**A millwright marks where each of the downstream guardrail posts will be cut in order to raise the railing**

**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	August	0.0%
	Time Elapsed	100%
	Work Completed	67.1%
Contractor Earnings	August	\$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: Larry Bowman, MPCO-240

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**

There was no onsite work during this period. Work has been suspended until further notice.

**Contract No. R15PC00064**  
**Specification No. 20-C0830**  
**New Melones Lift Station Repairs – East Side Division, Central Valley Project, California**  
**Gold Electric, Inc., Murphys, CA**

Work Performed	August	2.3%
	Time Elapsed	68.9%
	Work Completed	2.3%
Contractor Earnings	August	\$0.00
	Previous	\$8,602.00
	Total to Date	\$8,602.00

**Project Management**

Project Manager: William Vanderwaal

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

No invoice was received during this period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contractor Employees: 0

**Work Performed**

No onsite work was performed during this period.

**Contract No. R15PC00090**  
**Specification No. 20-C0840**  
**Nimbus Fish Hatchery 16-inch Pipeline Replacement – American River Division, Central Valley Project, California**  
**Contractor Services Group, Inc., West Sacramento, CA**

Work Performed	August	0.0%
	Time Elapsed	39.3%
	Work Completed	0.0%
Contractor Earnings	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: Jose Santana, CC-107

**Office Engineering**

Contract Manager: Amber Pierce, MPCO-205

No invoice was received during this period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

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

Number of Contractor Employees: 11

**Work Performed:**

**Contract**

The Contractor’s crew removed the concrete stemwall around the 16” steel pipes where they enter their respective floor troughs. The recast ends of each trough will allow the flanges and butterfly valves to be installed in a position that keeps the operator nut accessible.

The laborers relocated the fish tubs; using manual hydraulic jacks in order to access the 16-inch pipe troughs, facilitating the pipe removal activities.

**Mod 001**

The lead remediation subcontractor removed an 18-inch section of paint coatings from the four support columns on the east side of the building. The crew cleaned the rust and corrosion scale from each of the lower pipe sections and I-beam supports.

The lead remediation subcontractor cut, removed, and hauled-off the angle iron that lines each side of the top of the building’s east side concrete pipe trough.

The lead remediation subcontractor performed the 16-inch pipe cutting and disassembly, of the pipe and pipe support, and hazardous waste clean-up from the east side concrete trough. Torch cutting was used to make pipe sections controllable. A sample of the concrete lining was removed, tested, and cleared for removal as non-hazardous waste. Both of the 16-inch pipelines were cut off at the point of connection for the new butterfly valves. All of the removed materials were delivered to a local metal recycler. A Reclamation physical scientist inspected and approved waste manifests for the removal of small quantities of hazardous material from the site. The work area was vacuumed and wiped down, and then tested to confirm all hazardous material had been removed.

The subcontracted welder fabricated sections of the z-angle iron support running the length on each side of the concrete pipe troughs. Two Contractor Services Group (CSG) laborers measured and drilled bolt holes in the z-angle iron. A CSG engineer picked up the fabricated z-angle iron and transported it to the painting subcontractor for coating.

The CCAO project manager examined inside of the 16-inch concrete lined steel pipes that enter the building. There were no signs of visible damage apparent in the concrete lining of either pipe.



**Nimbus Fish Hatchery 16" Pipeline Replacement**

**The 16-inch concrete lined steel pipe is removed from the trough after being cut into manageable sections.**

**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	August	0.0%
	Time Elapsed	48.8%
	Work Completed	2.7%
Contractor Earnings	August	\$0.00
	Previous	\$149,508.80
	Total to Date	\$149,508.80

**Area Office Project Management**

Project Manager: Jesse Castro, CCO-607

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

This contract was awarded on September 19, 2014 in the amount of \$1,816,216.00. Additional funds were obligated to this contract this reporting period in the amount of \$3,449,671.00.

No invoice was received during this period.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Benjamin Richburg, MPCO-318

Number of Contractor Employees: 0

**Work Performed:**

No onsite work was performed during this period.

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# **Klamath Basin Area Office**

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**Contract No. R15PC00080**  
**Specification No. 20-C0836**  
**Klamath Basin Area Office Sewer Lift Station, Klamath Basin**  
**Area Office, Oregon**  
**Andrews Contracting Services, LLC, Vancouver, WA**

Work Performed	August	0.0%
	Time Elapsed	2.1%
	Work Completed	0.0%
Contractor Earnings	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Project Management**

Project Manager: William Vanderwaal, MPCO-122

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

The Notice to Proceed was issued on August 25, 2015  
The Post-award Conference was held on August 25, 2015

**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.

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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	August	5.0%
	Time Elapsed	85.9%
	Work Completed	62.2%
Contractor Earnings	August	\$335,185.02
	Previous	\$1,048,833.85
	Total to Date	\$1,048,833.85

**Area Office Project Management**

Project Manager: Locke Hahne, LO-400

**Office Engineering**

Contract Manager: Amber Pierce, MPCO-205

Invoice No. 4 was received during this period for work that was performed from May through the beginning of August, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-314; Art Carvajal, LC-6550

Number of Contractor Employees: 4

**Work Performed**

Knight Construction re-mobilized to the project on August 24, 2015, and prepared the site and personnel for continuing the onsite work. The Contractor had an onsite pre-construction work and safety meeting prior to the work starting.

The Contractor delivered the gate leafs to the jobsite.

The hydraulic oil was pumped out of the reservoir for transporting off site.

Preparation of the babbits and the frame seat slots was the majority of work performed this month.

The frame seat bars were manufactured longer to machine to fit at the site.

The seat bars were machined to fit the frame seat slots.

The machinist left the site at the end of the first week.

Gate leafs 1 and 2 were lowered into the gate chamber.

Water continued to be pumped out of the lake to the river through the 18-inch bypass HDPE pipe.



**Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates**  
This photo shows the bottom of the gate opening and the babbitt protection on Gate 2.



**Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates  
Contractor crew checking the tolerances on the gate seat in the frame slot.**



**Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates  
Crew members machining the frame seat bars to a precise fit.**

**Contract No. R15PC00337**  
**Specification No. 20-C0842**  
**Marble Bluff Dam Spillway Repair – Stampede Division, Washoe Project, California**  
**Tompco, Inc., Seabeck, WA**

Work Performed	August	9.4%
	Time Elapsed	40.9%
	Work Completed	9.4%
Contractor Earnings	August	\$55,247.00
	Previous	\$0.00
	Total to Date	\$55,247.00

**Area Office Project Management**

Project Manager: Locke Hahne, LO-400

**Office Engineering**

Contract Administrator: John Zimmerman, MPCO-230

Invoice 1 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through July 23, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Gustavo Aguilera, MPCO-337

Number of Contract Employees: 9

**Worked Performed:**

The Contractor performed demolition of the dentates and damaged portion of the concrete apron slab between the forth and ninth rows on the spillway. The areas were cleaned of debris, pressure washed, and the formwork installed leaving the surfaces prepared for new concrete. By August 20, 2015 the Contractor had finished contract work on the concrete apron slab and Dentates D-6, D-7, E-7, E-9, F-4, F-8, G-5 through G-9, H-4, and the added small dentate G-1.

On August 21 the Contractor started to work on the concrete apron slab in front of the sluiceway and dentates from rows 9 through 13. The demolition and cleaning activities were repeated on these dentates in preparation for the next concrete placement scheduled for Tuesday, September 1. By August 31, Dentates D-9 through D-11, E-11, F-11, H-10, G-12, and G-13 were clean with the formwork in place and ready for the concrete placement on September 1.



**Marble Bluff Dam Spillway Repair  
Dentate G-13 ready for placement**

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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	August	0.0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	August	\$0.00
	Previous	\$11,689,489.79
	Total to Date	\$11,689,489.79

**Area Office Project Management**

Project Manager: Joe Ascoli

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

No invoice was received this period.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 16

**Work Performed:**

No onsite work was performed during this period.

**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	August	0.0%
	Time Elapsed	100.0%
	Work Completed	39.4%
Contractor Earnings	August	\$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: Kevin Jacobs, MPCO-214

No invoice was received during this period.

**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	August	0.0%
	Time Elapsed	37.7%
	Work Completed	0.6%
Contractor Earnings	August	\$0.00
	Previous	\$0.00
	Total to Date	\$11,504.00

**Area Office Project Management**

Project Manager: Jeff Gifford

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

No invoice was received during this period.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 0

**Work Performed:**

No onsite work was performed during this period.

**Contract No. R15PC00089**  
**Specification No. 20-C0831**  
**Intake 3 Screen Extension, Coleman National Fish Hatchery, CA**  
**Contractor Services Group, Inc., West Sacramento, CA**

Work Performed	August	0.0%
	Time Elapsed	5.0%
	Work Completed	0.0%
Contractor Earnings	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

The Notice to Proceed was issued on August 4, 2015

The Post-award Conference was held on August 4, 2015

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 0

**Work Performed**

No onsite work was performed during this period.

**Contract No. R15PC00102**  
**Specification No. 20-C0839**  
**Keswick Fish Trap Brail Replacement, Keswick Dam, CA**  
**E.C. Smith, Inc., Anderson, CA**

Work Performed	August	0.0%
	Time Elapsed	13.0%
	Work Completed	0.0%
Contractor Earnings	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: Laurie Larson, NC-211

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Notice to Proceed was issued August 14, 2015

Post-award Conference was held August 14, 2015

**Field Engineering**

Construction Manager: Stephen Holmes, MPCO-300

Construction Representative: Jason Foust, MPCO-325

Number of Contract 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	August	0.0%
	Time Elapsed	86.5%
	Work Completed	86.6%
Contractor Earnings	August	\$0.00
	Previous	\$777,278.42
	Total to Date	\$777,278.42

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

No invoice was received during this period.

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando 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.

**Contract No. R11PC2023S**  
**Specification No. None**  
**Red Bluff Diversion Dam, Fish Passage Improvement Project**  
**Terrestrial Mitigation – Sacramento River Division, Central Valley**  
**Project, California**  
**Tehama Environmental Solutions, Inc., Red Bluff, California**

Work Performed	August	0.0%
	Time Elapsed	56.4%
	Work Completed	96.1%
Contractor Earnings	August	\$0.00
	Previous	\$4,668,227.91
	Total to Date	\$4,668,227.91

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

**Office Engineering**  
Contract Manager: Kevin Jacobs, MPCO-214

No invoice was received during this period.

**Field Engineering**  
Construction Manager: Randy Wyatt, MPCO-305  
Construction Representative: Fernando 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.

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# **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	August	6.0%
	Time Elapsed	89.5%
	Work Completed	75.5%
Contractor Earnings	August	\$808,685.44
	Previous	\$9,423,471.72
	Total to Date	\$10,232,157.16

**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. 19 was processed during this period for work performed during the month of July 2015.

**Field Engineering**

Construction Manager: Stephen Holmes, MPCO-320

Construction Representative: David Derk, MP-334

Number of Contractor Employees: 20

**Work Performed**

Contra Costa Electric, Inc.:

Completed the installation of the two bus duct runs, both size between all four buildings.

Completed the connections except for five flexible connections.

Installed the last cross beams on the upper level of the structural steel support structure.

Removed the clearance on transformer KY8A to energize building 8A and B15 through the tie breaker.

Made Fish Facility power feeder connection to building B15.

Removed old cables from both unit substations and replaced with new cables.

Completed the terminations on both ends of the new cables at both substations.

Started commissioning Buildings 8A and B15

Subcontractor Power Pros tested the completed bus between installed buildings 8A and B15, re-installed relay settings, and commissioned building 8A.

Subcontractor Conxtech adjusted an extra support beam for the vertical bus ducts at building B15.

Subcontractor Baier Heatin and Air fixed the HVAC unit on building 8A.



**Tracy 13.8kV Switchgear/Breaker Replacement**  
**Looking East from building 6A at the top of the structural steel support structure**  
**showing both 2000A bus duct on the top level and 4000A bus duct on the bottom**  
**level**

**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	August	0.0%
	Time Elapsed	99.3%
	Work Completed	91.1%
Contractor Earnings	August	\$0.00
	Previous	\$22,166,743.11
	Total to Date	\$22,166,743.11

**Area Office Project Management**

Project Manager: Sheryl Carter, SCC-105

**Office Engineering**

Contract Administrator: Casandra Arthur, MPCO-245

No invoice was received during this period.

Modification No. 17 was executed on August 24, 2015.

**Field Engineering**

Onsite Government Representative: Casey Arthur, MPCO-245

Number of Contractor Employees: 5

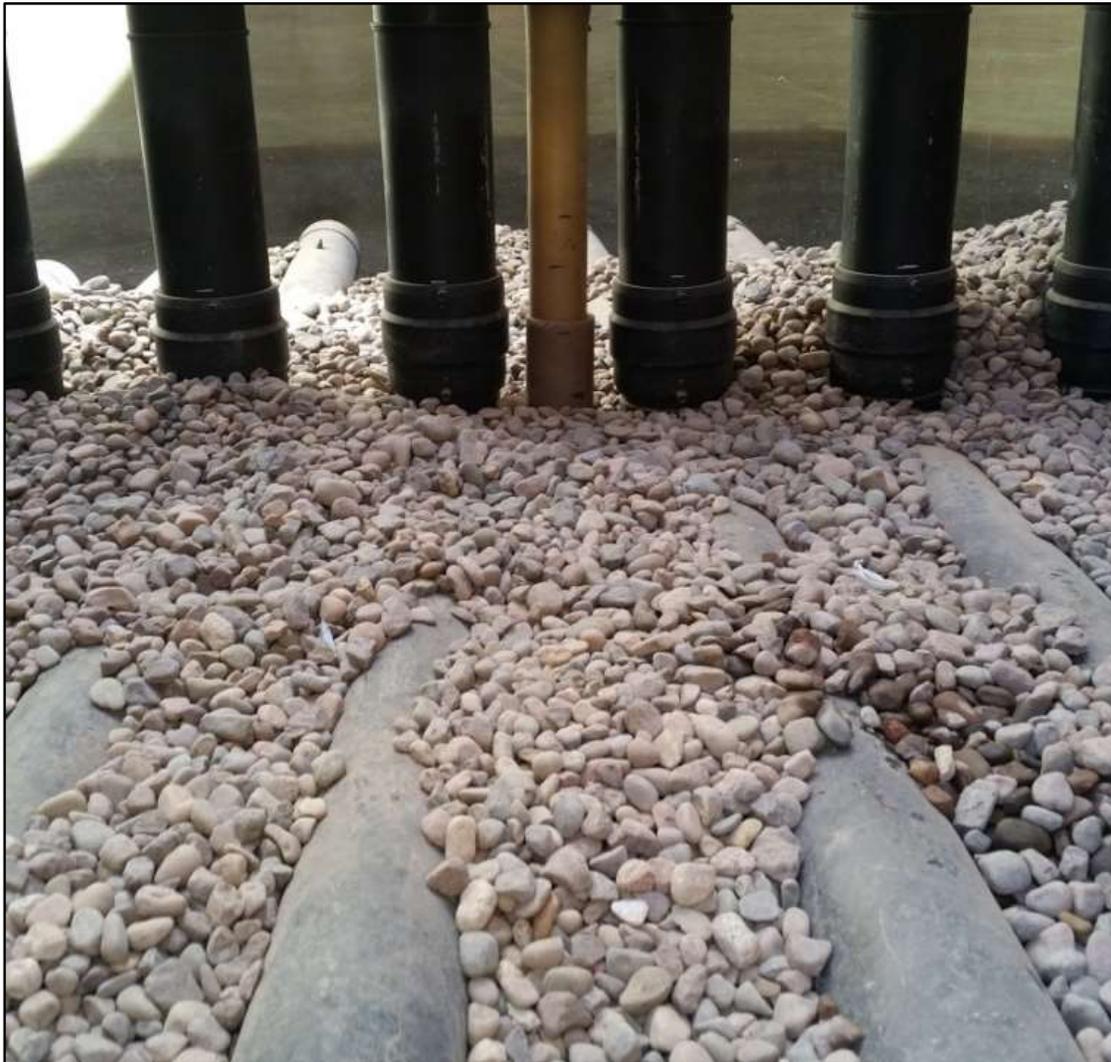
**Work performed**

Onsite construction work for Unilateral Modifications 0013 and 0016 began.

Piping modification in pretreatment area including replacing sections of the steel piping, modifying the existing raw water lines to become the Advanced Biological Metals Removal (ABMet) System feed pipe and plate setter feed pipe, and installing valves.  
Piping modification in the ABMet piping area including installing connections to ABE lines and ROC piping.  
Installation of chlorine tote and tank for Mod 0014.  
Installation of gravel media in ABMet First Stage Bioreactors.  
Forming the new tank and pump equipment pads in preparation for concrete placement.

GE Water and Power Field Service Representatives (FSRs) conducted equipment inspections on process systems to prepare for plant restart.

Water Dynamics continued backwashing the ABMet System and assisting SCG crew and GE FSRs as necessary.



**San Luis Demonstration Treatment Plant  
Installation of gravel media in the Advanced Biological Metals Removal First  
Stage bioreactor tanks.**



**San Luis Demonstration Treatment Plant  
Forming of new tank and pump equipment pads.**



**San Luis Demonstration Treatment Plant  
Installation of new piping in the pretreatment area.**

**Contract No. R14PC20096**  
**Specification No. 20-C0816**  
**P&H Building Temporary Retrofit – Tracy Fish Collecting Facility,**  
**Delta Division, Central Valley Project, California**  
**Chigosi Company, San Diego, CA**

Work Performed	August	0.0%
	Time Elapsed	40.9%
	Work Completed	83.6%
Contractor Earnings	August	\$0.00
	Previous	\$132,355.00
	Total to Date	\$132,355.00

**Area Office Project Management**

Project Manager: Brian Shinmoto, TO-432

**Office Engineering**

Contract Administrator: John Zimmerman, MPCO-230

No invoice was received this period.

**Field Engineering**

Construction Manager: Stephen Holmes, MPCO-320

Construction Representatives: David Derk, MPCO-334

Number of Contractor Employees: 3

**Work Performed**

On August 5, 2015, three heat and air conditioning workers from Virginia Mechanical installed the new split system air conditioning unit onto the existing concrete slab outside the northwest corner of the building and installed the exhaust unit and thermostat inside the office. After completing all piping and electrical work, the workers charged the unit and turned it on for testing per the specifications. The system passed the tests - there were no leaks, noise, and the room temperature was lowered 20° Fahrenheit cooler than the outdoor temperature.

At David Derk’s request, the superintendent used sealant to seal both exterior wall penetrations.

As of August 5, 2015, the contractor completed all site work.



**Tracy P&H Building Temporary Retrofit  
Virginia Mechanical workers installing the exhaust unit on the office wall**

# **Mid-Pacific Regional Office**

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**Contract No. R14PC00131**  
**Specification No. C0821**  
**North Fork Screens and Ladders Gate Modulations - Battle Creek**  
**Salmon and Steelhead Restoration Project, California**  
**Tesco Controls, Inc., Sacramento, CA**

Work Performed	August	0.0%
	Time Elapsed	100%
	Work Completed	97.0%
Contractor Earnings	August	\$0.00
	Previous	\$377,419.13
	Total to Date	\$377,419.13

**Area Office Project Management**

Project Manager: Mary Marshall, MP-203

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Reviewed level sensor replacement options with PG&E.

**Field Engineering**

Construction Manager: Stephen Homes, MPCO-320

Construction Representative: Jeffrey Kelly, MPCO-322

Number of Contractor Employees: 0

**Work Performed**

No onsite work was performed during this period.

The level sensors need to be replaced; Reclamation is working with PG&E to come up with a solution as to what kind of sensors will replace the existing.

**Contract No. R15PC00050**  
**Specification No. CO829**  
**Safety and Facility Access Improvements - Hydropower Facility**  
**Modifications - Battle Creek Salmon and Steelhead Restoration**  
**Project, California**  
**Titan/Meyers JV, Redding, CA**

Work Performed	August	0.0%
	Time Elapsed	42.0%
	Work Completed	0.0%
Contractor Earnings	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: Mary Marshall, MP-203

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals

**Field Engineering**

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jeffrey Kelly, MPCO-322

Number of Contractor Employees: 21

**Work Performed:**

PG&E site specific training and Lock-Out/Tag-Out training was provided to the crew before starting work. JHA's for mobilization, clearing and grubbing, material handling, and equipment fueling were conducted and reviewed. Daily toolbox meetings were held prior to the start of each shift. Heat illness was discussed in detail. CALFIRE visited the site to assess access and services.

Weekly safety walk-throughs were conducted by the contractor retained safety professional. Site specific confined space safety training was conducted before the sediment removal from the 72" RCP.

Reclamation environmental consultant performed a preconstruction wildlife survey to look for threatened species. The contractor's retained QSD was onsite to make recommendations for the installation and adjustment of BMP's to comply with the Storm Water Pollution Prevention Plan and 401 permits and prevent runoff.

The CAT 345, JD 350 and CAT 325E excavators were used to complete the excavation of the Coleman canal. The excavation for the Coleman canal is 100% complete. Excavation for the grading of the upper jump basin began during this shift. The upper jump excavation is 60% complete. The excavation for the Eagle Canyon access ramp, access walkway, waste-way operator slab and the drainage ditch were also completed during this period.

Dewatering operations continued during this period. Electric pumps were set up to run continuously to control ground water entering the excavation. A 4" trash pump was used to remove water and fill the 11,000 gallon Baker tank and 12,000 gallon Klein tank. A hard line system was set up to discharge the water into Coleman canal. Before the hardline system was completed the water removed from the excavation was dispersed over the site using two water trucks. De-watering operations continued for the duration of the work in Coleman canal. Installation of the concreted RSP was completed this period. Laborers installed the geotextile fabric for the RSP. Light class riprap placed by the CAT 329E excavator with bucket and thumb attachment. The Kawasaki 65 loader was used to feed the riprap to the CAT 329E. The PVC weep-holes were capped and wrapped then installed in the slope and the invert of the canal at 10' horizontal spacing and 3' vertical spacing. Riprap was placed by hand around the weep-holes to avoid damage. The placement of the riprap is 100% complete. 254 cubic yards of grout were placed.



**Safety and Facility Access Improvements - Hydropower Facility Modifications -  
Battle Creek Salmon and Steelhead Restoration Project  
Concrete placement for the access ramp into Coleman Canal**

# **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.

**R10PC20767 20-C0703 Folsom Power Plant U1, U2, and U3 Replacement Runners:** There was no Office Engineering Administrative activity during this period. 2-year warranty period began January 28, 2015 and will end January 27, 2017

**R13PC20143 20-C0803 North Battle Creek Feeder Dam Access Road Completion**  
There was no Office Engineering Administrative activity during this period. 1-year warranty period began March 3, 2015 and will end March 2, 2016

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

**R14PC00136 20-C0795 Folsom Dam Civil Maintenance Shops – Building Demolition:** There was no Office Engineering Administrative activity during this period. 1-year warranty period began March 20, 2015 and will end March 20, 2016.

**R14PC00138 No Spec. No. Pivot Gate System, Klamath Basin Area Office**  
There was no Office Engineering Administrative activity during this period. 1-year warranty period began May 8, 2015 and will end May 7, 2016.

**R14PC00083 20-C0823 Marble Bluff Dam, Asphalt Pavement Rehabilitation**  
There was no Office Engineering Administrative activity during this period. 1-year warranty period began May 26, 2015 and will end May 27, 2016.