

# RECLAMATION

*Managing Water in the West*

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

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



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

July 2016

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# CONSTRUCTION PROGRESS REPORT (L-29)

## MID-PACIFIC CONSTRUCTION OFFICE

### MID-PACIFIC REGION

### JULY 2016

## CONTENTS

		PAGE	
LOCATION MAP.....		i	
STAFFING.....		ii	
GLOSSARY OF TERMS.....		iii	
<b>CONTRACT/SPECS OR P.O. NO., CONTRACTOR, AND CONTRACT NAME</b>	<b>PAGE</b>	<b>MAP</b>	
	<b><u>NO.</u></b>	<b><u>NO.</u></b>	
<b>CCAO</b>	<b>1</b>		
R10PC20019    20-C0689    Andritz Hydro Corp. Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement – Folsom Unit, American River Division, Central Valley Project, California	3	1	
R14PC00096    20-C0816    Alltech Engineering Corp. Nimbus Dam Radial Gate Repairs Phase III - Nimbus Dam, American River Division, Central Valley Project, California	4	1	
R13PC20159    20-C0819    GD Nielson Construction, Inc. Lake Berryessa Concessions Area Improvements – Lake Berryessa, Solano Project, California	6	2	
R15PC00132    20-C0845    Woodward Drilling Company Lake Berryessa Putah Canyon Drinking Water Well, Lake Berryessa, Solano Project, California	7	2	
GS-07F-0611F    None    Design Space Modular Modular Office Building - Folsom Dam Resources Building Replacement, Folsom Unit, American River Division, Central Valley Project, California	8	1	
<b>KBAO</b>	<b>9</b>		
R15PC00080    20-C0836    Andrews Contracting Services, LLC Klamath Basin Area Office Sewer Lift Station, Klamath Basin Area Office, Oregon	11	3	
R16PC00076    None    T and S, DVBE, Inc., Anderson, CA Tule Lake Road Improvement Project, Tule Lake National Wildlife Refuge, Tule Lake – Klamath Project, Oregon-California	16	4	

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<b>LBAO</b>	<b>19</b>	
R16PC00062    20-C0850    NW Constructors, Inc. Stampede Dam, Dam Safety Modifications, Stampede Division, Washoe Project, Nevada-California	21	5
<b>NCAO</b>	<b>23</b>	
R15PC00041    20-C0827    Gardner Zemke Company Keswick Powerplant Main Bus Replacement – Shasta Division Central Valley Project, California	25	6
R15PC00089    20-C0831    Contractor Services Group, Inc. Intake 3 Screen Extension, Coleman National Fish Hatchery, Shasta Division, Central Valley Project, California	26	7
R10PC20025    None    Tehama Environmental Solutions, Inc. Coleman Fish Hatchery Water Intakes Vegetation Replacement and Monitoring – Shasta Division, Central Valley Project, California	28	7
R11PC2023S    None    Tehama Environmental Solutions, Inc. Red Bluff Diversion Dam, Fish Passage Improvement Project Terrestrial Mitigation - Sacramento Division, Central Valley Project, California	29	8
<b>SCCAO</b>	<b>31</b>	
R11PC20185    20-C0778    Contra Costa Electric, Inc. Tracy 13.8kV Switchgear/Breaker Replacement – Tracy Pumping Plant and Substation, Delta Division, Central Valley Project, California	33	9
<b>Regional</b>	<b>35</b>	
<b>Contracts in Warranty Status</b>	<b>39</b>	
R09PC20R03    20-C0677 Transformer K1A and K2A Replacements - Folsom Power Plant, Folsom Unit, American River Division, Central Valley Project, California	41	
R10PC20767    20-C0703 Folsom Power Plant U1, U2, and U3 Replacement Runners – Folsom Unit, American River Division, Central Valley Project, California	41	

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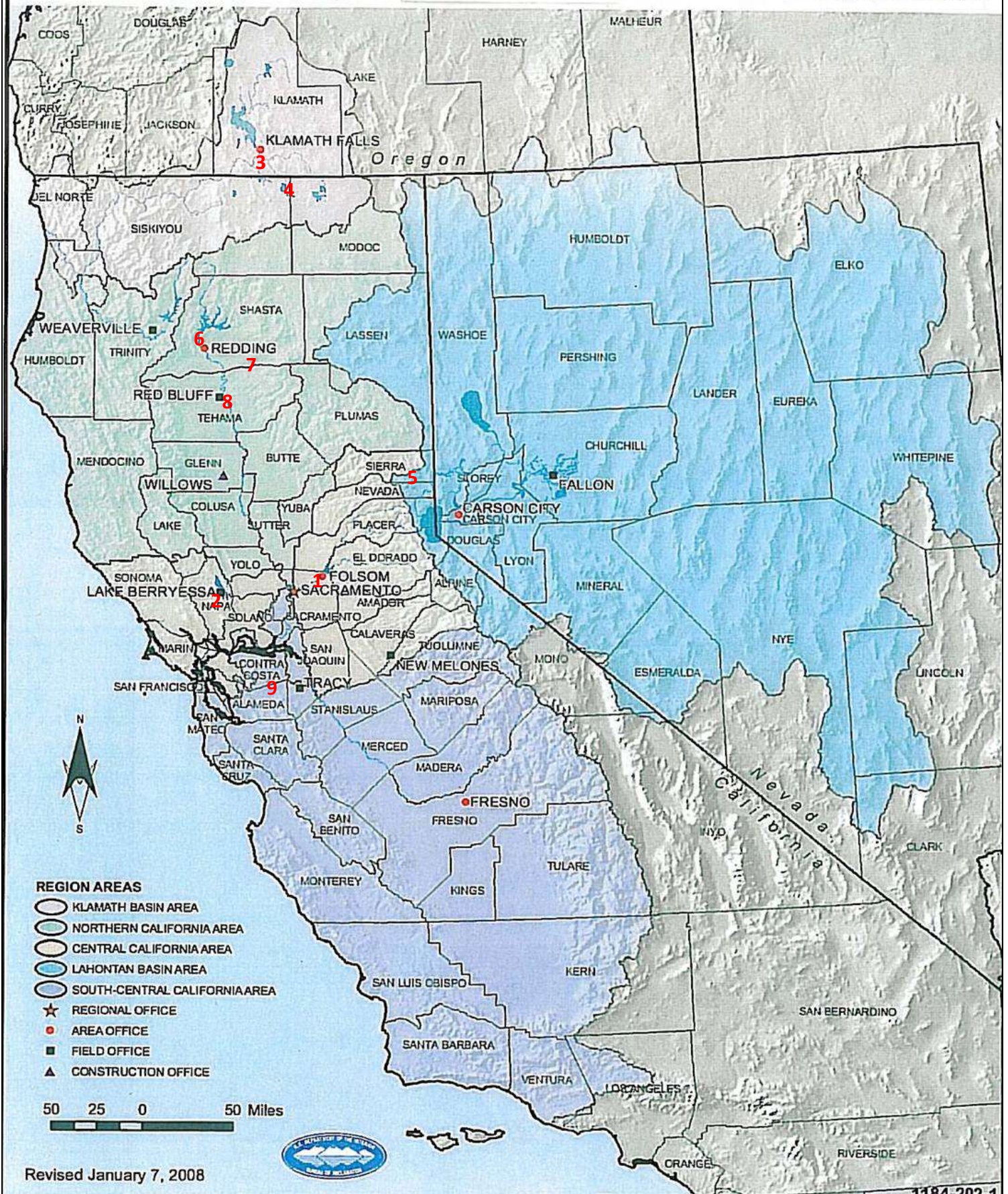
R14PC20096	20-C0816	41
P&H Building Temporary Retrofit, Tracy Pumping Plant and Substation, Delta Division, Tracy Fish Collecting Facility		
R15PC00337	20-C0842	41
Marble Bluff Dam Spillway Repair - Washoe Project, Nevada-California		
R13PC20088	20-C0808	41
Prosser Creek Dam Refurbish High-Pressure Gate Seats and Regulating Gates – Stampede Division, Washoe Project, Nevada-California		
R15PC00090	20-C0840	41
Nimbus Fish Hatchery 16-inch Pipeline Replacement – American River Division, Central Valley Project, California		
R15PC00064	20-C0830	41
New Melones Lift Station Repairs – East Side Division, Central Valley Project, California		
R15PC00102	20-C0839	41
Keswick Fish Trap Brail Replacement - Keswick Dam, Shasta Division, Central Valley Project, California		
R13PC20172	20-C0817	41
JF Carr, Spring Creek, and Trinity Powerplant Pavement Rehabilitation - Trinity River Division, Central Valley Project, California		
R10PC20102	20-C0755	42
Spring Creek Powerplant Generators G1 and G2 Rewind – Trinity River Division, Central Valley Project, California		
R13PC20092	20-C0807	42
Mormon Island Auxiliary Dam Overlay, Safety of Dams Modification - Folsom Unit, American River Division, Central Valley Project, California		
R14PC20508	None	42
Folsom Temporary Pump Station – Folsom Unit, American River Division, Central Valley Project, California		
R13PC20508	20-C0788	42
San Luis Demonstration Treatment Plant – San Luis Unit, West Stanislaus Division, Central Valley Project, California		
R15PC00050	20-C0829	42
Safety and Facility Access Improvements, Hydropower Facility Modifications - Battle Creek Salmon, and Steelhead Restoration Project, California		

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# Mid-Pacific Region

**RECLAMATION**  
Managing Water in the West



Mid-Pacific Region Area Map  
Areas Where Work was Performed



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# STAFFING - MID PACIFIC CONSTRUCTION OFFICE

The Mid-Pacific Construction Office had 39 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.....	18
Division of Office Engineering.....	5
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	July	1.8%
	Time Elapsed	100%
	Work Completed	99.3%
Contractor Earnings	July	\$369,956.70
	Previous	\$20,194,717.92
	Total to Date	\$20,564,674.62

**Area Office Project Management**

Project Manager: Jesse Castro, CC-607

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Invoice Number 19 was received this reporting period, in the amount of \$369,956.70, for work performed April 14, 2016 to June 30, 2016.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314.

Number of Contractor Employees: 0

**Work Performed**

No onsite work performed during this period.

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

Work Performed	July	4.2%
	Time Elapsed	58.4%
	Work Completed	54.4%

Contractor Earnings	July	\$470,189.19
	Previous	\$5,625,361.17
	Total to Date	\$6,095,550.36

**Area Office Project Management**

Project Manager: Jeffery Croshal, CC-611

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Invoice Number 13, in the amount of \$470,189.19, was received this reporting period for work performed from June 1, 2016 to June 30, 2016.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 11

**Work Performed**

**Gate No. 12**

Installation of the new seal and hardware was completed. The guide shoes were installed. The cathodic protection hardware was attached to each of two lifting eye flanges and tested. The lower limit of the travel gauge was set to "0". The gate chamber was flooded as the pier braces were removed. The seepage was confirmed to be within specifications (almost nil). The bulkhead was moved out of the piers at Gate Bay No. 12, to float and anchor it between the piers at Gate No. 11.

**Gate No. 11**

Divers performed an inspection of the piers and the bottom concrete apron. The bulkhead and pier braces were installed at the upstream piers. The bulkhead rubber seals were plugged where water was bypassing into the gate chamber; and the electric pump was put in place to expel any seepage.

The old seal clamp bars along with the old, one-piece gate seal were removed. Measurements and as-built documentation work was completed. Each of the guide shoes was measured for wall clearance and the thickness of the existing shims, and then removed. The wire ropes and equalizer bars were removed. The ladders were removed from each of the gate arms. Each of the two lifting bracket eyes were cleaned and refurbished. New seal clamp bars were fabricated and the Government-furnished seal was drilled and prepped.

Scaffolding was installed and workers began the installation of the polyurethane containment barrier.

#### **Modification 0007 - Underwater Demolition of Concrete Overpour (Gate No. 9)**

Work for modification 0007 was performed during this period. The dive crew used a pneumatic chipping gun to remove a trail of concrete over-pour along the upstream pier apron in front of Gate No. 9.

**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	July	0.0%
	Time Elapsed	100%
	Work Completed	0.0%
Contractor Earnings	July	\$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

**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 – Lake**  
**Berryessa, Solano Project, California**  
**Woodward Drilling Company, Rio Vista, CA**

Work Performed	July	0.0%
	Time Elapsed	36.0%
	Work Completed	0.0%

Contractor Earnings	July	\$0.00
	Previous	\$94,206.77
	Total to Date	\$94,206.77

**Area Office Project Management**

Project Manager: Peter Funkhouser, CC-440

**Office Engineering**

Contract Administrator: Larry Bowman, MPCO-240

Modification 0003 was issued during this period, which added 302 days to the contract, as well as increased the funding by \$150,000.00. Modification 0003 also lifted the November 23, 2015 suspension of work.

**Field Engineering**

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contractor Employees: 0

**Work Performed**

The Contractor mobilized back to the site this period, and cleared the work area and parking lot of vegetation. The Contractor continued drilling the well from 185 feet to 335 feet for a total of 150 additional feet drilled. Liquid drilling fluid polymer (INSTA-VIS Plus) was placed in the drill hole to facilitate drilling efficiency. During the drilling, bedrock was encountered. Samples were taken every ten feet of depth drilled and logged throughout the drilling process. A clay type material was encountered between depths of 254 feet and 263 feet. All drill cuttings were directed to the settlement pond with a 4-inch flex hose.

Dewey Data Inc. performed logging of the well via an E-log to collect data on the spontaneous potential (SP) and resistivity (RES) of the well bore.

After the drilling was performed, the Contractor began demobilizing some of the equipment used.

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

Work Performed	July	0.0%
	Time Elapsed	100%
	Work Completed	0.0%
Contractor Earnings	July	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**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: 8

**Work Performed**

Central California Area Office staff, the MPCO Onsite Government Representative, and the Contractor did a walkthrough of the modular building. It was pointed out to the Contractor that the air flow from the A/C unit was not being received in all the rooms. The Contractor was shown that the A/C air flow was not meeting the contract requirements, and the Contractor agreed to fix the uneven air flow problem.

CCAO wanted to move in their personnel and said that the Contractor could work on the punch list items that needed fixing after the CCAO staff was moved in. The Contractor moved CCAO items into the new building early in July.

There were a few punch list items for the Contractor to fix as well as the A/C air flow. Punch list items included touch up paint and changing out the door locks. The Contractor said that they would be contacting the building manufacture because they were unable to adjust the air flow through the ducting.

# **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	July	11.0%
	Time Elapsed	100%
	Work Completed	23%

Contractor Earnings	July	\$81,305.59
	Previous	\$84,240.06
	Total to Date	\$165,545.65

**Area Office Project Management**

Project Manager: John Menniti, MPCO-110

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Invoice Number 3 was received July 26, 2016, in the amount of \$81,305.59, for work performed from April 22, 2016 to July 11, 2016.

Bilateral Modification 0003, Flowmeter, was executed to furnish and install an in-line flowmeter for the new vault. Modification No. 0003 was executed on July 5, 2016.

Bilateral Modification 0004, Klamath County Changes, was executed to remove four bollards and articulated concrete revetment, and reposition a manhole in Klamath County Right of Way. Modification No. 0004 was executed on July 5, 2016.

Unilateral Modification 0005, Assignment of Claim, was executed in order to make contract payments to a third party at Contractor's request. Modification No. 0005 was executed on July 21, 2016.

A Letter of Concern dated and sent July 22, 2016, concerning Contractor not providing an onsite safety representative at all times while construction work was being performed.

Reviewed Contractor's response to the Letter of Concern was received July 28, 2016. The response promised to provide an onsite safety representative on the job site at all times when construction work is being performed.

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Russell Davies, MPCO-341

Number of Contractor Employees: 10

## **Work Performed**

### **Electrical Conduit Trench**

The contractor returned to the site and began work on the electrical conduit and associated underground work to connect the lift station to the PacifiCorp power pole. Approximately 280 linear feet of trench was excavated, and 260 linear feet of 4-inch diameter conduit was placed. The trench was backfilled following approval of the materials used. A PacifiCorp construction inspector verified the materials were in conformance with their internal specifications.

### **Partial Fusing of Sewer Pipe Sections**

Approximately 1,100 linear feet of the 4-inch diameter high density polyethylene (HDPE) sewer pipe was bonded by Ferguson Pipelines. The newly bonded segments were laid from STA 1+00 to 6+50 and 7+50 to 13+00, in preparation for open cut and trench operations.

### **Arrival of Boring Casing Pipe**

A delivery of 12" diameter steel pipe for the boring casings arrived onsite. The pipe was coated with coal tar epoxy and the ends roughened for future connection by welding.

### **Casing Bore Operations**

Bob's Excavating (earthwork subcontractor) and McBride Excavation (boring subcontractor) completed the two boring operations at the intersections of Joe Wright Road with Washburn Way and Springlake Road, and pilot boring at the intersection of Joe Wright Road and the Union Pacific Railroad. A total of 205 linear feet of 12-inch outside diameter steel casing pipe was installed and will act as structural crossings under other existing subsurface utilities. While the boring operations were in progress, perched groundwater in the excavations was controlled via electric and gasoline powered pumps. Bob's Excavating personnel backfilled the bore pits for the Washburn and Springlake bores with engineered fill. Density testing at each location indicated specified moisture and density values were achieved.



**Klamath Basin Area Office Sewer Lift Station**

**A Pacific Power utility truck was utilized to maintain the position of the power pole during excavation of the Washburn Bore pit by Bob's Excavating. Once the trench shoring was in place and the excavation deemed stable, the truck was removed.**



**Klamath Basin Area Office Sewer Lift Station**  
**A photo showing the welds performed on the boring casing pipe.**



**Klamath Basin Area Office Sewer Lift Station**  
The contractor marking the drill head location with paint after using a magnetometer to find its location.

**Contract No. R16PC00076**

**Specification No. N/A**

**Tule Lake Road Improvement Project – Tule Lake National  
Wildlife Refuge – Klamath Project, California/Oregon**

**T and S, DVBE, Inc., Anderson, CA**

Work Performed	July	0.0%
	Time Elapsed	5.8%
	Work Completed	0.0%
Contractor Earnings	July	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

**Area Office Project Management**

Project Manager: Mike Green, KO-400

**Office Engineering**

Contract Manager: Amber Pierce, MPCO-205

This project was awarded on June 2, 2016. Notice to Proceed (NTP) was issued on June 16, 2016. No invoice was received during this period.

**Field Engineering**

Field Engineer: Brian Wagner, MPCO-300 (COR)

Onsite Government Representatives: Russell Davies, MPCO-341

Construction Control Representative: Jeff Kelly, MPCO-322

Number of Contractor employees: 13

**Work Performed**

The Contractor completed the placement of all material in the Sump 2 region. The roads completed include: A-Dike Rd., Hunt Shack Rd., Pole Line Rd., Pump 10 Rd., Pump 11 Rd., and Lower A-Dike Rd. All of the roads were completed consistent with the original contract and modifications provided by Reclamation. A total of 47,236.80 tons of material were delivered and placed, consisting of 7,858.37 tons of 4-inch minus material 6,476.83 tons of 1½-inch minus material and 32,901.60 tons of ¾-inch minus gravel surfacing material. The material was provided by Knife River Construction and delivered to the site by T and S along with owner operated trucks.





**Tule Lake Road Improvements Project  
Material being spread and compacted in two lifts along Pump 10 Road**

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# **Lahontan Basin Area Office**

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**Contract No. R16PC00062**  
**Specification No. 20-C0850**  
**Stampede Dam - Dam Safety Modifications, Stampede Dam,**  
**Stampede Division, Washoe Project, Nevada-California**  
**NW Constructors, Inc., Bozeman, MT**

Work Performed	July	0.0%
	Time Elapsed	5.0%
	Work Completed	0.9%
Contractor Earnings	July	\$0.00
	Previous	\$204,510.00
	Total to Date	\$204,510.00

**Area Office Project Management**

Project Manager: Todd Hill, MP-240

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

**Field Engineering**

Construction Manager: Kyle Hughes, MPCO-324

Construction Representative: Zahid Wazid, MPCO-349

Number of Contract Employees: 0

Number of Subcontract Employees: 0

**Work Performed**

No on-site work was performed during this period.

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# **Northern California Area Office**

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**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	July	0.0%
	Time Elapsed	100%
	Work Completed	98.8%
Contractor Earnings	July	\$0.00
	Previous	\$2,076,505.99
	Total to Date	\$2,076,505.99

**Area Office Project Management**

Project Manager: Jeff Gifford, NC-620

**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: Stephen Holmes, MPCO-320

Number of Contractor Employees: 5

**Work Performed**

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

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

Work Performed	July	6.9%
	Time Elapsed	63%
	Work Completed	15.6%
Contractor Earnings	July	\$126,864.45
	Previous	\$160,190.55
	Total to Date	\$287,055.00

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Kent Perkes, MPCO-225

Invoice Number 2 was received during this reporting period, in the amount of \$126,864.45, for work performed from April 30, 2016 to June 30, 2016.

**Field Engineering**

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 8

**Work Performed**

**Air Burst System Installation**

Contractor Service Group, Inc. (CSG) installed the 2-inch diameter stainless steel and pneumatic pressure hose for the air burst pipe system, from the receiver tank in the control building to screen structure bays 1, 2, 3, and 4.

**Spray Water System Piping**

The CSG crew installed a section of the spray water system, 4-inch diameter stainless steel piping, supports and the 4-inch strainer. The spray system is ready for the temporary spray water, the section between the sump pumps and the strainer will be installed after the new pumps have been delivered.



### Spray Water Pumps electrical installation:

Subcontractor, Bullert Electric, installed two disconnect switches right by the pressure reducing station for the new sump pumps. The subcontractor also installed two shut off electrical boxes inside the control building for the new sump pumps. They ran the conduits and conductors from the control building to the structure, as well as, pulled the wire from the Motor Control Center (MCC) to each of the disconnect switch boxes for the new sump pumps. The electrician also installed junction boxes on each of the bays for the spray water and air burst solenoids.



**Intake 3, Screen Extension Coleman National Fish Hatchery  
The two new electrical boxes installed for the new sump pump motors.**

**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	July	6.3%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings	July	\$53,916.96
	Previous	\$807,624.65
	Total to Date	\$861,541.61

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

Final Invoice Number 26 was received this reporting period, in the amount of \$53,916.96, for work performed from March 1, 2016 to July 31, 2016.

**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	July	.54%
	Time Elapsed	73.6%
	Work Completed	98.9%
Contractor Earnings	July	\$26,088.36
	Previous	\$4,780,041.77
	Total to Date	\$4,806,130.13

**Area Office Project Management**

Project Manager: Hank Harrington, NC-210

**Office Engineering**

Contract Manager: Kevin Jacobs, MPCO-214

Invoice Number 21 was received in July, in the amount of \$26,088.36, for work performed April 1, 2016 to June 30, 2016.

**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	July	0.0%
	Time Elapsed	100%
	Work Completed	92.5%
Contractor Earnings	July	\$0.00
	Previous	\$12,558,883.01
	Total to Date	\$12,558,883.01

**Area Office Project Management**

Project Manager: William Dutton, TO-435

**Office Engineering**

Contract Manager: Amber Pierce, MPCO-205

**Field Engineering**

Field Engineer: Stephen Holmes MPCO-320

Construction Control Representative: David Derk, MPCO-334

Number of Contractor employees this month: 6

**Work Performed**

Punchlist items were completed. All field work has now been completed.

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# **Mid-Pacific Regional Office**

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**There are currently no contracts in this area.**

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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 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

**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 October 1, 2015, and will end September 30, 2016.

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

**R15PC00090 20-C0840 Nimbus Fish Hatchery 16-inch Pipeline Replacement, Central Valley Project, California:** There was no Office Engineering Administrative activity during this period. The 1-year warranty period began October 22, 2015, and will end on October 21, 2016.

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

**R15PC00102 No. 20-C0839 Keswick Fish Trap Brail Replacement, Keswick Dam, California:** Final as-built drawings were reviewed by Office Engineering during this period. The 1-year warranty period began December 22, 2015 and will end December 21, 2016.

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

**R10PC2010 No. 20-C0755 Spring Creek Powerplant Generators G1 and G2**

**Rewind – Trinity River Division, Central Valley Project, California:** There was no Office Engineering Administrative activity during this period. The 3-year warranty period began October 1, 2015 and will end September 30, 2018.

**R13PC20092 No. 20-C0807 Mormon Island Auxiliary Dam Overlay, Safety of Dams Modification - Folsom Unit, American River Division, Central Valley Project, California:** Office Engineering processed Invoice Number 30, received this reporting period in the amount of \$820,162.76, for work performed from June 1, 2016 to June 30, 2016.

Modification Number 12 was executed during this reporting period decreasing the contract by \$321,681.29 after a variation in estimated quantity analysis was performed. The 1-year warranty period began October 28, 2015 and will end October 27, 2016.

**R14PC00125 None Folsom Temporary Pump Station – 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 October 2, 2015, and will end October 1, 2016

**R13PC20508 20-C0788 San Luis Demonstration Treatment Plant – San Luis Unit, West San Joaquin Division, Central Valley Project, California:**

There was no Office engineering Administrative activity during this period. The 1-year warranty period began June 30, 2016 and will end June 29, 2017.

**R15PC00050 20-C0829 Safety and Facility Access Improvements – Hydropower Facility Modifications - Battle Creek Salmon and Steelhead Restoration Project, California:**

There was no Office Engineering Administration activity during this period. The 1-year warranty period began January 26, 2016 and will end January 25, 2017.