

RECLAMATION

Managing Water in the West

MP CONSTRUCTION OFFICE
Willows, California

Construction Progress Report L-29



Spring Creek Powerplant Generators G1 and G2 Rewind, Spring Creek Powerplant - Bureau of Reclamation Staff reassembling Unit 2



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

April 2015

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CONSTRUCTION PROGRESS REPORT (L-29)

MID-PACIFIC CONSTRUCTION OFFICE

MID-PACIFIC REGION

APRIL 2015

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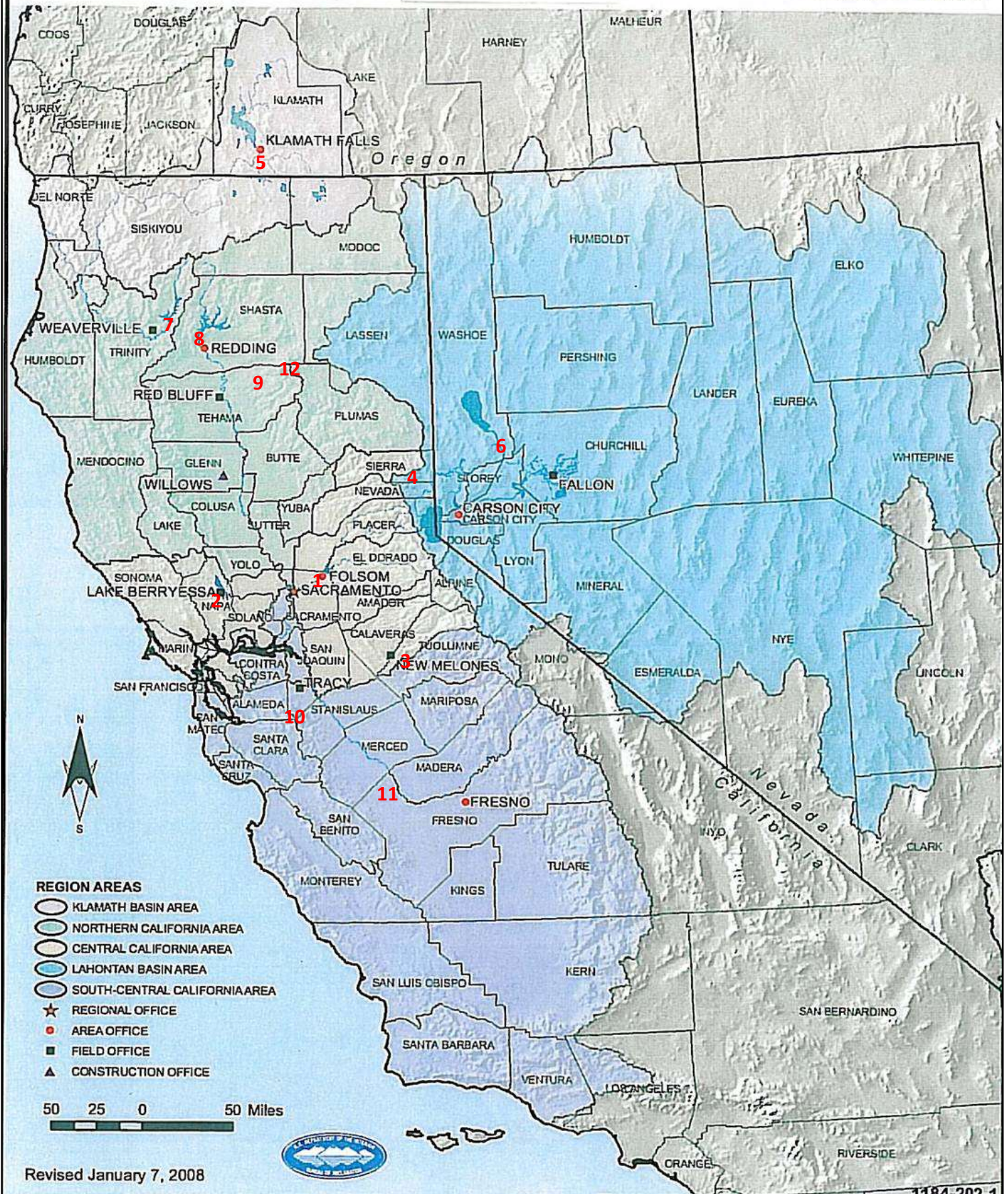
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Mid-Pacific Region

RECLAMATION
Managing Water in the West



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STAFFING - MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 47 construction and administrative employees at the close of this month as follows:

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GLOSSARY OF ACRONYMS AND ABBREVIATIONS

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	April	1.7%
	Time Elapsed	88.5%
	Work Completed	94.4%
Contractor Earnings	April	\$342,009.94
	Previous	\$19,217,681.70
	Total to Date	\$19,559,691.64

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

Invoice No. 15 was received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314, Dennis Schuenemann, MPCO-338.

Phil Moseby, MPCO-327

Number of Contract Employees: 24

Work Performed

Andritz-Hydro completed the installation of both equalizer and circuit rings they also completed insulating jumper connections and main and neutral leads.

Andritz-Hydro completed silicone capping at both the turbine and connection end.

Andritz-Hydro began insulation resistance testing on A, B and C phases. As a result of low insulation resistance measurements and failed polarization index tests, Andritz-Hydro with Reclamation began troubleshooting the generator rewind.

Andritz-Hydro began drying the unit with heaters.

Contract No. R14PC00136
Specification No. 20-C0795
Folsom Dam Civil Maintenance Shops – Building Demolition –
American River Division, Central Valley Project, California
Sapper West, Sacramento, CA

Work Performed	April	4.7%
	Time Elapsed	100%
	Work Completed	93.1%
Contractor Earnings	April	\$21,626.00
	Previous	\$428,303.25
	Total to Date	\$449,929.25

Area Office Project Management

Project Manager: David Nguyen, CCO-600

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

Notice to Proceed was hand delivered to the contractor at the Post-Award meeting held on October 21, 2014.

Invoice No. 3 was received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-3015

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 0

Number of Subcontractor Employees: 0

Work Performed

No onsite work was performed during this period.

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

Work Performed	April	0.0%
	Time Elapsed	64.7%
	Work Completed	51.3%
Contractor Earnings	April	\$327,764.51
	Previous	\$23,268,313.20
	Total to Date	\$23,596,077.71

Area Office Project Management

Project Manager: Kyle Keer, CC-108

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 17 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through February 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 Contract Employees: 85

Work Performed:

Excavation Activities

All excavation has been completed.

Embankment and Chimney Construction

Subcontractor, Granite Construction, continued constructing the chimney and embankment after the winter shutdown ended on April 13th. Between stations 430+00 and 458+00, Granite Construction completed constructing the chimney and embankment from elevation 421 feet to 434 feet. Between stations 413+00 and 430+00, Granite Construction completed Zone A embankment to elevation 442 feet. A week prior to full production Granite removed contaminated fine filter material at locations testing determined the filter material did not meet the specifications. Granite also removed the sand berm and plastic covering that was used to control contamination.

Commercial Material

Granite Construction continued hauling in commercial sand from the Bradshaw plant. No coarse filter material was hauled from commercial sources this month.

Toe Drain Activities

Nor-Cal Pipeline Services completed the initial video inspection of Segments 2, 3, 4, and 5.

All toe drain activities are complete except for the Type B toe drain at stations 458+00 to 460+00 which are being completed in conjunction with the filter chimney zone.

Stockpile Processing activities

Fisher Industries continued processing at their primary processing plant to produce 5-inch minus material, Zone A and B materials, and wash-plant feed.

Fisher Industries set up the following:

- Plant 1: Grizzly Screen that produced Zone A and B materials that were stockpiled.

- Plant 2: Jaw Crusher that produced an 8-inch minus material that was transported to Plant 3 (Cone Crusher). Prescreened 4-inch minus material was stockpiled for Zone B.

- Plant 3: Jaw Crusher and Cone Crusher that produced 1-1/4" material for wash-plant feed.

Fisher Industries continued operation at the wash-plant producing fine filter material, coarse filter material, and byproduct No. 4 and No. 8 materials. The wash-plant currently has two eight-hour shifts.

Fisher Industries blended the onsite and commercial sand at the onsite blending plant in order to supply an acceptable upstream fine filter product.

Kiewit hauled in material from its upper chute and common excavation. Approximately 90 percent of the material was stockpiled on top of MIAD Stockpile A and the remaining was hauled directly to the embankment for Zone A.

Instrumentation

Suulutaaq completed the raising of the 6-inch diameter steel casing and continued raising the 12-inch diameter corrugate metal pipe casings for the piezometers.

Water Pollution Control/Stormwater Pollution Prevention Plan (SWPPP)

Suulutaaq continued maintaining/repairing Best Management Practices onsite as needed.

Stormwater from the nine ponds onsite was pumped into two final settling ponds. Clear Creek Systems treated and discharged the remaining stormwater and demobilized their advance treatment systems equipment. Suulutaaq will use the onsite ponds for SWPPP for the remainder of the year.



Mormon Dam Auxiliary Dam Overlay
Scrapers placing Zone B material at the chimney from station 434+00 to station 458+00, while the motor grader and 20-ton roller spread and compact each lift.

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	April	0.0%
	Time Elapsed	19.5%
	Work Completed	0.0%
Contractor Earnings	April	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Jeff Croshal, CC-607

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representatives: Todd Dooley, MPCO-317

Number of Contractor Employees: 0

Work Performed:

No onsite work was performed during this period.

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	April	0.0%
	Time Elapsed	91.6%
	Work Completed	67.0%
Contractor Earnings	April	\$0.00
	Previous	\$645,444.76
	Total to Date	\$645,444.76

Area Office Project Management

Project Manager: Peter Funkhouser, CC-440

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

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:

No onsite work during this period. Work has been suspended until further notice.

Contract No. R14PC00082
Specification No. 20-C0822
Lake Berryessa Putah Canyon Drinking Water Well – Lake
Berryessa, Solano Project, California
Piedmont Environmental Sciences, Inc., Morrisville, NC

Work Performed	April	0.0%
	Time Elapsed	95.0%
	Work Completed	2.5%
Contractor Earnings	April	\$0.00
	Previous	\$2,200.00
	Total to Date	\$2,200.00

Area Office Project Management

Project Manager: Peter Funkhouser, CC-440

Office Engineering

Contract Manager: Ryan Hennigan, MPCO-211

No Invoice was received during the month of April.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contractor Employees: 0

Work Performed

No on site work was performed during this period.

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

Area Office Project Management

Project Manager: William Vanderwaal

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

Contract was awarded on April 14, 2015. Notice to Proceed was issued on April 29, 2015. No payment was made in the month of April.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contractor Employees: 0

Work Performed:

No onsite work was performed during this period.

Contract No. R14PC00125
Solicitation No. R14PS00697
Folsom Temporary Pump Station – American River Division,
Central Valley Project, California
Contractor Services Group, West Sacramento, CA

Work Performed	April	0.0%
	Time Elapsed	67.8%
	Work Completed	5.5%
Contractor Earnings	April	\$0.00
	Previous	\$100,689.60
	Total to Date	\$100,689.60

Area Office Project Management

Project Manager: Jesse Castro, CCO-607

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

This contract was awarded on September 19, 2014 in the amount of \$1,816,216.00.

No invoice received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Ben Richburg, MPCO-318

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this period.

Contract No. R14PX01080
Solicitation No. R14PS00775
Folsom Hydraulic Cylinder Repair – American River Division,
Central Valley Project, California
Contractor Services Group, West Sacramento, CA

Work Performed	April	43.3%
	Time Elapsed	100%
	Work Completed	98.2%
Contractor Earnings	April	\$70,484.00
	Previous	\$90,060.00
	Total to Date	\$160,544.40

Area Office Project Management

Project Manager: Jesse Castro, CCO-607

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

Invoice No 2 was received this reporting period.

Project is in warranty status

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 0

Number of Subcontractor Employees: 0

Work Performed

No on site work performed during this reporting period.

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Klamath Basin Area Office

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Contract No. R14PC00138
Pivot Gate System, Klamath Basin Area Office. Oregon
Nomlaki Technologies, LLC, Marysville, CA

Work Performed	April	4.0%
	Time Elapsed	100%
	Work Completed	98%
Contractor Earnings	April	\$0.00
	Previous	\$233,700.17
	Total to Date	\$233,700.17

Area Office Project Management

Project Manager: William Vanderwaal, MPCO-122

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 5

Work Performed

During this period the contractor worked one day on the following activities:

CLIN-4 Electrical

Subcontractor Rocky Mountain patched the electrical trench for the power supply to the new pivot gate

CLIN-3 Vertical Pivot Gate System

Subcontractor Superior Fence (SF) technician conducted the Performance Verification Test (PVT). The technician conducted a preliminary test on the gate to make sure everything was ready for the testing.

BOR-KBAO personnel were onsite to witness the PVT test.

The test consisted on the information provided under RSN 1.23-1 PVT Report-Field Certification and PVT Schedule. SF technician followed the procedure indicated in the Performance Verification Test (Schedule); the testing went very well with couple observations.

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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	April	0.0%
	Time Elapsed	74.8%
	Work Completed	8.6%
Contractor Earnings	April	\$0.00
	Previous	\$0.00
	Total to Date	\$183,988.00

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 and Mike Manlick MPCO-313

Number of Contractor Employees: 10

Work Performed

Knight Construction & Supply, Inc.

24" and 18" HDPE pipe was delivered to the site along with the bulkhead gate and construction equipment.

An 8' x 20' office trailer was setup and a temporary power pole was installed.

A temporary bypass system was installed. Three diesel pumps were setup approximately 15' from the Prosser reservoir's shoreline. 24" HDPE pipe with a flow meter was installed between the spillway and the three diesel pumps.

Lighting and ventilation was installed the entire length of the 8' diameter outlet conduit.

Knight Construction installed the transition and 18" butterfly valve immediately downstream of the bulkhead gate.

18" HDPE pipe was installed through the outlet conduit.

A 16" butterfly valve was installed at the downstream end of the outlet conduit and began bypassing water through the 18" HDPE piping.

A temporary 24" HDPE pipe bypass system was operated and monitored to the spillway during the installation of the 18" HDPE bypass system, which was installed through the outlet conduit. Guardrails were installed on the roof of the gate chamber building.

Subcontractor Work Performed by Associated Underwater Services (AUS):

The bulkhead gate was installed immediately downstream of the intake structure within the 8' diameter outlet conduit.

The 18" valve and transition assembly was set immediately downstream of the bulkhead gate within the outlet conduit.



**Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates
Delivery of the three CD300M Diesel water pumps for bypassing water.**



Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates
Knight Construction completes the installation of the three 12-inch pump lines to the manifold from the pumps.



**Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates
Installation of the 24-inch HDPE pipe from the diesel pumps to Prosser Dams
Spillway.**



Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates
The Downstream valve is opened on the bypass system to begin delivering water to the Truckee River.

Contract No. R14PC00083
Specification No. 20-C0823
Marble Bluff Dam, Asphalt Pavement Rehabilitation – Stampede
Division, Washoe Project, California
Site Work Solutions, Inc, Redding CA

Work Performed	April	0%
	Time Elapsed	79.3%
	Work Completed	1%
Contractor Earnings	April	\$0.00
	Previous	\$1,381.00
	Total to Date	\$1,381.00

Area Office Project Management

Project Manager: Scott Schoenfeld, LO-410

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

No invoice was received during this period and no work was performed on site during this period. Onsite work will proceed when weather conditions are conducive for performance of work.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this period. Work scheduled to occur once critical submittals are approved, and favorable weather conditions occur.

Contract No. F13PC00307
Specification No. None
Derby Diversion Dam Slide Gates Rehabilitation – Nevada
Walker River Construction, Inc., Schurz, NV

Work Performed	April	0%
	Time Elapsed	65.7%
	Work Completed	0%
Contractor Earnings	April	\$0
	Previous	\$0
	Total to Date	\$0

Area Office Project Management

Project Manager: Locke Hahne, LO-400

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

A modification is being prepared to replace rather than repair the two sets of slide gate leaves. It is on schedule to be completed in May 2015.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Mike Manlick, MPCO-313

Number of Contractor Employees: 0

Worked Performed

No onsite work was performed this period as work is suspended awaiting the modification to change the requirement from repairing the gates, to replacing the gates.

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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	April	4.2%
	Time Elapsed	94.3%
	Work Completed	89.6%

Contractor Earnings	April	\$501,131.50
	Previous	\$10,237,188.78
	Total to Date	\$10,738,320.28

Area Office Project Management

Project Manager: Joe Ascoli

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

Payment No. 9 was made on April 17, 2015 for work performed in February 2015.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 16

Work Performed

Megger, hi-pot and DC ramp tests.

Cleanup and miscellaneous work.

Turned unit over to Government for reassembly.

Contractor demobilized from the site.

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	April	0.0%
	Time Elapsed	100.0%
	Work Completed	39.4%
Contractor Earnings	April	\$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 in the month of February.

Field Engineering

Construction Manager: Stephen Holmes, MPCO-320

Construction Representative: Daniel 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	April	0.6%
	Time Elapsed	2.7%
	Work Completed	0.6%

Contractor Earnings	April	\$11,504.00
	Previous	\$0.00
	Total to Date	\$11,504.00

Area Office Project Management

Project Manager: Jeff Gifford

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

Contract was awarded on March 11, 2015. Notice to Proceed was issued on March 25, 2015.
Payment 1 was made on April 2, 2015 for bonds and insurance.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Steve Holmes, MPCO-320

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	April	0.0%
	Time Elapsed	82.1%
	Work Completed	86.6%

Contractor Earnings	April	\$0.00
	Previous	\$746,522.47
	Total to Date	\$746,522.47

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Kevin Jacobs, MPCO-214

No invoice was received in the month of March. There was no Office Engineering work performed during this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Daniel 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.

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	April	2.5%
	Time Elapsed	81.8%
	Work Completed	54.6%
Contractor Earnings	April	\$332,053.65
	Previous	\$7,055,900.42
	Total to Date	\$7,387,954.07

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. 15 was received this period for work performed in the month of March 2015.

Modification 017 was executed this month, which extended the contract completion date to February 15, 2016. Modification 018 was executed this month to incorporate switchyard demolition of WAPAs North and South Bus in front of the proposed 8A, Feeder Switchgear, and 6A buildings.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: David Derk, MP-334

Number of Contract Employees: 22

Work Performed

Contra Costa Electric, Inc.:

Grout was placed under the reactor and 6-inch tubular bus columns for building 11A.
The base plates for reactor columns of buildings 8A and 6A were coated.
Control cables were pulled for buildings 6A, B15, 8A.
Some of the cables for buildings 6A, B15, 8A were megger tested, and landed.

Power cables between new unit substation and buildings 6A, 8A, and B15 were installed, tested and landed on breakers.

The control cables from unit substation to the control room were installed and tested.

Power Pros:

Pre function testing for building 11A started in preparation for complete function testing during the last week of this month.

Powell:

Worked on repair items for building 11A

Conxtech:

Was onsite during the placement of concrete in the structural steel columns for the non-segregated bus. Placement of concrete was by a pumper truck which required an outage of the 230 kV lines.



Tracy 13.8kV Switchgear/Breaker Replacement
Control panel CCA2F and CCA3F during function testing of pumps #2 and #6 and the Tie breakers showing indicating lights operational

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	April	0.0%
	Time Elapsed	100%
	Work Completed	93.6%

Contractor Earnings	April	\$83,722.85
	Previous	\$21,974,585.15
	Total to Date	\$22,058,308.00

Area Office Project Management

Project Manager: Cheryl Carter, SCC-105

Office Engineering

Contract Administrator: Casandra Arthur, MPCO-245

Invoice No. 23 was received and forwarded to Denver finance office for processing. It was not for work done for this time period, but for work completed through March 31, 2015.

No modifications were executed during this time period.

Field Engineering

Project Engineer: N/A

Number of Contract Employees: 3

Work performed:

Slayden Construction Group (SCG), along with subcontractor Water Dynamics, continues to clean tanks and maintain process systems. The Advanced Biological Metals Removal (ABMet) System second stage bioreactors are being flushed with service water once a week to maintain the carbon media. Slayden Construction continues to work on outstanding submittals, punch list items and spare parts.

Con Franke was onsite periodically completing Modification 0012/0014 work.

A technical workshop to discuss the revised plant configuration occurred at the end of March and was attended by BOR-MPCO, BOR-TSC, HDR, SCG, and the system manufacturer, GE. After the meeting, work continued internally on the modification for the new configuration to place the ABMet System first in the treatment system process flowchart.

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

Work Performed	April	0.0%
	Time Elapsed	10%
	Work Completed	0.0%
Contractor Earnings	April	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Brian Shinmoto, TO-432

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

Field Engineering

Construction Manager: Stephen Holmes, MPCO-320

Construction Representatives: David Derk, MPCO-334

Number of Contract Employees: 0

Work Performed:

No onsite work was performed during this period. The contractor is scheduled to mobilize beginning May 29, 2015.

Mid-Pacific Regional Office

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Contract No. R13PC20143
Specification No. 20-C0803
North Battle Creek Feeder Dam Access Road Completion - Battle Creek Salmon and Steelhead Restoration Project, California
T. L. Peterson, Inc., Red Bluff, CA

Work Performed	April	0.0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings	April	\$0.00
	Previous	\$360,782.26
	Total to Date	\$360,782.26

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

1-year warranty period began March 3, 2015 and will end March 2, 2016.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jason Foust, MPCO-325

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this period.

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	April	2.0%
	Time Elapsed	100%
	Work Completed	59%

Contractor Earnings	April	\$0.00
	Previous	\$230,276.22
	Total to Date	\$230,276.22

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and processed required submittals.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jason Foust, MPCO-325

Number of Contractor Employees: 8

Work Performed

At Eagle Canyon and North Battle Creek Feeder, Subcontractor Automated Valve Service (AVS) installed new control boards in the gate actuators and Bullert finished running the wiring to the control panels. Tesco controls in conjunction with workers from AVS calibrated the gate control limits.

Subcontractor RTA Construction completed installing expanded metal grating and guardrail at the new CB2 panel location on the flume at North Battle Creek Feeder.

Tesco Controls conducted system testing and training.

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

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Contract awarded April 10, 2015

Post-award meeting held April 28, 2015

Notice to Proceed issued April 28, 2015

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jeffrey Kelly, MPCO-322

Number of Contract Employees: 0

Work Performed

No on-site work was performed during this period.

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Contracts in Warranty Status

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R09PC20R03 20-C0677 Transformer K1A and K2A Replacements, Folsom Power Plant: There was no Office Engineering Administrative activity this period.
5-year warranty for K1A extends to January 30, 2016, and that for K2A extends to January 4, 2017.

R10PC20R11 20-C0730 Red Bluff Pumping Plant and Fish Screen, Pumps and Motors: There was no Office Engineering Administrative activity this period.
3-year warranty extends to August 2015.

R13PC20211 20-7098 New Melones Artifact Storage Building
There is Office Engineering activity this period.
1-year warranty started April 29, 2014 and will end April 28, 2015

R14PC00066 No Spec No. Red Bluff Well Enhancement
There was no Office Engineering Administrative activity this period
1-year warranty period began December 9, 2014 and will end December 8, 2015

R13PC20169 20-C0820 Red Bluff Diversion Dam Decommissioning
There was no Office Engineering Administrative activity period
1-year warranty period began January 13, 2015 and will end January 12, 2015

R13PC20105 20-C0813 Tracy Fish Collecting Facilities, Secondary Louver Replacement: There was no Office Engineering Administrative activity period
1-year warranty period began September 25, 2015 and will end September 24, 2015

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