

# RECLAMATION

*Managing Water in the West*

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

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



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**CONSTRUCTION PROGRESS REPORT (L-29)  
MID-PACIFIC CONSTRUCTION OFFICE  
MID-PACIFIC REGION  
JANUARY 2016**

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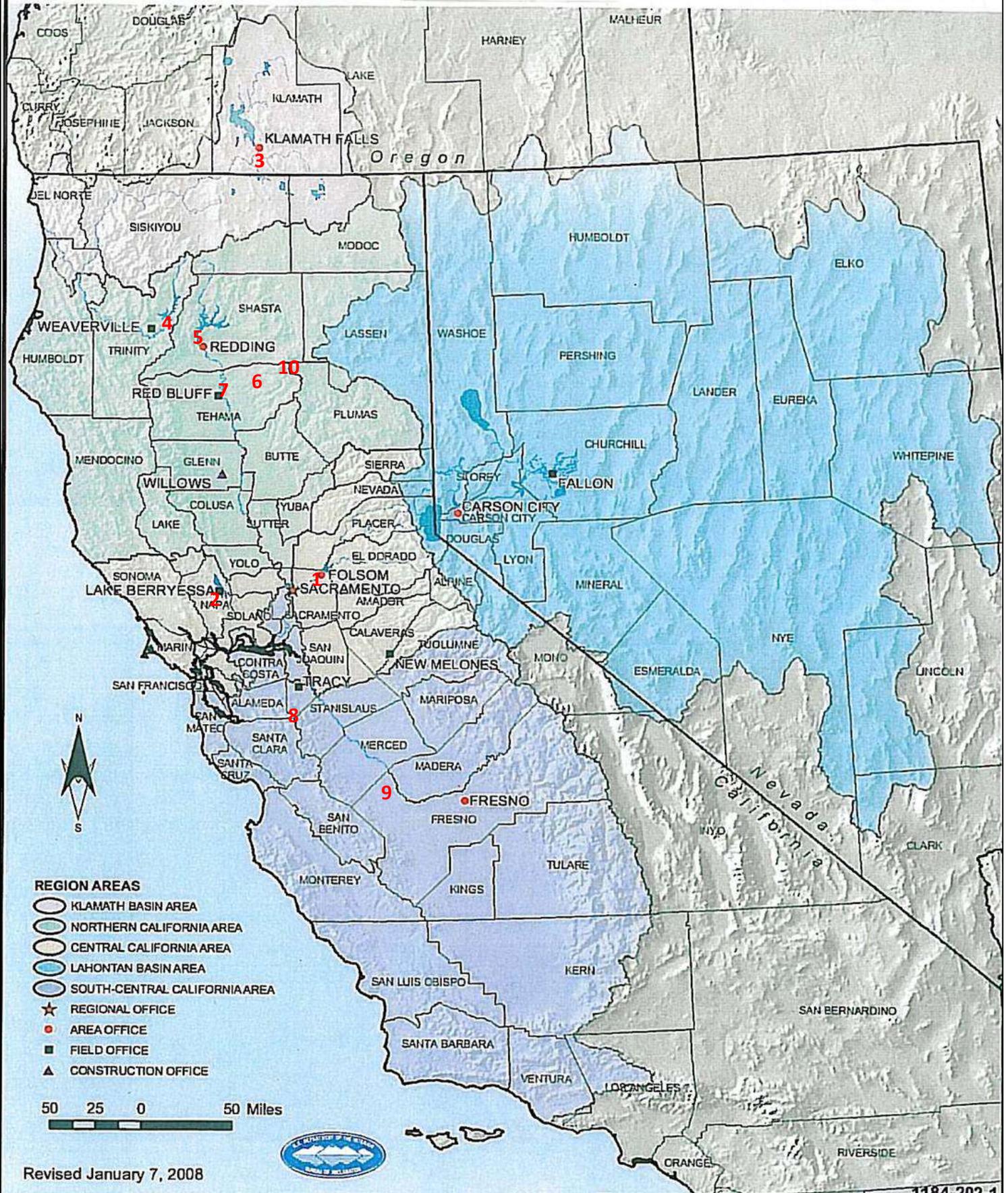
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# Mid-Pacific Region



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 42 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward and Project Management Group	4
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**

<b>ACRONYM</b>	<b>MEANING</b>
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	January	0.6%
	Time Elapsed	100%
	Work Completed	96%
Contractor Earnings	January	\$135,553.06
	Previous	\$19,742,130.63
	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: 8

**Work Performed**

Reclamation operated Unit 3 at speed, no load, and up to 46 Megawatts. The Unit 3 bearing temperatures were monitored during the aforementioned processes. M&B Engineering monitored the Unit 3 shaft runout at the upper guide bearing (UGB), Lower Guide Bearing (LGB), and Turbine Guide Bearing (TGB) while the unit was running.

Andritz Hydro, along with Reclamation, electrically commissioned Unit 3 up to the extent practicable with the lake level elevation as of January 12, 2016 (46 MW max. generation). Andritz-Hydro along with Reclamation tested manual and automatic starts and stops. They also tested voltage step response and tested the crowbar circuit. Andritz Hydro, along with Reclamation, also tested over and under excitation limiters and the power system stabilizer. Also, Reclamation and Andritz Hydro performed a 46 MW load rejection test.

After reviewing balancing data following the load rejection test, Reclamation realigned the upper and lower guide bearings.

Andritz Hydro added or changed locations of the steel rotor balancing weights as needed to balance the Unit 3 rotor. After balancing the Unit 3 rotor, such that the shaft runout at the UGB, LGB and TGB measured 10 mils, 8 mils and 10 mils, respectively, they final welded each of the rotor weights in place and coated them with protective coatings.

Andritz Hydro crated equipment for removal and performed miscellaneous clean-up within the Folsom Powerplant.

**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	January	2.6%
	Time Elapsed	51.2%
	Work Completed	31.6%
Contractor Earnings	January	\$816,416.05
	Previous	\$14,541,654.93
	Total to Date	\$15,358,070.98

**Area Office Project Management**

Project Manager: Kyle Keer, CC-108

**Office Engineering**

Contract Administrator: Rick Weissenborn, MPCO-200

Invoice No. 26 was received in the amount of \$816,416.05 during this period and was for work performed in prior periods.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Sean Frische, MPCO-317; Zahid Wazid, MPCO-349; Gustavo Aguilera, MPCO-337; Bill Linder, MPCO-312

Number of Contractor Employees: 7

**Work Performed**

Contractor Suulutaaq sustained storm-water 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	January	2.5%
	Time Elapsed	41.8%
	Work Completed	39.0%
Contractor Earnings	January	\$275,653.00
	Previous	\$4,086,258.35
	Total to Date	\$4,361,911.35

**Area Office Project Management**

Project Manager: Jeffery Croshal, CCAO

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Invoice number 7 was received this reporting period in the amount of \$275,653.00 for work performed from December 1, 2015 to December to 31, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 12

**Work Performed**

**Gate #17:** Continuity testing was performed on the anode wiring that attaches to each of the metal components in the lifting link pin assemblies. The bulkhead and pier braces, along with the water pump assembly were removed.

**Gate #14:** Ballard Marine’s dive team assisted AllTech in setting the pier braces and bulkhead upstream of radial gate #14. Inspection found no damage or obstructions on the concrete apron; allowing the crews to set and secure the bulkhead in place.

A crane lowered the pump and pump casing into the inner space between the bulkhead and radial gate #14. CCAO’s operator drained the gate chamber and the pier braces were installed. A new clearance was placed, and a diver sealed leaks in the bulkhead.

AllTech removed the existing gate seal and seal clamps. Measurements were taken and recorded for the width of the gate, as well as measuring the center line on each of the slotted holes along each side and the bottom of gate #14 that allow installation of the seal and seal clamp bars.

The crew removed the upper and lower gate shoes; recording the number and thickness of the existing shims. The lift pins and existing bushings were removed from the lifting brackets and the lifting bracket eyes were honed and refurbished. Measurements were taken on the honed bracket eyes and the new brass bushings were sent out for machining to the specified tolerance. The existing bushings were cleaned and reinstalled.

The temporary link assemblies were installed; connecting the lifting brackets to the connecting links on the wire ropes, and the gate was lifted and placed on the steel stands. Workers drilled and epoxied temporary gate support anchor bolts into the spillway.

Spelter Sockets on the existing wire ropes were removed from the gate connecting links, and the existing wire ropes were removed from their hoisting drums. The new cables were installed on their respective drums and rolled up and out of the way of workers.

The next work will require installation of the scaffolding and containment wrapping. This work may not commence until the end of February, 2016.

**Bulkhead Storage Facility:** The Door Company installed the two roll-up doors at the Bulkhead Storage Building. JMB Material installed sealant to the control joints in the building's slab floor.

Blackrock Industries performed work on the final grading and prepared the concrete flatwork subgrade at the site. A drainage swale was graded across the front (west) side of the building, around the southwest corner, and along the edge of the compacted building pad - daylighting into the existing drainage ditch on the backside (east) of the building pad. Material excavated during the establishment of the drainage swale was spread and compacted along the perimeter fence line in order to establish a uniform grade prior to fence installation.

Proper clearances were maintained around the elderberry bushes on either end of the site; ensuring the grading work did not encroach on the buffer area.

**Miscellaneous: (Gate #18):** F.D. Thomas applied a concrete-matching stain to the piers at Gate #18 where the gate coatings had been over sprayed.

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

Work Performed	January	0.0%
	Time Elapsed	100%
	Work Completed	63.6%
Contractor Earnings	January	\$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	January	41.0%
	Time Elapsed	95.6%
	Work Completed	82.9%
Contractor Earnings	January	\$38,278.98
	Previous	\$39,187.79
	Total to Date	\$77,466.77

**Area Office Project Management**

Project Manager: Peter Funkhouser, CC-440

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Invoice Number 2 was received this reporting period, in the amount of \$39,278.98, for work performed between October 27, 2015 and December 30, 2015.

The contract work was suspended on November 23, 2015.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Inspector: 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	January	6.9%
	Time Elapsed	100.0%
	Work Completed	69.0%
Contractor Earnings	January	\$376,284.00
	Previous	\$3,365,278.91
	Total to Date	\$3,741,562.91

**Area Office Project Management**

Project Manager: Jose Santana, CCO-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 obligated to this contract since award has increased the contract value to \$5,424,674.92.

Invoice Number 7 was received this reporting period, in the amount of \$376,284.00, for work performed between October 2, 2015 and December 1, 2016.

Contract was substantially completed 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 visited the project site to visually observe the Temp Pump Project as the lake elevation has risen. No field activities were conducted.

**Contract No. R15PC00728**  
**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	January	0.0%
	Time Elapsed	89.5%
	Work Completed	0.0%
Contractor Earnings	January	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: David Nguyen, 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.

**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	January	1.0%
	Time Elapsed	59.2%
	Work Completed	1.0%
Contractor Earnings	January	\$5,984.11
	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

Invoice Number 1 was received this reporting period, in the amount of \$5,984.11, for work performed up to January 28, 2016.

**Field Engineering**  
 Construction Manager: Brian Wagner, MPCO-300  
 Construction Representative: Russell Davies, MPCO-341

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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**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	January	0.0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	January	\$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	January	52.1%
	Time Elapsed	65.5%
	Work Completed	52.6%
Contractor Earnings	January	\$1,166,177.25
	Previous	\$11,504.00
	Total to Date	\$1,177,681.25

**Area Office Project Management**

Project Manager: Jeff Gifford, NC-620

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

Invoice #2 was received during this period for work performed from April 1, 2015 to December 31, 2015.

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 0

**Work Performed**

The Contractor performed asbestos testing and removal; as well as lead testing. The Contractor also performed demolition of existing equipment, painted transformers, and procured the bus materials.

**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	January	0.0%
	Time Elapsed	31.3%
	Work Completed	0.0%
Contractor Earnings	January	\$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

Reviewed and processed required submittals

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 14

**Work Performed**

The Contractor took measurements of the screens after they had been removed. The Contractor also removed several concrete lids from the continuous vault that contains the conductor raceway between the Master Control Center (MCC) and the motors. The Contractor was verifying that the plans properly reflect the dimensions. They also wanted to see the configuration of the conductors inside the vaults. They wanted to understand how the additional conductors for additional components (i.e. air burst system etc.) would fit inside the vault.

The Contractor began demobilizing from the site. The crane was removed from the job site and the area was cleaned up. The portable toilet and the extendable forklift were scheduled to be removed from the site.



**Coleman National Fish Hatchery, Intake 3 Screen Extension  
Screen #1 being hoisted out of its bay by the temporary crane.**

**Contract No. R10PC20025**  
**Specification No. None**  
**Coleman Fish Hatchery Water Intakes Vegetation Replacement and Monitoring - Shasta Division, Central Valley Project, California**  
**Tehama Environmental Solutions, Inc., Red Bluff, CA**

Work Performed	January	0.0%
	Time Elapsed	93.5%
	Work Completed	93.7%
Contractor Earnings	January	\$0.00
	Previous	\$800,345.56
	Total to Date	\$800,345.56

**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	January	0.7%
	Time Elapsed	65.0%
	Work Completed	97.8%
Contractor Earnings	January	\$34,465.93
	Previous	\$4,719,463.44
	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 2010.

No onsite work was performed during this period.

# **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	January	1.5%
	Time Elapsed	97.1%
	Work Completed	89.0%
Contractor Earnings	January	\$199,247.25
	Previous	\$11,880,156.19
	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

Invoice No. 24, in the amount of \$199,247.25, was received during this period for work performed during the month of December, 2015.

**Field Engineering**

Construction Manager: Stephen Holmes MPCO-320

Construction Inspector: David Derk, MPCO-334

Number of Contractor employees this month: 4

**Work Performed**

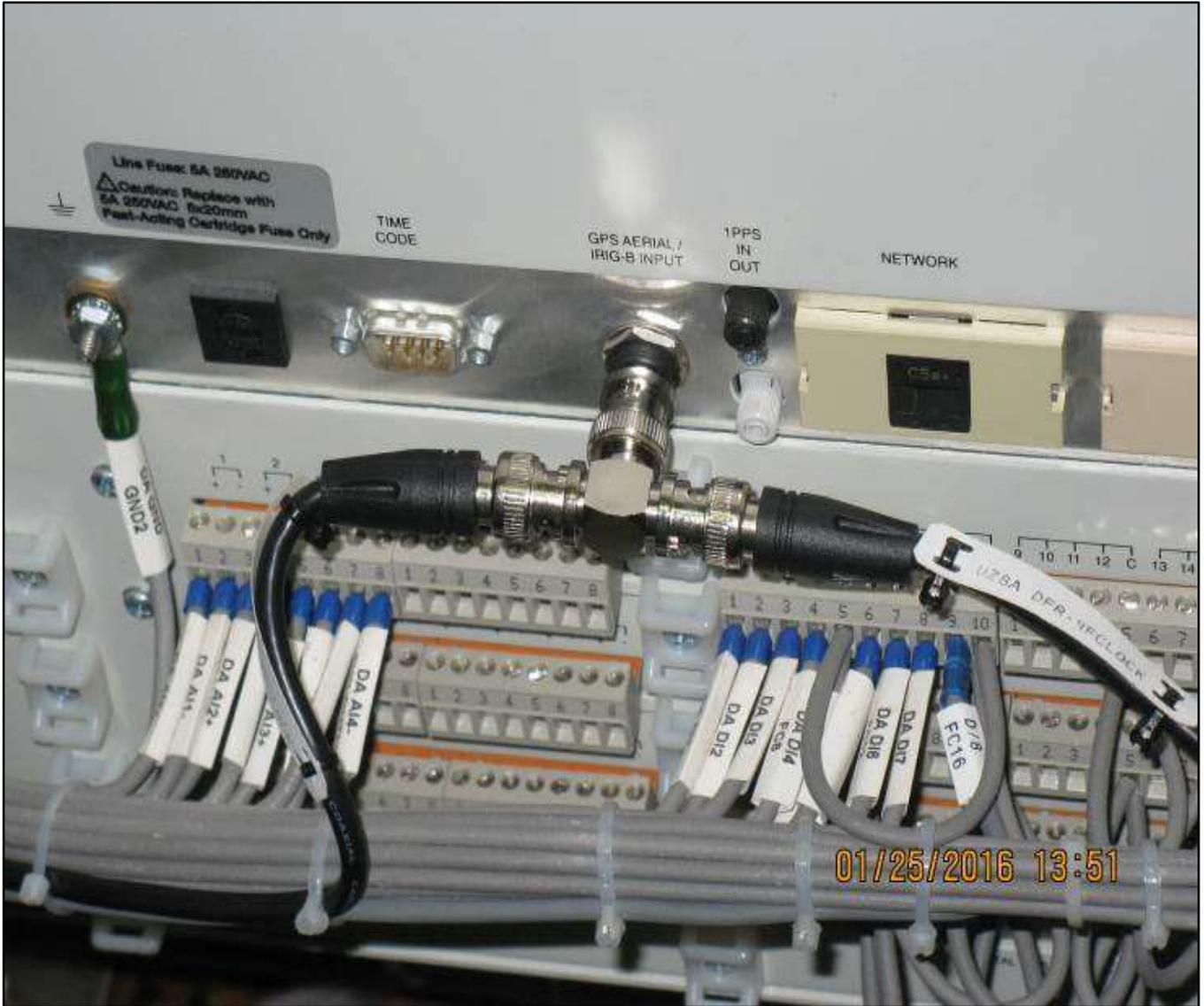
Contractor made the GPS clock connection to the four digital fault recorders (DFR) in the control board, Took measurements for the new equipment to make the connection from each building to the DFR in the control room.

Subcontractor Power Pros provided support to Ametek for setting the four DFR current values.

Subcontractor Ametek synchronized the four DFRs to the GPS clock and input parameters setting in the DFR's.



**Tracy 13.8 kV Switchgear/Breaker Replacement  
Rear view of GPS Synchronizing Clock**



**Tracy 13.8 kV Switchgear/Breaker Replacement**  
**One of the T connections on the rear of the Digital Fault Recorder**



**Tracy 13.8 kV Switchgear/Breaker Replacement  
Building B15 Clock input**

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

Work Performed	January	0.0%
	Time Elapsed	110%
	Work Completed	93.8%
Contractor Earnings	January	\$0.00
	Previous	\$23,311,349.02
	Total to Date	\$23,311,349.02

**Area Office Project Management**

Project Manager: Sheryl Carter, SCC-105

**Office Engineering**

Contract Administrator: Casandra Arthur, MPCO-111

No invoice was received during this period.  
 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.

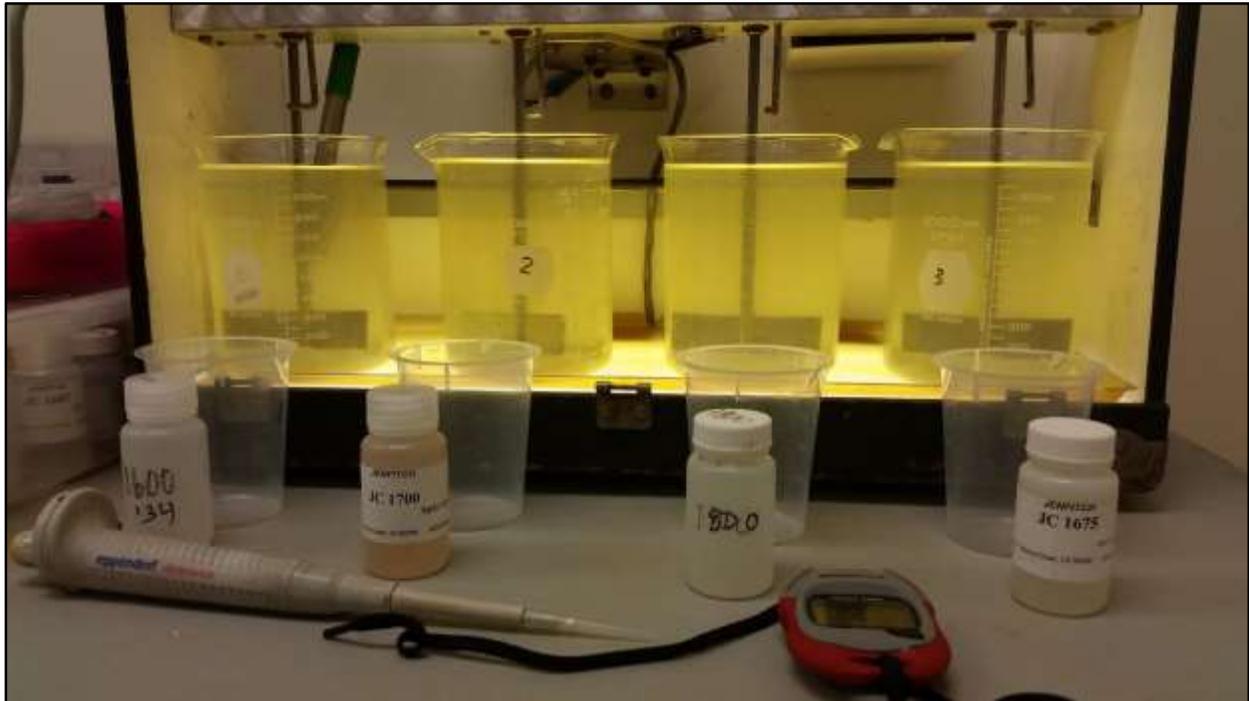
Slayden Construction Group’s onsite carpenter continued minor pumping activities and assisting Water Dynamics with process system restart activities as necessary.

General Electric’s Water and Power Field Service Representatives (FSRs) continued advanced biological metals removal (ABMet) operations and overseeing the startup and operation of the ultra-filtration (UF) system.

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

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

A JenFitch Laboratory Technician was onsite conducting jar testing of ABMet effluent to optimize coagulant type and dose in preparation for UF and Pressure Filter System operation.



**San Luis Demonstration Treatment Plant**  
**Photo of coagulant jar testing during the settling process conducted in the Plant laboratory**



**San Luis Demonstration Treatment Plant  
Photo of coagulant jar testing after the settling process**

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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	January	0.0%
	Time Elapsed	100%
	Work Completed	97.1%
Contractor Earnings	January	\$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 onsite 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	January	0.0%
	Time Elapsed	92.0%
	Work Completed	93.4%
Contractor Earnings	January	\$0.00
	Previous	\$538,997.08
	Total to Date	\$538,997.08

**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: Brian Wagner, MPCO-300

Construction Representative: Jeffrey Kelly, MPCO-322

Number of Contractor Employees: 0

**Work Performed**

No onsite 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. 5-year warranty for K1A extends 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. 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

**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 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. 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 22, 2015, and will end on October 21, 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 October 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.