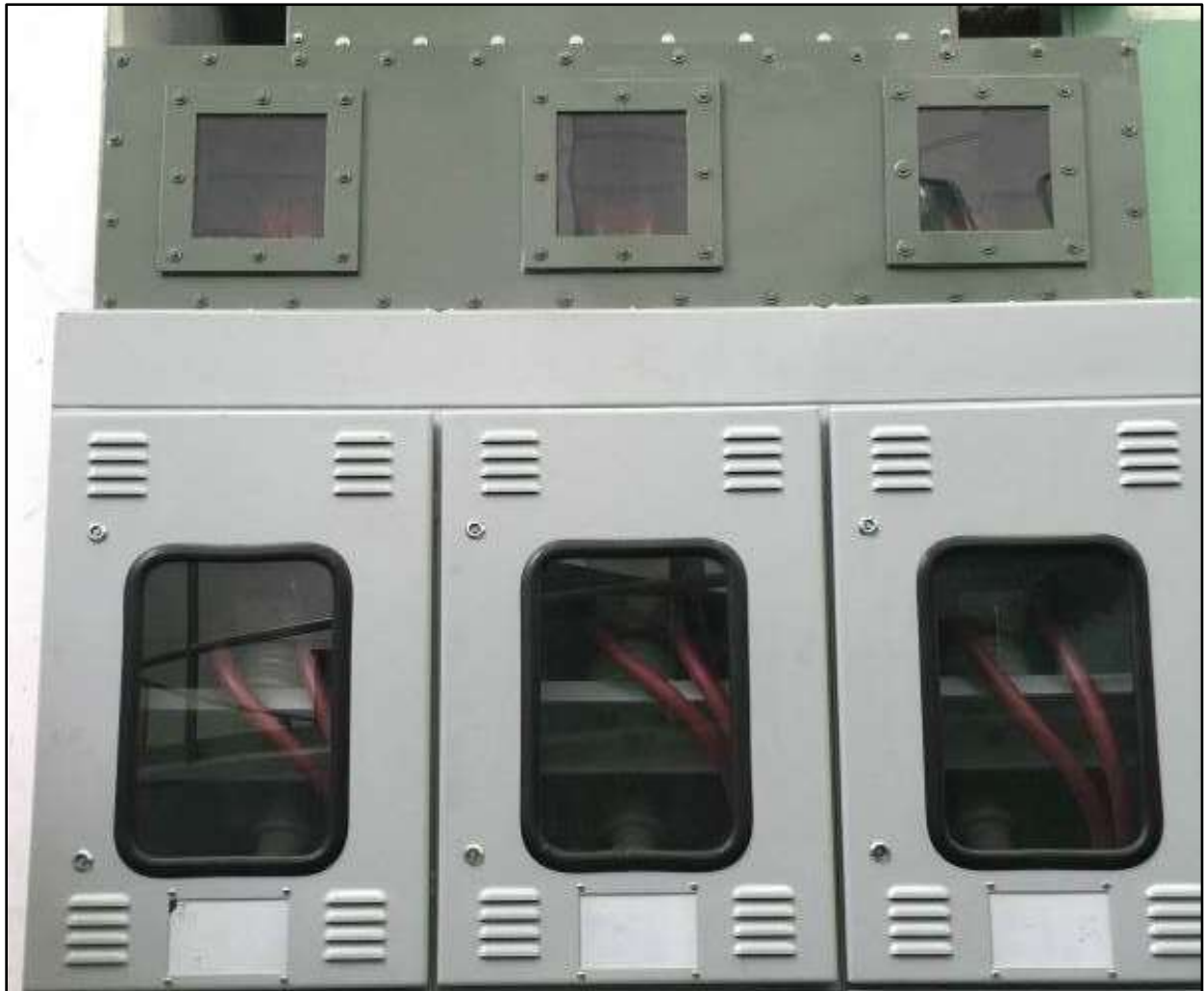


# RECLAMATION

*Managing Water in the West*

**MID-PACIFIC CONSTRUCTION OFFICE**  
**Willows, California**

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



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

February 2016

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# CONSTRUCTION PROGRESS REPORT (L-29)

## MID-PACIFIC CONSTRUCTION OFFICE

### MID-PACIFIC REGION

### FEBRUARY 2016

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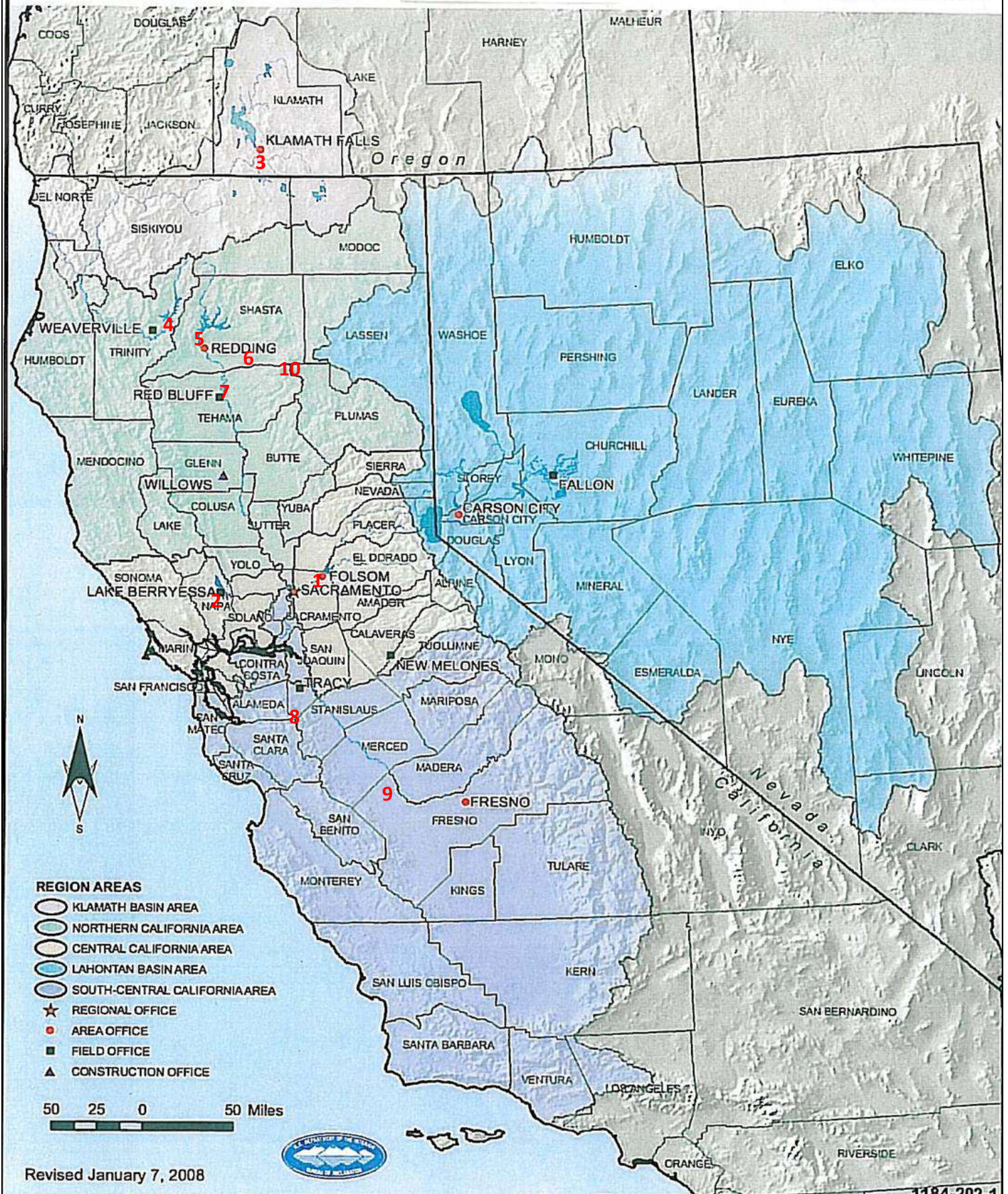
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# Mid-Pacific Region

**RECLAMATION**  
Managing Water in the West



Mid-Pacific Region Area Map  
Areas Where Work is Performed



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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	6
Division of Field Engineering	20
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	February	0.6%
	Time Elapsed	100%
	Work Completed	96%
Contractor Earnings	February	\$0.00
	Previous	\$19,877,683.69
	Total to Date	\$19,877,683.69

**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.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314.

Number of Contractor Employees: 5

**Work Performed:**

Andritz Hydro confirmed measurements and assembled the U2 nonsegregated AC Bus within the powerplant (outside the air housing) in preparation for installation. The Contractor also loaded a semi-truck with the following equipment for removal: heaters, two welders, two flammable cabinets, electrical disconnects, smoke eaters, conduit bender, Unit 3 single wire beam.

Reclamation operated Unit 3 on several occasions this month without incident.

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

Work Performed	February	1.7%
	Time Elapsed	94.0%
	Work Completed	91.7%
Contractor Earnings	February	\$816,416.05
	Previous	\$44,195,520.41
	Total to Date	\$45,011,936.46

**Area Office Project Management**

Project Manager: Kyle Keer, CC-108

**Office Engineering**

Contract Administrator: Rick Weissenborn, MPCO-200

Invoice No. 26 was received this reporting period in the amount of \$816,416.05 for work performed from October 2015 to December 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Sean Frische, MPCO-317; Zahid Wazid, MPCO-349

Number of Contractor Employees: 3

**Work Performed**

Contractor Suulutaaq continued stormwater pollution prevention activities, completed required submittals, and continued to work on punchlist items.

**Contract No. R14PC00096**  
**Specification No. 20-C0816**  
**Nimbus Dam Radial Gate Repairs Phase III – Nimbus Dam,**  
**American River Division, Central Valley Project, California**  
**Alltech Engineering Corp, Mendota Heights, MN**

Work Performed	February	2.1%
	Time Elapsed	44.7%
	Work Completed	41.1%

Contractor Earnings	February	\$238,712.86
	Previous	\$4,361,911.35
	Total to Date	\$4,600,624.21

**Area Office Project Management**

Project Manager: Jeffery Croshal, CC-611

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Invoice Number 8 was received this reporting period in the amount of \$238,712.86 for work performed in January 2016.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 12

**Work Performed**

**Building Foundation**

Brest Painting cleaned, prepped, and applied the floor hardener in accordance with the manufacturer's instructions. Champion Contractors set forms and wire reinforcement, and, using a concrete pump, placed and finished the concrete driveway and drive apron. Reclamation's lab technician performed quality assurance testing on the concrete mix and cast four cylinders for testing.

**Earthwork**

Blackrock Industries completed the rough-in portion of the final grading using fill material to back the concrete flatwork and contour the final grading and drainage pattern.

**Building Erection**

Brest Painting coated the man-door and door frame applying the two part Amerlock epoxy paint with an airless sprayer.

### **Ornamental Iron Fence & Gate**

Arrow Fence installed much of the ornamental iron fencing. The fence posts were set in concrete and the crew welded each of the fence panels in place. The slide gate and hardware were also installed. Approximately 60 percent of the perimeter fencing was installed by the end of February.

### **Gate #14**

#### **Install Gate Seals and Gate Shoes**

AllTech fabricated new bottom and side seal clamp bars. Bolt holes were drilled and reamed. Each clamp bar was detailed prior to the blasting and coating operation.

#### **Install Scaffolding and Gate Supports**

Platinum Scaffolding delivered and erected the scaffolding components on the upstream and downstream sides of Gate 14. AllTech inspected and confirmed compliance with the approved engineering specifications. The structure was labeled with a green tag showing that the scaffolding was ready for use.

#### **Install Containment**

FD Thomas' crew mobilized in preparation to install the containment on the just completed scaffolding. Work consisted of staging materials and reviewing the containment plan.

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

Work Performed	February	0.0%
	Time Elapsed	100%
	Work Completed	63.6%
Contractor Earnings	February	\$0.00
	Previous	\$663,018.34
	Total to Date	\$663,018.34

**Area Office Project Management**

Project Manager: Peter Funkhouser, CC-440

**Office Engineering**

Contract Manager: Larry Bowman, MPCO-240

No Invoice was received this reporting 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 was performed during this period. Work has been suspended until further notice.

**Contract No. R15PC00132**  
**Specification No. 20-C0845**  
**Lake Berryessa Putah Canyon Drinking Water Well, Solano**  
**Project, California**  
**Woodward Drilling Company, Rio Vista, CA**

Work Performed	February	14%
	Time Elapsed	95.6%
	Work Completed	78%

Contractor Earnings	February	\$16,740.00
	Previous	\$77,466.77
	Total to Date	\$94,206.77

**Area Office Project Management**

Project Manager: Peter Funkhouser, CC-440

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Invoice Number 3 was received this reporting period in the amount of \$16,740.00, for work performed between December 30, 2015 and January 31, 2016.

The contract was suspended on November 23, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contractor Employees: 0

**Work Performed**

No onsite work was performed during this period.

**Contract No. R14PC00125**

**Specification No. None**

**Folsom Temporary Pump Station – American River Division,  
Central Valley Project, California**

**Contractor Services Group, Inc., West Sacramento, CA**

Work Performed	February	5.9%
	Time Elapsed	100%
	Work Completed	74.9%

Contractor Earnings	February	\$322,330.01
	Previous	\$3,741,562.91
	Total to Date	\$4,063,892.92

**Area Office Project Management**

Project Manager: Jose Santana, CC-607B

**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 since the award and have increased the contract value to \$5,424,674.92.

Invoice Number 8 was received this reporting period, in the amount of \$322,330.01, for work performed from January 16, 2016 to February 11, 2016..

Contract was substantially complete on October 2, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Benjamin Richburg, MPCO-318

Number of Contractor Employees: 1

**Work Activities:**

The contractor began removing the dewatering equipment from the project site and putting it into storage at the Central California Area Office yard. Following equipment removal, the contractor started and completed demobilizing from the job site.

**Contract No. R15PD00728**  
**Order No. GS-07F-0611F**  
**Modular Office Building - Folsom Dam Resources Building**  
**Replacement, Folsom Unit, American River Division, Central**  
**Valley Project, California**  
**Design Space Modular Buildings, Dixon, CA**

Work Performed	February	0.6%
	Time Elapsed	93%
	Work Completed	0.0%
Contractor Earnings	February	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: David Nguyen, CCAO-FOO

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

This contract was awarded on July 17, 2015 in the amount of \$711,548.00.

No invoice was received this reporting period.

Modification No. 001 was executed this month extending the contract completion date to April 5, 2016, which has added 44 days to the contract.

**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.



# **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, Klamath Falls, Oregon**  
**Andrews Contracting Services, LLC, Vancouver, WA**

Work Performed	February	0.0%
	Time Elapsed	59%
	Work Completed	1%
Contractor Earnings	February	\$0.00
	Previous	\$0.00
	Total to Date	\$5,984.11

**Area Office Project Management**

Project Manager: William Vanderwaal, MPCO-122

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Modification No. 0002, Time Extension was executed this month extending the contract completion date to July 15, 2016 which has added 60 days to the contract

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Russell Davies, MPCO-341

Number of Contractor Employees: 6

**Work Performed**

**Coordination Meetings**

Weekly coordination meetings with Reclamation and Contractor staff occurred every Thursday at 2:00 PM.

**Underground Utility Location**

Personnel from Locating, Inc. were onsite to locate and mark out the locations of the underground utilities that exist in the vicinity of the proposed forced sewer main alignment. Some marks were made on durable surfaces using spray paint. Where soil surfaces were encountered, both paint and grade lathe were used.

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# **Lahontan Basin Area Office**

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**There were no active contracts in this area during this period.**

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# **Northern California Area Office**

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

Work Performed	February	0.0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	February	\$0.00
	Previous	\$11,689.489.79
	Total to Date	\$11,689.489.79

**Area Office Project Management**

Project Manager: Joe Ascoli, NC-650

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

No Invoice was received during this period.

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Stephen Holmes, MPCO-320

**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	February	10.2%
	Time Elapsed	78.5%
	Work Completed	73.1%

Contractor Earnings	February	\$227,951.32
	Previous	\$1,408,971.56
	Total to Date	\$1,636,922.88

**Area Office Project Management**

Project Manager: Jeff Gifford, NC-620

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

Invoice Number 4 was received during this period for work performed up to February 2016.

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 5

**Work Performed**

The Contractor performed asbestos and lead testing. The Contractor also performed demolition of existing equipment, painted transformers and take-off structures, and installed the new bus.

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

Work Performed	February	0.0%
	Time Elapsed	36%
	Work Completed	0.0%
Contractor Earnings	February	\$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

Review and processed Request for Change No. 1, Submersible Pump 10-inch Shroud.

Review and processed Request for Change No. 2, New Fish Screen Frames.

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

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	February	0.0%
	Time Elapsed	87.9%
	Work Completed	92.9%
Contractor Earnings	February	\$0.00
	Previous	\$800,343.56
	Total to Date	\$800,343.56

**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: Brian Wagner, MPCO-300

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.

No onsite work was performed during this period.

**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	February	0.0%
	Time Elapsed	65%
	Work Completed	97.8%
Contractor Earnings	February	\$0.00
	Previous	\$4,753,929.37
	Total to Date	\$4,753,929.37

**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: Brian Wagner, MPCO-300

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 2011.

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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	February	0.0%
	Time Elapsed	100%
	Work Completed	89%
Contractor Earnings	February	\$0.00
	Previous	\$12,079,403.44
	Total to Date	\$12,079,403.44

**Area Office Project Management**

Project Manager: William Dutton, TO-435

**Office Engineering**

Contract Manager: Amber Pierce, MPCO-205

**Field Engineering**

Field Engineer: Stephen Holmes MPCO-320

Number of Contractor employees this month: 0

**Work Performed**

Two coordination meetings were held during this period to review submittals associated with the upcoming work. The Contractor demobilized from the job site until further work is to be performed.

**Contract No. R13PC20508**  
**Specification No. 20-C0788**  
**San Luis Demonstration Treatment Plant – San Luis Unit, West**  
**San Joaquin Division, Central Valley Project, California**  
**Slayden Construction Group, Inc., Stayton, OR**

Work Performed	February	0.0%
	Time Elapsed	100%
	Work Completed	93.8%

Contractor Earnings	February	\$314,104.35
	Previous	\$23,311,349.02
	Total to Date	\$23,625,453.37

**Area Office Project Management**

Project Manager: Sheryl Carter, SCC-105

**Office Engineering**

Contract Administrator: Casandra Arthur, MPCO-111

Invoice Number 28 was received and forwarded to Denver's finance office for payment. It was not for work completed in this period, but for work completed through December 31, 2015. No modifications were executed during this period.

**Field Engineering**

Onsite Government Representative: Casey Arthur, MPCO-111

Contract Control Representative: Sean Hill, MPCO-328

Number of Contractor Employees: 6

**Work performed:**

Onsite construction work for Unilateral Modifications 0013 and 0016 continued.

Slayden Construction Group's onsite carpenter continued minor pumping activities and assisting Water Dynamics with process system restart activities as necessary.

General Electric's Water and Power Field Service Representatives (FSRs) continued advanced biological metals removal (ABMet) system operations. The plate settler and ultra-filtration (UF) systems operations were halted based on jar testing to determine the cause of increased turbidity between the ABMet and plate settler systems.

Water Dynamics operators continued to assist the General Electric FSRs with startup and operational activities. Water samples of ABMet effluent are being tested for selenium, nitrate, and hardness. ORP and pH measurements are being recorded daily.

Con J Franke Electrical continued installing electrical conduit and wiring for additional turbidity, pH/temp, and chlorine instruments (Modification 0013) in the pretreatment area.



**San Luis Demonstration Treatment Plant**  
**Photo of piping modifications on the ABMet Interstage Tank**

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# **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	February	0.0%
	Time Elapsed	100%
	Work Completed	97%

Contractor Earnings	February	\$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

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Jeffrey Kelly, MPCO-322

Number of Contractor Employees: 0

**Work Performed**

No on-site work was performed during this period.

**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	February	0.0%
	Time Elapsed	92%
	Work Completed	93%
Contractor Earnings	February	\$0.00
	Previous	\$539,997.08
	Total to Date	\$539,997.08

**Area Office Project Management**

Project Manager: Mary Marshall, MP-203

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Jeffrey Kelly, MPCO-322

Number of Contract Employees: 0

**Work Performed**

No on-site work was performed during this period.

# **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. The 5-year warranty for K1A extended to January 30, 2016, and that for K2A extends to January 4, 2017.

**R10PC20767 20-C0703 Folsom Power Plant U1, U2, and U3 Replacement Runners:** There was no Office Engineering Administrative activity during this period. The 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. The 1-year warranty period began March 3, 2015, and will end March 2, 2016

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

**R14PC00138 No Spec. Number Pivot Gate System, Klamath Basin Area Office:** There was no Office Engineering Administrative activity during this period. The 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. The 1-year warranty period began May 28, 2015, and will end May 27, 2016.

**R14PC20096 20-C0816 P&H Building Temporary Retrofit, Tracy Fish Collecting Facility:** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began August 4, 2015 and will end August 5, 2016.

**R15PC00337 20-C0842 Marble Bluff Dam Spillway Repair, Washoe Project, Nevada:** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on October 1, 2015, and will end September 30, 2016.

**R13PC20088 20-C0808 Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates, Stampede Division, Washoe Project, California;** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on November 7, 2015, and will end November 6, 2016.

**R15PC00090 20-C0840 Nimbus Fish Hatchery 16-inch Pipeline Replacement, Central Valley Project, California:** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on October 23, 2015, and will end on October 22, 2016.

**R15PC00064 20-C0830 New Melones Lift Station Repairs – East Side Division, Central Valley Project, California:** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on October 23, 2015, and will end on October 22, 2016

**R15PC00102 No. 20-C0839 Keswick Fish Trap Brail Replacement, Keswick Dam, California** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on December 21, 2015 and will end on December 20, 2016.

**R13PC20172 No. 20-C0817 JF Carr, Spring Creek, and Trinity Powerplant Pavement Rehabilitation – Trinity River Division, Central Valley Project, California** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on October 22, 2015 and will end on October 21, 2016.