

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

December 2015

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CONSTRUCTION PROGRESS REPORT (L-29)

MID-PACIFIC CONSTRUCTION OFFICE

MID-PACIFIC REGION

DECEMBER 2015

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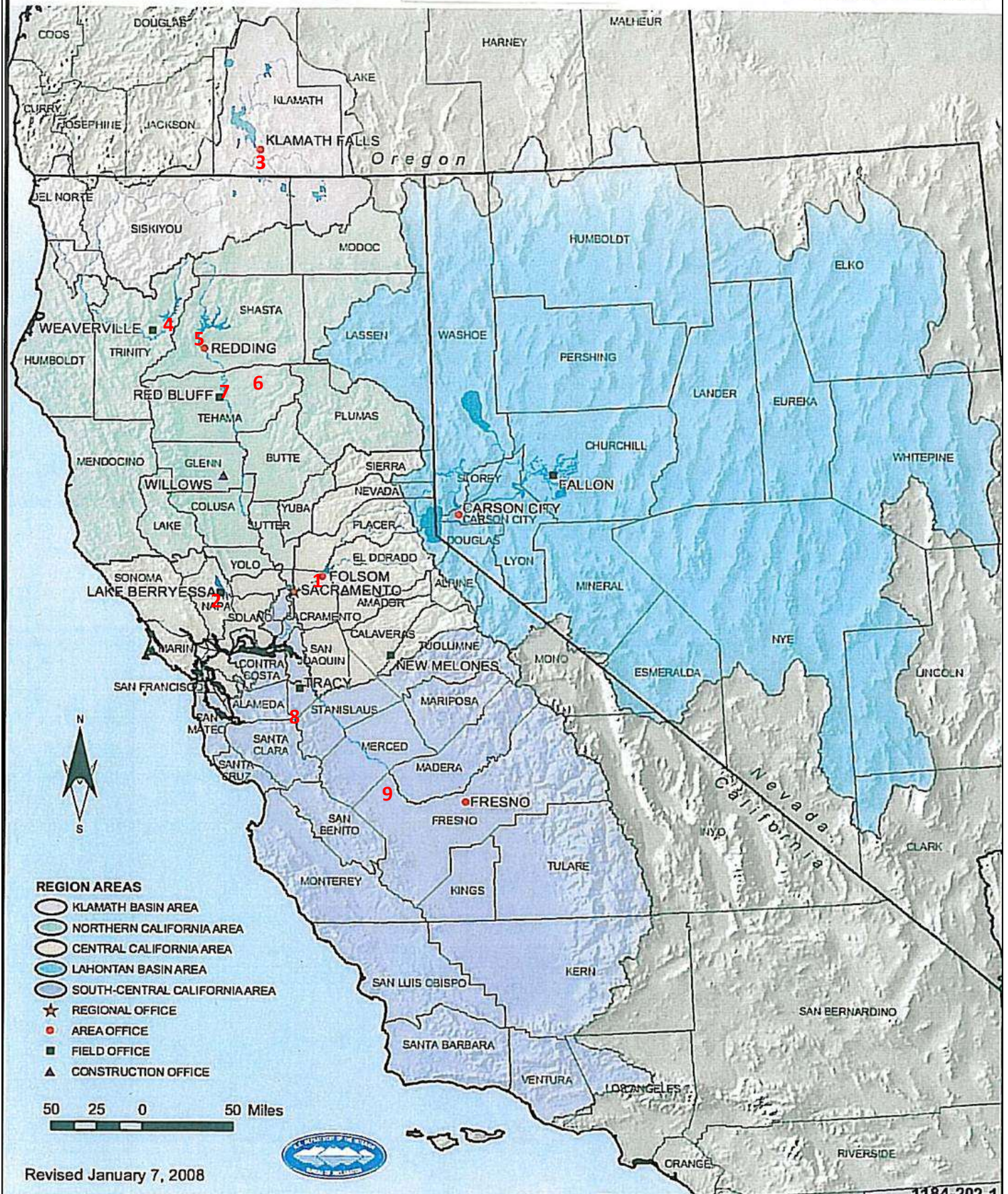
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Mid-Pacific Region

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	December	0.0%
	Time Elapsed	100%
	Work Completed	95.2%
Contractor Earnings	December	\$0.00
	Previous	\$19,742,130.63
	Total to Date	\$19,742,130.63
MPCO Noncontract Costs	1 st Quarter Expenditures	\$69,300.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$69,300.00
	FY16 Budgeted	\$208,400.00
	Amount Remaining	\$139,100.00
	Percent Remaining	66.8%

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: 7

Work Performed

Contractor Andritz Hydro landed cable from the Unit 3 field flash circuit to the back of breaker 12 within panel BSA. They also installed relays K74 and K75 within The Unit 3 exciter cabinet EX02. Andritz Hydro also performed point to point wiring checkout tests for the Unit 3 exciter. They also confirmed functionality of exciter annunciation, protection, and SCR bridges. Andritz Hydro completed the Unit 3 open and closed circuit saturation tests.

Reclamation performed testing at speed, no load at both 50% and 100% speed. M&B Engineering monitored shaft run-out at the upper guide bearing, lower guide bearing and turbine guide bearing. Andritz Hydro installed Unit 3 rotor balancing weights at locations determined by M&B Engineering.

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	December	0.0%
	Time Elapsed	41.8%
	Work Completed	36.5%
Contractor Earnings	December	\$550,410.93
	Previous	\$3,535,847.42
	Total to Date	\$4,086,258.35
MPCO Noncontract Costs	1 st Quarter Expenditures	\$71,916.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$71,916.00
	FY16 Budgeted	\$371,830.00
	Amount Remaining	\$299,914.00
	Percent Remaining	80.7%

Area Office Project Management

Project Manager: Jeff Croshal, CC-607

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 6 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work performed through November 30, 2015.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

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

Number of Contractor Employees: 11

Work Performed

Gate 18 Repairs

A discontinuity test was performed on the upstream face of the gate. Only one holiday was located, which was recoated. After final painting was performed, scaffolding and containment wrap was removed from Gate 18. Holes on the spillway from the temporary scaffold anchors were patched with a fast-setting, non-sag mortar.

The gate lifting eye brackets were refurbished and new brass bushings were pressed in place. New wire ropes, equalizer bars, links, pins, gate seals, and guide shoes were installed. The cathodic protection assemblies were installed and tested on each of the gate's lifting brackets.

The completed gate was then tested for leaks, the chamber rewatered, and the gate passed leak tests. Then the bulkhead and pier braces were removed and moved to Gate 17.

Gate 17 Repairs

Divers checked for damage or obstructions prior to placing the bulkhead onto the concrete apron at the gate. The bulkhead and pier braces were then installed and the gate chamber drained.

The existing cathodic protection was removed from the gate lifting brackets and the new cathodic protection system installed.

Bulkhead Storage Facility

The contractor completed all roof and trim work on the Bulkhead Storage Building



**Nimbus Dam Radial Gate Repairs, Phase III
Bulkhead Storage Building**

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	December	0.0%
	Time Elapsed	100%
	Work Completed	63.6%
Contractor Earnings	December	\$0.00
	Previous	\$663,018.34
	Total to Date	\$663,018.34
MPCO Noncontract Costs	1 st Quarter Expenditures	\$0.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$0.00
	FY16 Budgeted	\$44,010.00
	Amount Remaining	\$44,010.00
	Percent Remaining	100%

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	December	0.0%
	Time Elapsed	62.2%
	Work Completed	41.9%
Contractor Earnings	December	\$0.00
	Previous	\$39,187.79
	Total to Date	\$39,187.79
MPCO Noncontract Costs	1 st Quarter Expenditures	\$44,085.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$44,085.00
	FY16 Budgeted	\$99,170.00
	Amount Remaining	\$55,085.00
	Percent Remaining	55.6%

Area Office Project Management

Project Manager: Peter Funkhouser, CC-440

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

No Invoice was received during this period.

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	December	6.1%
	Time Elapsed	91.1%
	Work Completed	62.0%
Contractor Earnings	December	\$331,568.00
	Previous	\$3,033,710.91
	Total to Date	\$3,365,278.91
MPCO Noncontract Costs	1 st Quarter Expenditures	\$24,511.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$24,511.00
	FY16 Budgeted	\$359,380.00
	Amount Remaining	\$334,869.00
	Percent Remaining	93.2%

Area Office Project Management

Project Manager: Jose Santana, CC-607B

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice Number 5, in the amount of \$331,568.00, was received this reporting period for work performed up to October 2, 2015.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Benjamin Richburg, MPCO-318

Number of Contractor Employees: 6

Work Performed

Contractor Services Group made adjustments to pipe alignment, air valves, and mooring lines. The subcontractor dewatered generator secondary containment. CSG and its subcontractor removed and replaced GenSet generator and replaced it with a rented tier 4/final GenSet.

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	December	0.0%
	Time Elapsed	74.0%
	Work Completed	0.0%
Contractor Earnings	December	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00
MPCO Noncontract Costs	1 st Quarter Expenditures	\$13,013.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$13,013.00
	FY16 Budgeted	\$85,187.00
	Amount Remaining	\$72,174.00
	Percent Remaining	84.7%

Area Office Project Management

Project Manager: David Nguyen, CC-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	December	0.0%
	Time Elapsed	48%
	Work Completed	0.0%
Contractor Earnings	December	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00
MPCO Noncontract Costs	1 st Quarter Expenditures	\$41,549.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$41,549.00
	FY16 Budgeted	\$187,170.00
	Amount Remaining	\$145,621.00
	Percent Remaining	77.8%

Area Office Project Management

Project Manager: William Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

No Invoice was received this reporting period.

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	December	0.0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	December	\$0.00
	Previous	\$11,689,489.79
	Total to Date	\$11,689,489.79
MPCO Noncontract Costs	1 st Quarter Expenditures	\$14,888.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$14,888.00
	FY16 Budgeted	\$32,250.00
	Amount Remaining	\$20,362.00
	Percent Remaining	57.8%

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. 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	December	0.0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	December	\$0.00
	Previous	\$105,844.05
	Total to Date	\$236,182.35
MPCO Noncontract Costs	1 st Quarter Expenditures	\$3,398.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$3,398.00
	FY16 Budgeted	\$4,500.00
	Amount Remaining	\$1,012.00
	Percent Remaining	24.5%

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: Stephen Holmes, MPCO-320

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 4

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	December	0.0%
	Time Elapsed	65.5%
	Work Completed	0.5%
Contractor Earnings	December	\$0.00
	Previous	\$11,504.00
	Total to Date	\$11,504.00
MPCO Noncontract Costs	1 st Quarter Expenditures	\$38,821.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$38,821.00
	FY16 Budgeted	\$216,960.00
	Amount Remaining	\$178,139.00
	Percent Remaining	82.1%

Area Office Project Management

Project Manager: Jeff Gifford, NC-620

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

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

Work Performed	December	0.0%
	Time Elapsed	26.4%
	Work Completed	0.0%
Contractor Earnings	December	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00
MPCO Noncontract Costs	1 st Quarter Expenditures	\$10,733.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$10,733.00
	FY16 Budgeted	\$188,640.00
	Amount Remaining	\$177,907.00
	Percent Remaining	94.3%

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

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

No onsite work was performed during this period.

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

Work Performed	December	40%
	Time Elapsed	100%
	Work Completed	96.3%
Contractor Earnings	December	\$167,974.95
	Previous	\$215,450.00
	Total to Date	\$383,424.95
MPCO Noncontract Costs	1 st Quarter Expenditures	\$32,948.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$32,948.00
	FY16 Budgeted	\$35,705.00
	Amount Remaining	\$2,757.00
	Percent Remaining	7.7%

Area Office Project Management

Project Manager: Laurie Larson, NC-211

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals

Invoice No. 2, in the amount of \$167,974.95, was received during this period for work performed from November 5, 2015 to December 23, 2015.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Jason Foust, MPCO-325

Number of Contractor Employees: 8

Work Performed

Brail Frame

The contractor completed hoisting all of the metalwork for the fish brail frame, and completed assembly of the fish brail frame this period. Stainless steel bolts, nuts, and washers were used to make all connections. Each bolt also had isolation sleeves and washers installed.

Brail Grating

Abacus Construction finished installing composite grating and fish brail seal onto the fish brail frame. Each piece is held down by saddle clamps and 3/8-inch stainless steel bolts. Isolation sleeves and washers were used where in contact with the fish brail frame.

The aluminum plate at the flat section of the fish brail adjacent to the exit of the fish trap was also installed.

Hoist Motor/Hoist Mechanical Equipment

Subcontractor Abacus also finished installing anchors, mounting plates, gear reducer, motor, new wire rope and sheaves.

Mod 001 Fish Brail Entrance Structure

The contractor began and finished installation of the fish brail entrance structure including re-mounting actuators for the entrance gate and escape door, they also tightened all bolted attachments, and remounted the fish counter.

Fish Brail

The contractor completed installing remaining gasket around the perimeter of the fish brail. At the end of this period the contractor performed the five up and down tests of the fish brail with no issues. This completed the work and the rest of the period was spent on cleanup and demobilization. The contractor was completed with onsite work on December 23, 2015.



**Keswick Fish Trap Brail Replacement
Subcontractor Abacus Installing the Escape Door onto the Fish Trap Brail
Entrance Structure.**

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	December	0.0%
	Time Elapsed	92.0%
	Work Completed	92.9%
Contractor Earnings	December	\$0.00
	Previous	\$800,345.56
	Total to Date	\$800,345.56
MPCO Noncontract Costs	1 st Quarter Expenditures	\$408.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$408.00
	FY16 Budgeted	\$2,500.00
	Amount Remaining	\$2,092.00
	Percent Remaining	83.7%

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	December	0.0%
	Time Elapsed	65.0%
	Work Completed	97.1%
Contractor Earnings	December	\$0.00
	Previous	\$4,719,463.44
	Total to Date	\$4,719,463.44
MPCO Noncontract Costs	1 st Quarter Expenditures	\$7,644.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$7,644.00
	FY16 Budgeted	\$37,755.00
	Amount Remaining	\$30,091.00
	Percent Remaining	79.7%

MPCO Non-contract costs include non-contract costs for all Red Bluff contracts.

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.

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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	December	2.3%
	Time Elapsed	95.2%
	Work Completed	87.5%
Contractor Earnings	December	\$318,408.01
	Previous	\$11,561,748.18
	Total to Date	\$11,880,156.19
MPCO Noncontract Costs	1 st Quarter Expenditures	\$96,557.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$96,557.00
	FY16 Budgeted	\$151,045.00
	Amount Remaining	\$54,488.00
	Percent Remaining	36.1%

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. 23, in the amount of \$318,408.01, was received and processed during this period for work performed during November 2015.

Field Engineering

Field Engineer: Stephen Holmes

Construction Control Representative: David B. Derk

Number of Contractor employees: 20

Work Performed

Contra Costa Electric, Inc. completed all non-segregated bus connections, replaced meters in buildings and control panels, installed Building 6A, completed demolition work (Mod. No. 18), removed all grounds from overhead conductors, demobilized from site, worked on as-built drawings, assisted with function testing building 6A and tie breakers to buildings 11A, 8A, and B15, completed working on punch list items, and removed two batteries from 125vDC battery rack.

Power Pros Completed pre-function testing of Building 6A, completed function testing of Building 6A and tie breakers to Buildings 11A, 8A, and B15, and commissioned pumps #3 and #5.

Tesco installed mimic board onto control panels CCA1 through 6F.



**Tracy 13.8 kV Switchgear/Breaker Replacement
Control Panels CCA1 through 6F with mimic board 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	December	0.0%
	Time Elapsed	109%
	Work Completed	93.8%
Contractor Earnings	December	\$334,689.47
	Previous	\$22,976,659.55
	Total to Date	\$23,311,349.02
MPCO Noncontract Costs	1 st Quarter Expenditures	\$103,634.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$103,634.00
	FY16 Budgeted	\$174,670.00
	Amount Remaining	\$71,036.00
	Percent Remaining	40.7%

Area Office Project Management

Project Manager: Sheryl Carter, SCC-105

Office Engineering

Contract Administrator: Casandra Arthur, MPCO-245

Invoice No. 27 was received and forwarded to Denver's finance office for processing. Invoice No. 27 was not for work completed in this period, but for work completed through November 30, 2015.

No modifications were executed during this time frame.

Field Engineering

Onsite Government Representative: Casandra Arthur, MPCO-245

Contract Control Representative: Sean Hill, MPCO-328

Number of Contractor Employees: 6

Work performed

Onsite construction work for Unilateral Modifications 0013 and 0016 continues.

Slayden Construction Group removed and replaced the horizontal section of feed piping at the inlet to each Advanced Biological Metals Removal (ABMet) system bioreactor tank to facilitate flow, continued installation and plumbing of/for new instruments: turbidity, pH/Temp, and chlorine instruments, and assisted with GE commissioning and system restart activities.

GE Water and Power Field Service Representatives (FSRs) were in the process of finishing commissioning activities to prepare for plant restart and overseeing ABMet startup and operation.

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

Con J Franke Electrical continued installing electrical conduit and conduit for nutrient feed pump variable frequency drives (VFDs) and pretreatment valves.

Mason's Painting was onsite to finish painting newly installed piping and valves.



**San Luis Demonstration Treatment Plant
Removal and replacement of the ABMet First and Second Stage Feed piping**



**San Luis Demonstration Treatment Plant
Installation of new Chlorine, Turbidimeter, and pH/Temperature instruments for
Mod 0013 at the pretreatment area**

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	December	0.0%
	Time Elapsed	100%
	Work Completed	97.3%
Contractor Earnings	December	\$0.00
	Previous	\$377,419.13
	Total to Date	\$377,419.13
MPCO Noncontract Costs	1 st Quarter Expenditures	\$36,118.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$36,118.00
	FY16 Budgeted	\$193,910.00
	Amount Remaining	\$157,792.00
	Percent Remaining	81.4%

MPCO non-contract costs include costs for the field office and the civil, mechanical, and electrical engineering design changes that were made.

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	December	0.0%
	Time Elapsed	82.1%
	Work Completed	93.4%
Contractor Earnings	December	\$274,034.98
	Previous	\$264,962.10
	Total to Date	\$538,997.08
MPCO Noncontract Costs	1 st Quarter Expenditures	\$0.00
	2 nd Quarter Expenditures	\$0.00
	3 rd Quarter Expenditures	\$0.00
	4 th Quarter Expenditures	\$0.00
	FY16 Cumulative Total	\$0.00
	FY16 Budgeted	\$229,210.00
	Amount Remaining	\$229,210.00
	Percent Remaining	100%

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Invoice No. 2, in the amount of \$193,701.58, was received during this period for work performed up to September 30, 2015. Invoice No. 3, in the amount of \$80,333.40, was received during this period for work performed from October 1, 2015 to December 9, 2015.

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.

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 October 2, 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 5, 2015, and will end November 6, 2016.

R15PC00090 20-C0840 Nimbus Fish Hatchery 16” 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: Office Engineering Administrative activity consisted of reviewing and processing required submittals to complete the closeout of the contract. The 1-year warranty period began on October 23, 2015, and will end on October 22, 2016

R13PC20092 20-C0807 Mormon Dam Auxiliary Dam Overlay – Safety of Dams Modification – Folsom Unit, American River Division, Central Valley Project, California: There was no Office Engineering Administrative activity during this period. The 1-year warranty period began on October 29, 2015 and will end on October 28, 2016.