

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

October 2015

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

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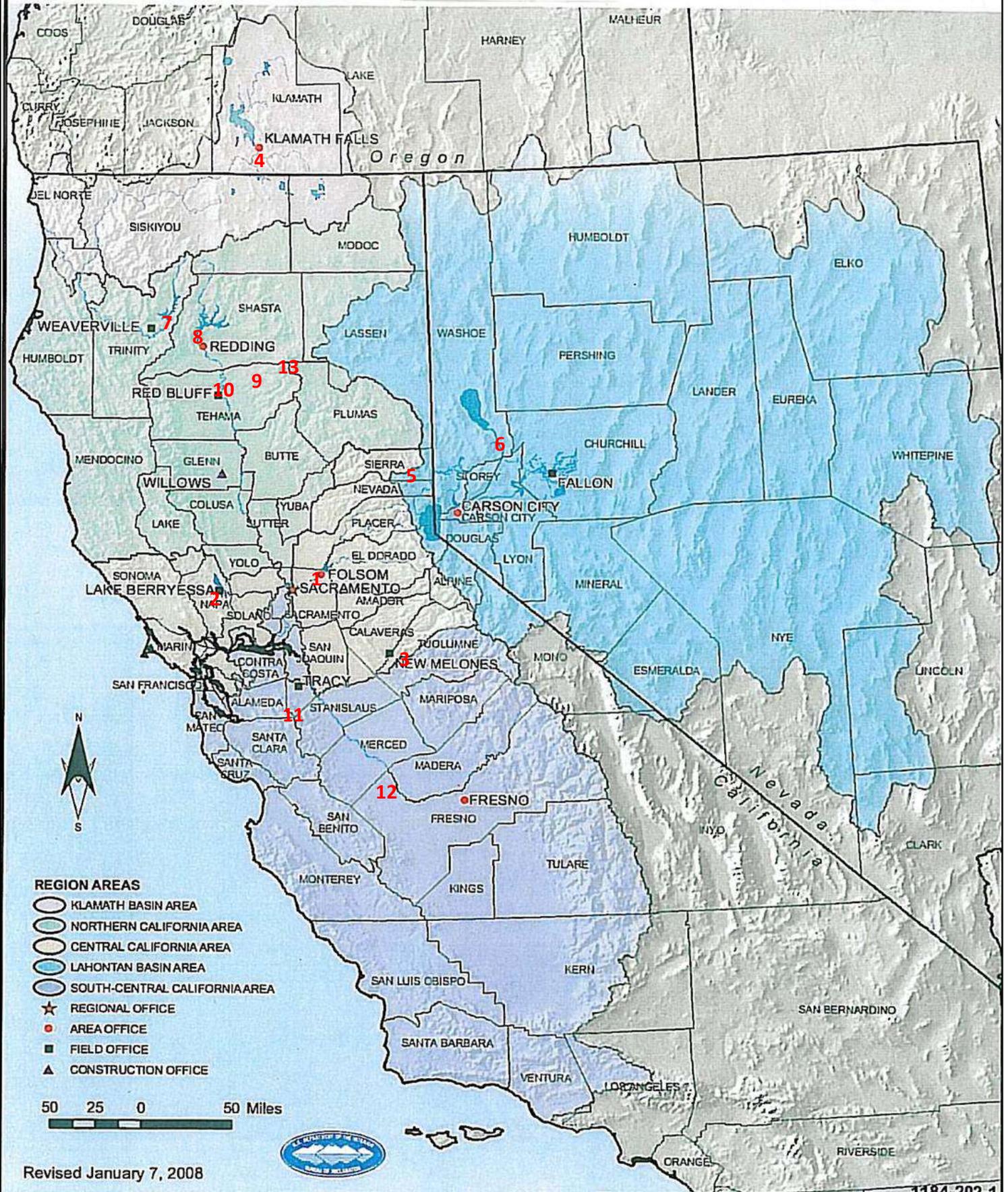
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Mid-Pacific Region



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	3
Administrative Management	7
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
CCAO	Central 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	October	0.0%
	Time Elapsed	100%
	Work Completed	95.2%
Contractor Earnings	October	\$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 this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314.

Number of Contractor Employees: 9

Work Performed

Andritz Hydro removed and replaced silicone capping molds 428, 481 and 489 (as identified by top bar slot number); completed insulation resistance, polarization index, AC Hi-Pot and DC Ramp tests for the Unit 3 Armature Winding; completed peening each of the Unit 3 core studs; coated the Unit 3 stator bars, circuit rings, jumpers and the interior of the stator frame with a single coat of Glyptal 7404/74010 Buff Epoxy Enamel; re-assembled the neutral leads within the Unit 3 air housing.

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

Work Performed	October	0.0%
	Time Elapsed	88.4%
	Work Completed	85.8%
Contractor Earnings	October	\$462,777.14
	Previous	\$41,656,643.27
	Total to Date	\$42,119,420.41

Area Office Project Management
Project Manager: Kyle Keer, CC-108

Office Engineering
Contract Administrator: John Zimmerman, MPCO-230

Invoice 24 for \$462,777.14 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through September 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: 37

Work Performed
The Contractor finished installing the nonwoven geotextile and placing 6-inch minus riprap in the drain lines connecting the SM-5 weir box to the 22-inch HDPE pipe.

The Contractor installed cable wire for the three piezometers on the crest. Most of the wires for the crest piezometers were pulled, except from the last pull-box to the instrumentation building. The Contractor still has to complete pulling wires for the upper bench piezometers and finished installing the pull-ropes for the empty crest conduits.

Subcontractor, Sacramento Drilling, finished drilling the survey monitoring points at the upstream and downstream areas of the crest.

The contractor restored the Mississippi Bar site.

Granite Construction, subcontractor, and finished site restoration of the Stockpile A area after Fisher demobilized. Fisher also completed restoring the former wash-plant area.

All Steel Fence, subcontractor, installed a pipe gate at the crest access and bench access road.

F3 Surveyors, subcontractor, surveyed the topography for the final as-built drawings.

Water Pollution Control/SWPPP

The contractor started installing bio-wattles on the finished contours of Stockpile A and at the former wash-plant area and the contractors use area.

Green Growth Industries, subcontractor, started hydro-seeding and hydro-mulching the Stockpile A area. The seed was applied in a 3-step process: steps 1 and 2 consisted of applying hydro-seed/hydro-mulch and tackifier. Step 3 consisted of seeding with Re-green. Most of the areas received at least one application of seeding this month.

The project was considered partially substantially complete on October 29. Once the contractor completes the punch list items full substantial completion will be issued.



Mormon Island Auxiliary Dam Overlay
Finished cobble slope protection located on the land side 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	October	0.0%
	Time Elapsed	36.3%
	Work Completed	25.2%
Contractor Earnings	October	\$1,004,264.00
	Previous	\$1,766,039.00
	Total to Date	\$1,766,039.00

Area Office Project Management

Project Manager: Jeff Croshal, CC-607

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 4, in the amount of \$1,004,264.00, was received and forwarded to the Denver finance office for processing. It was not for work performed this period, but for work through September 30, 2015.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-314; Mike Manlick, MPCO-313; Sean Frische, MPCO-317; Howard Diedrich, MPCO-316

Number of Contractor Employees: 17

Work Performed

The cathodic protection system was installed on each of the lifting assemblies of Gate 10. The crew operated and tested the gate in accordance with the contract specifications, and to the satisfaction of Reclamation’s engineer. Gate 10 was recorded as substantially complete on October 12, 2015, beginning the warranty period.

Divers floated and set the bulkhead gate and pier braces for Gate 18. The gate chamber was dewatered and Alltech’s crew took gate shoe clearance and shim measurements. The upper gate shoes, side and bottom gate seal clamp bars and rubber seals were removed. The crew performed additional measurements on the major components of the gate to confirm clearances and tolerances.

Gate 18 was set onto the gate supports that are temporarily anchored onto the spillway. The lifting assemblies were removed from both sides of the gate, and the gate cables were rolled up onto the cable drums to keep them out of the way during the refurbishment work.

Divers completed dredging at the upstream side of Gate 18 and at the upstream sides of gates 7 through 9. The divers, working with crane support and a basket, removed the aggregate and cobble from these dredged areas. When done (October 21) the dive crew pulled their floating barrier/curtain from the water and demobilized. Advanced Treatment Systems, Inc. demobilized the water treatment equipment that was located onsite. Workers completed pumping of the dredged materials from the Baker Tanks, then cleaned the tanks and removed them from the parking lot staging area. The parking lot was then cleaned with a mechanical street sweeper.

The scaffolding crew installed the upstream and downstream scaffolding at Gate 18. The containment crew installed the poly-wrap containment system covering the scaffolding.

The abrasive blasting work commenced on Gate 18, and is expected to be completed early in November.

New bottom and side seal clamp bars were fabricated. These new clamp bars were then used to mark and drill bolt holes in the new rubber gate seal.

Painters finished the lead abatement work on areas of the handrail that will be cut and extended to achieve the specified 42-inch height.

Having received the lab report that the Blastox performed as expected (converting the lead content of the old coatings into a non-hazardous waste stream), the blast waste was removed from the jobsite.

Workers erected the columns, rafters, and beams on the Bulkhead Storage Facility.

An FD Thomas painter applied the finish coats of epoxy to areas that will be covered during the erection process. Once the framing was substantially completed, the painters cleaned and prepared the pre-primed steel columns and rafters and began applying epoxy paint.

A testing engineer observed and certified torquing of the nuts anchoring the steel columns to the embedded bolts.



Nimbus Dam Radial Gate Repairs, Phase III
Worker taping sheets of poly-wrap together as part of the containment barrier
over the scaffolding on Gate 18

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	October	0.0%
	Time Elapsed	100%
	Work Completed	63.6%
Contractor Earnings	October	\$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 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	October	40.4%
	Time Elapsed	85.6%
	Work Completed	71.7%

Contractor Earnings	October	\$146,341.32
	Previous	\$143,457.21
	Total to Date	\$289,798.53

Area Office Project Management

Project Manager: William Vanderwaal

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

Invoice No. 3, in the amount of \$146,341.32, was received in October for work performed during the month of September.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contractor Employees: 4

Work Performed

Continued Installation of instrumentation and controls for sewer lift stations.

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	October	0.0%
	Time Elapsed	83.7%
	Work Completed	0.0%
Contractor Earnings	October	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Jose Santana, CC-607B

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: 5

Work Performed

Contractor repeated pressure testing on the 16-inch pipe installed in the building’s east side trough. A small leak was found and eliminated in the fittings of the two inch drain assembly on the downstream end of the pipe. The crew repeated the installation and testing processes; installing the 16-inch C-905 PVC piping in the Hatchery building’s west side trough.

Contractor’s crew jacked up the corners of each spawning tub under the steel frame and rolled each tub and frame into position and lowered the center pipe sleeves over the embedded pipe stubs anchored in the concrete slab. The crew set the tubs for the hatchery back into place with one tub held back until the remaining column supports were repaired, and installed the columns and supports. Final leveling and shimming of each tub completed the tub reinstallation.

The eight support columns were removed, the lower sections of column along with the I-Beam supports were replaced, and the coating repair work was performed.

Three-inch taps were drilled out of the saddles on each of the two 16-inch PVC pipelines. The existing three-inch risers were reassembled with union couplings.

The existing grates were trimmed to fit between the newly installed Z-Bar channel iron and two new grates were fabricated to fit over the new valve vaults on the north end of the building.

The 2-inch drain valve was opened on the downstream end of both pipes and a filter bag was secured to collect any flushed debris. The two butterfly valves were then opened fully. Filler valves were opened to allow air bleeding during the filling operation.

Reclamation assisted the crew from the Nimbus Fish Hatchery as the 42-inch pipeline was shut down and the control valves were reconfigured to receive water from the reopened 60-inch supply line. The Hatchery building's new piping was filled and flushed. No leakage was detected.

Full testing of the system will occur when the Hatchery is prepared to water-up all of the piping and fiberglass tanks in the building, just prior to the autumn salmon spawning.

The final walkthrough and inspection was performed on October 21, 2015. The project was considered Substantially Complete as of October 22, 2015.



Nimbus Fish Hatchery 16" Pipeline Replacement

This photo depicts the closed cell backer rod and polyurethane caulking used to seal the gap between the new Z-Bar channel iron and the existing concrete floor.



Nimbus Fish Hatchery 16" Pipeline Replacement
A worker uses a low-speed drill and 3-inch hole saw to cut biscuits from each of the saddle taps.



Nimbus Fish Hatchery 16" Pipeline Replacement
A 3/4-inch hose Bibb is installed on the 2-inch drain tee on the downstream end of the pipeline.

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	October	41.9%
	Time Elapsed	23.3%
	Work Completed	41.9%
Contractor Earnings	October	\$39,189.79
	Previous	\$0.00
	Total to Date	\$39,187.79

Area Office Project Management

Project Manager: Peter Funkhouser, CCAO-LBO

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

This contract was awarded on September 17, 2015 in the amount of \$93,437.65.

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: 7

Work Performed

Contractor cleared the site of any dry, potentially flammable vegetation before mobilizing equipment on site this period, mobilized a Gen-set generator, Tulsa mud shaker tank for recycling drill mud, and a light plant for drilling after dark.

Contractor stood the tower up on the drill rig and started the drilling. Drill mud was transferred to the shaker for recycling.

Drilled a 14.5-inch diameter hole to a depth of 85 feet to set an 8-inch diameter steel casing and grouted around it this period.

Switched drilling methods to drilling with an air hammer at approximately 86 feet in depth and completed drilling to a depth of 185 feet. Contractor E-logged the drilled hole 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	October	13.3%
	Time Elapsed	80.9%
	Work Completed	50.8%
Contractor Earnings	October	\$722,637.78
	Previous	\$2,034,777.53
	Total to Date	\$2,757,415.31

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 have been obligated since the initial award, which increased the contract value to \$5,424,674.92.

Pay Invoice No. 4, in the amount of \$722,637.78, was received this reporting period for work performed in September and October.

Contract was substantially completed this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Benjamin Richburg, MPCO-318

Number of Contractor Employees: 5

Work Performed

Contractor hydrostatically tested the pipe line and had all ten pumps operating this period. Tested and set the 36-inch pressure reduction valve this period.

Set up one variable frequency drive control panel and one on/off control panel and wired them to the 400kW, 300kW and 240kW Gen-set generators.

Contractor operated and performed the task of transferring 30 cfs to the 42-inch pipe line as required by the contract. Pump platforms had to be relocated once this period to accommodate the drop in reservoir elevation.

Contract No. GS-07F-0611F
Order No. R15PD00728
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	October	0.0%
	Time Elapsed	42.0%
	Work Completed	0.0%
Contractor Earnings	October	\$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

Contractor did not perform any work on site 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, Oregon
Andrews Contracting Services, LLC, Vancouver, WA

Work Performed	October	0.0%
	Time Elapsed	25%
	Work Completed	0.0%
Contractor Earnings	October	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management
 Project Manager: William Vanderwaal, MPCO-122

Office Engineering
 Contract Manager: Kent Perkes, MPCO-225

Submittals were reviewed this period.

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

Number of Contractor Employees: 0

Work Performed
 Contractor did not perform any work on site 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	October	0.0%
	Time Elapsed	97.1%
	Work Completed	62.2%
Contractor Earnings	October	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Locke Hahne, LO-400

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; Gustavo J. Aguilera, MPCO-337

Number of Contractor Employees: 13

Work Performed

During the month of October, the contractor performed the installation of the recently refurbished hydraulic cylinders, the modification of the hydraulic conduits for their connections, and returned them in operational conditions to the site. The leaf gates were connected to the stems on the hydraulic cylinders and tested. A successful dry testing procedure was performed in order to make sure there were no vibrations as the gates went up and down in their tracks. The water pipe in the dam was watered up, and the system was tested under wet conditions as well. A leakage test was performed in all four gates, as well as a check in the tolerances for the gaps between the leaf gates and the gate seats. After the successful wet testing, divers went into the water and installed the transition valve cover plate in order for the contractor to remove the transition valve. This valve allowed water through the bulkhead and towards the downstream side of the dam. Once this task was performed, the water conduit was watered up again and the bulkhead removed.

This allowed the unbalanced test on the system. On Tuesday, October 27, the contractor, LBAO, and MPCO performed an inspection walk through prior to accepting and assuming control of the fully functional facilities.

The contractor continued their demobilization activities through the last days of the month. By October 31, Knight Construction had finished their demobilization activities and was off the jobsite.



**Prosser Creek Dam Refurbish High Pressure Gate Seats and Regulating Gates
Measurements being taken in gate 2 to verify its position.**



**Prosser Creek Dam Refurbish High Pressure Gate Seats and Regulating Gates
A view of the truck right after the small crane was loaded**

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

Work Performed	October	0.0%
	Time Elapsed	69.3%
	Work Completed	35.1%

Contractor Earnings	October	\$0
	Previous	\$206,933.00
	Total to Date	\$206,933.00

Area Office Project Management

Project Manager: Locke Hahne, LO-400

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Gustavo Aguilera, MPCO-337

Number of Contractor Employees: 13

Worked Performed

Contractor Tompco, Inc. performed a walkthrough with reclamation staff members. Tompco, Inc. continued demobilization from the job site during this period.



Marble Bluff Dam Spillway Repair
Extreme telescopic forklift hoisting Baker tank to the truck's fifth wheel during Tompc, Inc. demobilization

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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	October	0.0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	October	\$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 during the month of October.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

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	October	0.0%
	Time Elapsed	100.0%
	Work Completed	39.4%
Contractor Earnings	October	\$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 this reporting 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	October	0.0%
	Time Elapsed	51.4%
	Work Completed	0.5%
Contractor Earnings	October	\$0.00
	Previous	\$11,504.00
	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 this reporting period.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

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	October	0.0%
	Time Elapsed	15%
	Work Completed	0.0%
Contractor Earnings	October	\$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 submittals

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

Work Performed	October	23%
	Time Elapsed	65%
	Work Completed	56%
Contractor Earnings	October	\$62,575.00
	Previous	\$152,875.00
	Total to Date	\$215,450.00

Area Office Project Management

Project Manager: Laurie Larson, NC-211

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals
Reviewed and processed progress payments
Reviewed and processed Request for Change No. 0003, Stainless Steel Construction
Technical Analysis of Contractor's response to RFP 001, Repair Fish Trap Brail Entrance Structure

Field Engineering

Construction Manager: Brian Wagner, MPCO-300
Construction Representative: Jason Foust, MPCO-325

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	October	2.7%
	Time Elapsed	87.9%
	Work Completed	90.6%
Contractor Earnings	October	\$23,067.14
	Previous	\$777,278.42
	Total to Date	\$800,345.56

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

Invoice No. 24 was received in the amount of \$23,067.14 in October for work performed July 1, 2015 to September 1, 2015.

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.

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	October	0.0%
	Time Elapsed	62.1%
	Work Completed	96.1%
Contractor Earnings	October	\$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 reporting 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	October	.97%
	Time Elapsed	91.4%
	Work Completed	80.1%
Contractor Earnings	October	\$131,567.34
	Previous	\$10,739,443.61
	Total to Date	\$10,871,010.95

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. 21 in the amount of \$131,567.34 was processed during this period for work performed during the month of September, 2015.

Field Engineering

Field Engineer: Stephen Holmes

Construction Control Representative: David B. Derk

Number of Contractor Employees: 20

Work Performed

Contractor installed CCA 5 and 6F panel skins and connected control cables, aligned control cables in cable trays between the control building and pumping plant, sealed conduit risers in tunnel ceiling, pulled cables into cable tray for the last runs of 13.8kV cables for pumps No. 3 and No. 5. Prepared to receive and install building 6A control cables, bushing box, grounding, stage reactor and 6-inch tubular bus equipment. Replaced meters in both panel skins and building 8A, installed replacement Basler relay, and worked on working list items. Started demobilizing equipment and tools, and conducted training on 125v DC system.

Subcontractor Nor-Cal Builders excavated tunnel roof to expose leaking expansion joints, placed reactor pad and tubular bus concrete, installed formwork for all of building 6A, reactor pads, tubular bus concrete piers, and the non-segregated bus steel column pedestals. They placed formwork, removed forms, finished concrete, backfilled and compacted all excavated areas, placed gravel surfacing around the new structures and buildings, and disposed of all excess excavated materials and concrete.

Subcontractor West Coast Rebar installed reinforcing mats in building 6A reactor pads stage one and two.

Subcontractor Alliance Roofing sealed tunnel roof and abandoned conduit penetrations.

Subcontractor Tesco walked site to review mimic board on new panel skins.



**Tracy 13.8kV Switchgear/Breaker Replacement
Current Limiting Reactors (CLRs) and equipment staged at building 6A ready to
be installed.**

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

Work Performed	October	0.0%
	Time Elapsed	100.7%
	Work Completed	92.6%
Contractor Earnings	October	\$0.00
	Previous	\$22,690,635.75
	Total to Date	\$22,690,635.75

Area Office Project Management

Project Manager: Sheryl Carter, SCC-105

Office Engineering

Contract Administrator: Casandra Arthur, MPCO-245

No invoices received during this reporting period.

No modifications were executed during this reporting period.

Field Engineering

Onsite Government Representative: Casandra Arthur, MPCO-245

Contract Control Representative: Sean Hill, MPCO-328

Number of Contractor Employees: 9

Work performed:

Onsite construction work for Unilateral Modifications 0013 and 0016 continued.

Continued piping modifications in the Advanced Biological Metals Removal (ABMet) area outside of the building and in the Reverse Osmosis (RO) area inside of the building.

Completed the installation of the new HCl pump skid.

Installed conductivity sensors and silt density index (SDI) analyzers on both RO units.

Installed double containment piping for the new antiscalant pump skids.

Installed flow switches and flow meters on the nutrient lines and antiscalant lines to the RO and ABMet.

Installed the feed pump and double containment piping for the new chlorine tote in the pretreatment area.

GE punchlist modifications were ongoing, specifically completing the piping on the Nutrient pump skids, installing new sodium bisulfite injection lines into the RO systems, installing mounting board for the VFDs for the new Nutrient feed pumps. Installed the air release valves in the pretreatment area and on the plate settler feed pump line. Continued double containment piping installation for the new chlorine tote in the pretreatment area. Installed the new recirculation pump and piping for the Plate Settler EQ tank. Continued assisting with GE punchlist modifications. General housekeeping activities.

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

Water Dynamics continued backwashing the Advanced Biological Metals Removal (ABMet) System and assisting SCG crew and GE FSRs as necessary with restart activities.

Con J Franke Electrical continued electrical in the ABMet area, installed conduit and conductors for the nutrient pump, antiscalant pump, and HCl pump skids and began installation of the new variable frequency drives (VFDs) inside the treatment building.



**San Luis Demonstration Treatment Plant
Electrical conduit installation at the new HCl pump skid**



**San Luis Demonstration Treatment Plant
Advanced Biological Metals Removal area piping installation for new pump skids**



**San Luis Demonstration Treatment Plant
Modified feed piping to the ABMet bioreactor tanks**



**San Luis Demonstration Treatment Plant
Pretreatment area piping changes including the new chlorine addition system
located on the right side of the picture**

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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	October	0.0%
	Time Elapsed	100%
	Work Completed	97%
Contractor Earnings	October	\$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 As-built Drawings

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Jeff 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, CA
Titan/Meyers JV, Redding, CA

Work Performed	October	49%
	Time Elapsed	62%
	Work Completed	49%
Contractor Earnings	October	\$264,962.10
	Previous	\$0.00
	Total to Date	\$264,962.10

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

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.

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.