

# RECLAMATION

*Managing Water in the West*

**MP CONSTRUCTION OFFICE**

**Willows, California**

**Construction Progress Report L-29**

**November 2013**



Baldwin Creek Fish Barrier

This photo shows the water rising to flow over the fish barrier.



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



CONSTRUCTION PROGRESS REPORT (L-29)  
MP CONSTRUCTION OFFICE  
MID-PACIFIC REGION  
November 2013

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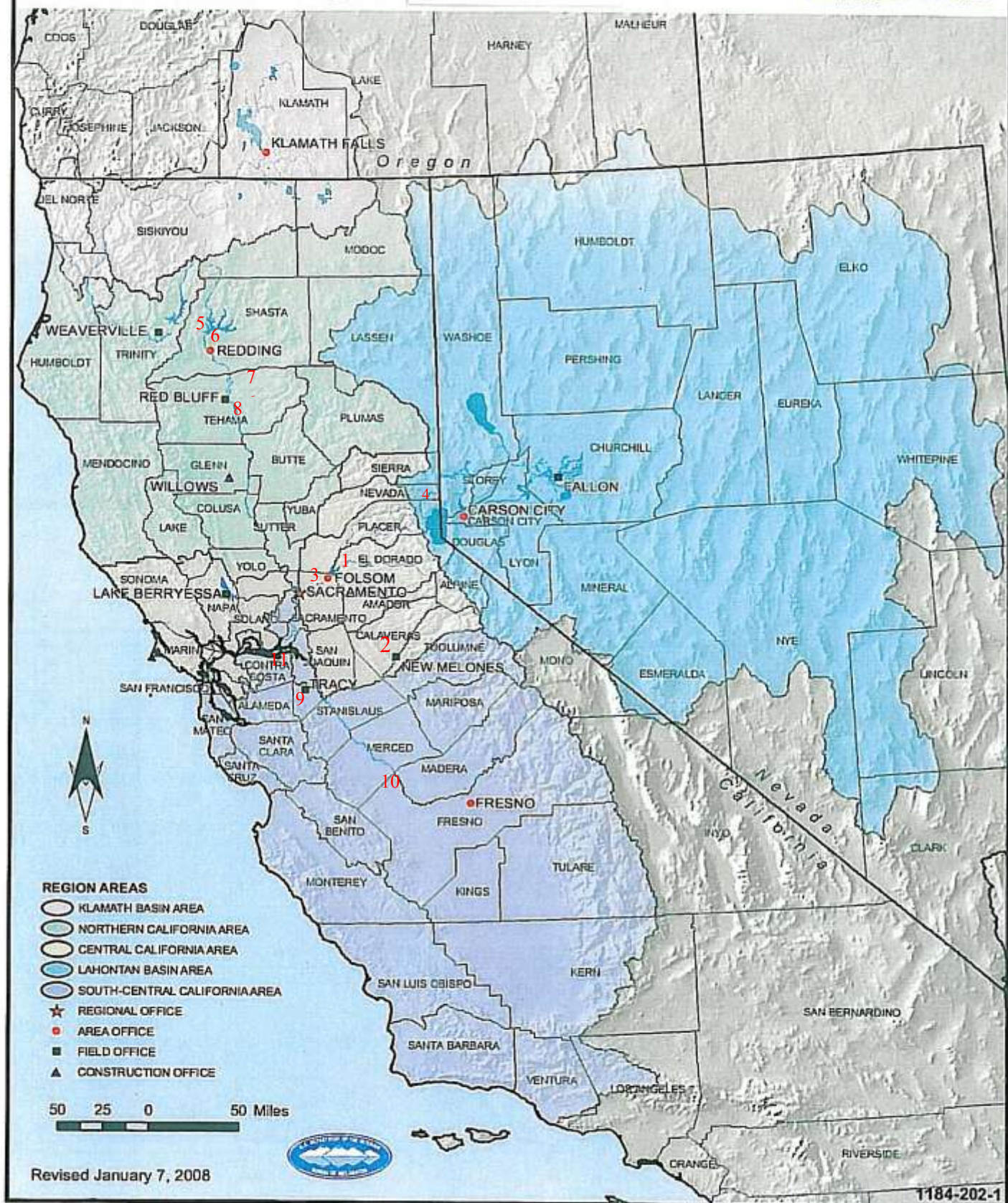
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# Mid-Pacific Region

**RECLAMATION**  
Managing Water in the West







## **STAFFING – MID PACIFIC CONSTRUCTION OFFICE**

The Mid Pacific Construction Office had 58 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward & Project Management Group	3
Administrative Management	9
Division of Field Engineering	26
Division of Office Engineering	11
Materials Lab Branch	7





## **GLOSSARY OF ACRONYMS AND ABBREVIATIONS**

### **MEANING**

ARRA	American Recovery and Reinvestment Act
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









CCAO



Contract No. R10PC20R15

Specification No. 20-C0649A

Fixed Wheel Gate Rehabilitation – Folsom Unit, American River Division, Central Valley

Project, California

Abide International, Inc., Sonoma, CA

Work Performed:	November	0%
	Time Elapsed	100%
	Work Completed	80.5%
Contractor Earnings:	November	\$221,445.35
	Previous	\$7,768,062.82
	Total to Date	\$7,988,508.17

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice 12 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through August 31, 2013.

A modification to definitize all previous modifications and resolve uncompleted work is being developed.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Gustavo Aguilera, MPCO-337; Bill Linder, MPCO-312; Howard Diedrich, MPCO-316

Number of Contract Employees: 0

Work Performed:

No site work was performed this period. Although the contractor did not complete the contract site work, it will perform no further site work.

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:	November	0%
	Time Elapsed	81.0%
	Work Completed	76.8%

Contractor Earnings:	November	\$0
	Previous	\$15,685,567.71
	Total to Date	\$15,685,567.71

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Madelyn Giles, MPCO-210

No invoices were received this period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contract Employees: 2

Work performed:

November 12 and November 13: Contractor roughed in the Basler PSS and four sets of states test switches within Cabinet EX02 of the Unit 2 exciter.

November 13 through November 19: Contractor made wiring connections between three relays (Basler PSS, Schweitzer 551, and Beckwith M345A) and Test Switches X98, X97, X96 and X95.

November 21 through November 26: Contractor made wiring connections between Test Switches X98, X97, X96 and X95 and the exciter at Unit 2.



Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement  
Depiction of wired connections between test switch X95 and the Beckwith relay

Contract No. R10PC20767

Specification No. 20-C0703

Folsom Power Plant U1, U2, and U3 Replacement Runners – Folsom Unit, American River

Division, Central Valley Project, California

Voith Siemens Hydro Power Generation, Inc., York, PA

Work Performed:	November	0%
	Time Elapsed	97.0%
	Work Completed	74.0%
Contractor Earnings:	November	\$0
	Previous	\$5,485,812.79
	Total to Date	\$5,485,812.79

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Madelyn Giles, MPCO-210

No invoices were received this period.

Field Engineering

Construction Manager: N/A supply contract

Construction Representative: N/A supply contract

Number of Contract Employees: N/A supply contract

Work performed: N/A supply contract



Contract No. R10PC20114

Specification No. 20-C0754

Folsom Dam – Safety of Dams Modification – MIAD Key-Block – Folsom Unit, American

River Division, Central Valley Project, California.

Shimmick Construction Co., Inc., Sacramento, CA

Work Performed:	November	0.4%
	Time Elapsed	100%
	Work Completed	95.9%

Contractor Earnings:	November	\$187,783.02
	Previous	\$43,421,100.20
	Total to Date	\$43,608,883.22

Area Office Project Management

Project Manager: Larry Hobbs, CC-106

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice 34 was received and forwarded to the Denver finance office for processing.

All that remains is settling a request for equitable adjustment for encountering harder than expected bedrock while drilling.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Howard Diedrich, MPCO-316; Sean Frische, MPCO-317

Number of Contract Employees: 0

Work Performed:

No site work was performed since all site work was complete in February 2013. The substantial completion date was January 4, 2013.

Contract No. R12PC20104

Specification No. 20-C0792

Northfork Pipeline Repair Folsom Pumping Plant – Folsom Unit, American River Division,

Central Valley Project, California

Anderson-Burton Construction, Inc., Arroyo Grande, CA

Work Performed:	November	0%
	Time Elapsed	100%
	Work Completed	92.7%

Contractor Earnings:	November	\$0
	Previous	\$1,573,404.26
	Total to Date	\$1,573,404.26

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Madelyn Giles, MPCO-210

No invoices were received this period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314; Mike Manlick, MPCO-313

Number of Contract Employees: 10

Work Performed:

The contractor worked three days installing seven valves.



Northfork Pipeline Repair Folsom Pumping Plant  
New valve installed on pipeline (lighting causes golden appearance)

Contract No. R13PC20211

Specification No. 20-C0798

New Melones Artifact Storage Building – New Melones Unit, East Side Division, Central Valley Project, California

B. C. Schmidt Construction, Inc., Williams, CA

Work Performed:	November	0%
	Time Elapsed	82.5%
	Work Completed	10.1%
Contractor Earnings:	November	\$52,242.61
	Previous	\$96,270.94
	Total to Date	\$148,513.55

Area Office Project Management

Project Manager: Laureen Perry, MP-153

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

Invoice 4 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through September 30, 2013.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contract Employees: 15

Work Performed:

Civil Activities:

- Excavated soil and located the existing water line;
- Continued and completed soil excavation soil for new electrical and telecom utilities;
- Prepared the building pad for concrete placement;
- Placed sand in the electrical and telecom trench between the new building and existing building;
- Tied together the rebar mat for the slab;
- Placed the concrete slab for the storage area and rooms 103 through 105.

Plumbing Activities:

- Added vent pipes, three floor drains, and installed trap primers to the floor drains.

Electrical Activities

- Began attaching the conduit to the exterior wall of the existing maintenance building
- Laid out bare stranded # 2 AWG conductor at the building site

Testing:

- Construction Testing & Engineering Inc. performed one test of re-compacted backfill at a test pit.



New Melones Artifact Storage Building

Vaca Valley Excavating and Trucking laborers using trowels and floats to finish the wet concrete slab

Contract No. R13PC20084

Specification No. 20-C0805

Nimbus Powerplant Transformer Anchorage System – Folsom Unit, American River Division,  
Central Valley Project, California

Collins Electrical Company, Inc., Stockton, CA

Work Performed:	November	0%
	Time Elapsed	58.5%
	Work Completed	15.1%
Contractor Earnings:	November	\$0
	Previous	\$23,948.82
	Total to Date	\$23,948.82

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Ben Richburg, 338-5117

Number of Contract Employees: 0

Work Performed:

No work was performed this period. Site work was scheduled to begin in October 2013, but was cancelled due to the federal government furlough. A modification is being prepared to extend the contract completion date from November 29, 2013, to March 31, 2014.

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:	November	0%
	Time Elapsed	10.7%
	Work Completed	0.8%
Contractor Earnings:	November	\$111,590.00
	Previous	\$236,199.00
	Total to Date	\$347,789.00

Area Office Project Management

Project Manager: Chelsea Stewart, CC-417

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 2 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through September 30, 2013.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317; Bill Linder, MPCO-312; Kyle Hughes, MPCO-324; Gustavo Aguilera, MPCO-337; Zahid Wazid, MPCO-349

Number of Contract Employees: 46

Work Performed:

Mobilization and preliminary work included the following:

- Suulutaaq performed the following work:
  - With Granite Construction and Fisher Industries continued mobilizing equipment for the first phase of work, located between the right abutment and knoll;
  - Completed construction and signage installation at the recreational trail detour, and opened the recreational trail detour;
  - Continued installing 2013 winter best management practices in accordance with the stormwater pollution prevention plan;
  - Continued installing temporary utilities.
- Fisher Industries completed mobilization of equipment for processing oversized material at MIAD stockpile (excavator with hoe ram and gyro-cone crusher), and the sand-wash plant and additional conveyors needed for the sand processing plant.
- Granite Construction and Triangle Excavation finished clearing and grubbing and removing trees within Overlay footprint.

- Triangle Excavation completed chipping and removing mulch from the site.
- Triangle Excavation completed removing waste fence from the site.
- Earth-Cam completed installation of Project Monitoring System.
- Restoration Resource completed removal and transplant of Elderberry bushes.

#### Excavation activities:

Granite Construction finished stripping the foundation and knoll area between stations 413+00 and 430+00. Four 637 Caterpillar scrapers hauled the topsoil between the above station to the south side of the MIAD stockpile and a Caterpillar 14H grader and Caterpillar D8 dozer assisted the stripping operation. With the exception of the processing plant site, Granite Construction finished stripping the area.

Granite Construction finished excavating the 3-horizontal: 1-vertical slope on the knoll. A Caterpillar D8T dozer and four Caterpillar 637 scrapers were utilized for this operation. Most of the clay excavated material from the knoll that, contained clay, was disposed to the far southwest side of the contractors use area. Some of the ripped bedrock material was deposited at MIAD stockpile for processing.

Granite Construction started and finished excavating to suitable foundation in the wetlands for what is classified as Stage 1 and Stage 2 wetland excavation. Excavation between stations 417+00 and 429+00 was completed using four Caterpillar 637 scrapers and a Caterpillar D8 dozer.

Granite Construction started excavating shell material from the embankment between stations 413+00 and 434+00. Two D8 dozers were utilized for this operation. The initial 1 foot cut will be utilized for final cobble slope protection.

#### Backfill activities:

Granite Construction started backfilling Zone B material at the wetland foundation (Stage 1 work). Four Caterpillar 637 scrapers, a Caterpillar 14H motor-grader, water truck, a Caterpillar D8 dozer, a Caterpillar CP563E padded foot roller and Caterpillar CS54B smooth drum roller were utilized for this operation. CTS provided quality control services.

#### Stockpile Processing Activities:

Fisher Industries continued processing MIAD stockpile material. The processed materials consisted of 1x3-1/4-inch aggregate intended for Phase 4, 1-inch aggregate base for Phase 4, filter sand for Overlay Project, and 1-1/4-inch pre-screened material intended for either Shell Zone A or Zone B material. Major equipment utilized for processing consisted of two chain feeders, two jaw-crushers, one horizontal shaft impact crusher, two stackers, and approximately 2700 feet of conveyor belts. Kiewit started hauling out material processed for Phase 4 of the work.





Mormon Island Dam Auxiliary Dam Overlay  
Overview of site



KBAO



There were no active construction projects underway for the Klamath Basin Area Office in November 2013.



# LBAO





Contract No. R12PC20137

Specification No. 20-C0796

Prosser Creek Dam OHV Bridge Crossing – Stampede Division, Washoe Project, California

Algerine West Construction, Inc., Jamestown, CA

Work Performed	November	0%
	Time Elapsed	100%
	Work Completed	64.2%

Contractor Earnings	November	\$0
	Previous	\$102,335.00
	Total to Date	\$102,335.00

Area Office Project Management

Project Manager: Locke Hahne, LO-400

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

The work remaining for the contractor to perform: repair the damaged endwalls, replace two damaged braces, and provide as-built drawings.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contract Employees: 0

Worked Performed:

No site work was performed this period.

.



NCAO



Contract No. R10PC20744

Specification No. 20-C0712

J.F. Carr Power Plant, Generator G1 and G2 Rewinds – Trinity River Division, Central Valley Project, California

National Electric Coil, Inc., Columbus, OH

Work Performed	November	0%
	Time Elapsed	100%
	Work Completed	96.5%

Contractor Earnings	November	\$0
	Previous	\$14,889,222.14
	Total to Date	\$14,889,222.14

Area Office Project Management

Program Manager: John Dotter, NC-261

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

We are working with the contractor on completing outstanding modifications.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Worked Performed:

The contractor completed all site work in December 2012.

Contract No. R10PC20102

Specification No. 20-C0755

Spring Creek Powerplant Generators G1 and G2 Rewinds – Trinity River Division, Central Valley Project, California

Andritz Hydro Corp., Charlotte, NC

Work Performed:	November	0%
	Time Elapsed	100%
	Work Completed	69.9%

Contractor Earnings:	November	\$0
	Previous	\$7,923,921.77
	Total to Date	\$7,923,921.77

Area Office Project Management

Project Manager: Joe Ascoli, NC-650

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Work performed:

No site work was performed this period. The restart of site work has not yet been determined.

Contract No. R12PC20053

Specification No. 20-C0789

Shasta Powerplant Control and Computer Room HVAC Replacement – Shasta Division, Central Valley Project, California

Ray-Mac Mechanical, Inc., Mt. Shasta, CA.

Work Performed:	November	0%
	Time Elapsed	100.0%
	Work Completed	94.3%
Contractor Earnings:	November	\$0
	Previous	\$309,680.00
	Total to Date	\$309,680.00

Area Office Project Management

Project Manager: Bob Gee, NC-230

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

Notice to Proceed date: April 26, 2012

No invoices were received this period.

The contractor has only to complete final submittals.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Work performed:

No site work was performed as the contractor completed all site work in October 2012. The substantially complete date was October 5, 2012.

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:	November	0%
	Time Elapsed	54.7%
	Work Completed	92.8%
Contractor Earnings:	November	\$8,312.96
	Previous	\$648,578.56
	Total to Date	\$656,891.52

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

Invoice 19 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through September 30, 2013.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 0

Work performed:

The contractor's current activity consists of maintaining vegetation it planted in 2010.



Contract No. R11PC20235

Specification No. None

Red Bluff Diversion Dam, Fish Passage Improvement Project, Terrestrial Mitigation –  
Sacramento Canals Unit, Sacramento River Division, Central Valley Project, California  
Tehama Environmental Solutions, Inc., Red Bluff, CA

Work Performed:	November	0%
	Time Elapsed	29.4%
	Work Completed	89.1%

Contractor Earnings:	November	\$0
	Previous	\$4,285,553.53
	Total to Date	\$4,285,553.53

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

No invoices were received this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: David Derk, MPCO-334

Number of Contract Employees: 4

Work performed:

The contractor weeded, continued monitoring the growth of the new plant, and removed the irrigation system for the winter.



SCCAO



Contract No. R11PC20185

Specification No. 20-C0778

Tracy 13.8kV Switchgear/Breaker Replacement – Tracy Pumping Plant and Substation – Central Valley Project, California

Contra Costa Electric Corp., Martinez, CA

Work Performed:	November	0%
	Time Elapsed	57.1%
	Work Completed	9.9%
Contractor Earnings:	November	\$0
	Previous	\$1,292,342.61
	Total to Date	\$1,292,342.61

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

This is a design/build contract.

No invoices were received this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Ryan Puryear, MP-250

Number of Contract Employees: 5

Work performed:

The contractor verified existing wiring and using that information in their approval drawing submittals for the 13.8kV switchgear, control room, and Control Boards and Panel Skins CCA-1 through CCA-6. The contractor is having difficulty producing accurate information in the submittals as they have been disapproved by the Regional Engineer twice. The electrical engineer from the Regional Office that is working on this contract met with the contractor and subcontractor, EETS (switchgear designers), to resolve the issues in the approval drawings submittal.

The contractor had the UPS batteries shipped to the site this month and lowered them into the basement of the control room where they are currently being stored.

Contract No. R12PC20062

Specification No. 20-C0785

Tracy Fish Collection Facility - Trash Rake Monorail Extension – Delta Division, Central Valley Project, California

Monterey Mechanical Co., Oakland, CA

Work Performed:	November	0%
	Time Elapsed	100%
	Work Completed	90.1%

Contractor Earnings:	November	\$0
	Previous	\$658,756.43
	Total to Date	\$658,756.43

Area Office Project Management

Project Manager: David Tsao, TO-435

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

The contractor has only to complete final submittals.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Work performed:

No site work was performed this period as site work is complete and the date of substantial completion was April 24, 2013.

Contract No. R12PC20107  
Specification No. 20-C0788  
San Louis Demonstration Treatment Plant – San Luis Unit,  
West Stanislaus Division, Central Valley Project, California  
Slayden Construction Group, Inc., Stayton, OR

Work Performed:	November	0%
	Time Elapsed	81.0%
	Work Completed	57.5%
Contractor Earnings:	November	\$2,323,184.57
	Previous	\$10,647,939.13
	Total to Date	\$12,971,123.70

Area Office Project Management  
Project Manager: Cheryl Carter, SCC-105

Office Engineering  
Contract Administrator: Casandra Arthur, MPCO-245

Invoice 11 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through October 31, 2013.

Field Engineering  
Construction Manager: Dave Arter, MPCO-315  
Onsite Government Representative: John Nelson, MPCO-328  
Project Engineer: Chris Van Deusen, MPCO-345  
Construction Control Inspector: Philip H. Vanderwal

Number of Contract Employees: 40

Work performed:

The contractor performed the following:

- Continued to prepare foundations, set forms and make concrete placements for ditch pump slabs, the booster pump, thrust blocks, and tank pads;
- Continued to place and compact embankment around the treatment building;
- Installed and anchored treatment system tanks;
- Installed plumbing in the treatment building and treatment areas for various systems;
- Continued installation of the treatment system and piping;
- Supported subcontractor work as required.

CMC Rebar ironworkers placed and tied rebar for concrete placements.

Con J Franke Electrical continued installing electrical system throughout the project including grounds, conduit, conductor, and junction boxes. They began pulling conductors for lighting and receptacles.

O'Dell Engineering provided Stormwater Pollution Prevention Plan inspections and monitoring. O'Dell also provided quantity surveys and control points for construction activities.

Mason Painting continued to prepare surfaces and paint treatment building interior features.

James Long Construction Services continued to install features of the heating, ventilation, and air conditioning system.

L&L Interiors continued to install various features of the treatment building interior.

Paso Robles Tank completed erection of the sump water storage, and supplemental water storage tanks.



San Louis Demonstration Treatment Plant  
Mezzanine level of treatment building



Contract No. R13PC20194

Specification No. 20-C0800

Tracy Facility Pavement Rehabilitation – Delta Division, Central Valley Project, California

Allright Construction, Inc., Kerman, CA

Work Performed	November	0%
	Time Elapsed	67.5%
	Work Completed	90.7%

Contractor Earnings	November	\$0
	Previous	\$578,982.80
	Total to Date	\$578,982.80

Area Office Project Management

Project Manager: Brian Shinmoto, TO-430

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 0

Worked Performed:

No work was performed this period as all work was completed in October 2013.

Contract No. R13PC20105

Specification No. 20-C0813

Tracy Fish Collecting Facilities, Secondary Louver Replacement – Delta Division, Central Valley Project, California

Valentine Corporation, San Rafael, CA

Work Performed	November	0%
	Time Elapsed	16.9%
	Work Completed	0%
Contractor Earnings	November	\$0
	Previous	\$0
	Total to Date	\$0

Area Office Project Management

Project Manager: Warren Feng, TO-438

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Fernando Pavone, MPCO-333

Number of Contract Employees: 3

Worked Performed:

The contractor mobilized on site and measured dimensions of existing features.



Tracy Fish Collecting Facilities, Secondary Louver Replacement  
The contractor's worker assisting the crew making measurements inside the pump pit to facilitate installation of the new pumps and fish screen



# Regional



Contract No. R10PC20R42

Specification No. 20-C0746

Hydropower Facility Modifications - Stage 1 – ARRA Project No. 14.000 - Battle Creek Salmon and Steelhead Restoration Project, California

RTA Construction/Ray Toney JV, Redding, CA

Work Performed:	November	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	November	\$0
	Previous	\$10,189,508.44
	Total to Date	\$10,189,508.44

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

No invoices were received this period.

The contractor has to complete final submittals. A claim remains to be resolved.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Field Inspectors: Jason Foust, MPCO-325

Number of Contract Employees: 0

Work performed:

The contractor completed all site work in March, 2013 and the substantially complete date was March 15, 2013.

Contract No. R10PC20R80

Specification No. 20-C0759

Drought Relief – Construction of New Wells – ARRA Project No. 28.002 – California

Layne Christensen Company, Fontana, CA

Work Performed:	November	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	November	\$0
	Previous	\$15,410,957.82
	Total to Date	\$15,410,957.82

Area Office Project Management

Project Manager: Kevin Clancy, MP-410

Office Engineering

Contract Administrator: John Zimmerman, MPCO-232

No invoices were received this period.

The only remaining work is for the contractor to provide the final submittal for one well.

Field Engineering

Construction Manager: John E. Nelson, MPCO-328

Construction Representative: John E. Nelson, MPCO-328

Number of Contract Employees: 0

Work performed:

No site work was performed this period as all site work was completed in June 2013.



Contract No. R13PC20005

Specification No. 20-C0799

Baldwin Creek Fish Barrier – Battle Creek Salmon and Steelhead Restoration Project, California

Contractor Services Group, Inc.

Work Performed:	November	0%
	Time Elapsed	76.2%
	Work Completed	66.1%

Contractor Earnings:	November	\$673,642.65
	Previous	\$1,750,631.95
	Total to Date	\$2,424,274.60

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

Invoice 6 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through October 18, 2013.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Construction Inspector: Jason Foust, MPCO-325; Jeff Kelly, MPCO-361

Number of Contract Employees: 28

Work performed:

On Tuesday the 19th, the Engineer of Record was onsite to observe the removal of the diversion dam and the full release of Baldwin Creek over the fish barrier structure.

Mobilization: SRC began demobilization during this period. All unnecessary tools were loaded into one of the two storage containers and removed from the site.

Cast In-Place Concrete for Fish Barrier Structure and Abutments: SRC placed concrete in the upstream access ramp next to the weir cap 1-11, the downstream access ramp, and the concrete slope protection 2-5 completing all concrete work for the project.

SRC finished placing the Sikaflex 2C joint sealant compound in the expansion joints and saw-cuts and completed patching all of the surface irregularities and snap-tie holes.

Seeding: M&S Environmental Landscapes applied ½ acre of hydro-seed to the project and will be completed at a later date.

Clearing: CSG finished clearing the fence line for the barbed wire and water gap fencing.

Water Gap Fences: CSG began drilling holes for the posts for the u/s and d/s water gap fences and finished installing the water gap fences this period

Compacted Backfill: Compacted backfill was completed upstream of the weir cap and north of the wing walls which completes the backfill for the structure.

Waste Rock Fill and Slope Protection: CSG finished placing waste rock fill around the northern abutment walls and upstream of the barrier structure on the right side of the creek bed.

Gravel Surfacing: CSG continued placing and compacting a 2" lift of aggregate base on the access road and from Cattle Guard 4 to the jobsite.

Weir Cap: SRC began and finished installing the stainless steel weir cap.

Barbed Wire Fencing: CSG continued drilling 3" diameter 1' deep holes for the posts for the barbed wire fencing and began grouting the fence posts into place with a 4,000 psi pre-mixed concrete.

Use of Site: SRC began rehabilitating the land by performing an extensive clean-up of the site.

Flashboard Weir: SRC constructed the flashboard weir boards for the Asbury weir and were installed.

Grout for Slope Protection: The grout placement for the grouted slope protection was completed this period.

Diversion and Care of Baldwin Creek: The de-watering system was removed from the creek during this period and on Monday the 18th, water began to flow through the project over the new barrier weir. Removal of the diversion was completed this period completing all in-stream work.

Precast Reinforced Concrete Box Culvert: CSG installed the box culvert in the access road embankment for the box culvert for the Asbury Pipeline but did not complete the backfill this period.



### Baldwin Creek Fish Barrier

Completed fish barrier structure with all of the downstream dunnage and bents removed from the creek bed.



# Contracts in Warranty Status



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.

R10PX20R54 20-C0750 Drought Relief, Well Enhancements

There was no Office Engineering Administrative activity this period.

1-year warranty extends to December 6, 2013.

R10PC20859 -- Folsom Dam and Powerplant Site Security System

There was no Office Engineering Administrative activity this period.

1-year warranty extends to December 28, 2013.