

RECLAMATION

Managing Water in the West

MP CONSTRUCTION OFFICE

Willows, California

Construction Progress Report L-29

April 2014



Tracy Fish Collecting Facilities, Secondary Louver Replacement
A fish screen being unloaded



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

CONSTRUCTION PROGRESS REPORT (L-29)
 MP CONSTRUCTION OFFICE
 MID-PACIFIC REGION
 APRIL 2014

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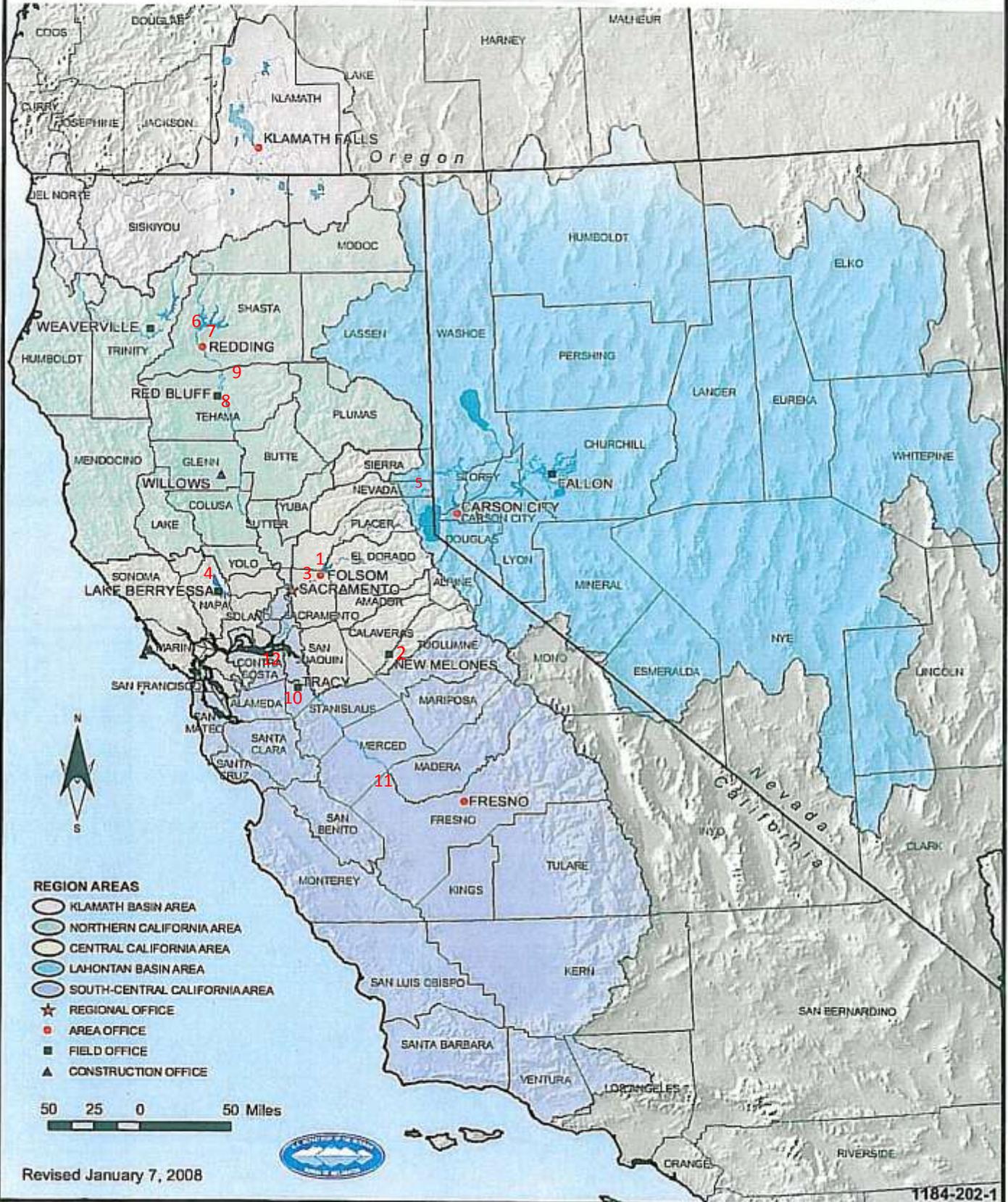
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Mid-Pacific Region

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	24
Division of Office Engineering	10
Materials Lab Branch	7

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

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:	April	0%
	Time Elapsed	100%
	Work Completed	85.9%
Contractor Earnings:	April	\$0
	Previous	\$7,989,508.17
	Total to Date	\$7,989,508.17

Area Office Project Management
Project Manager: Jesse Castro, CC-607

Office Engineering
Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

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

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. The contractor did not complete the contract site work, and 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:	April	0%
	Time Elapsed	89.5%
	Work Completed	76.8%

Contractor Earnings:	April	\$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: Jacquelyn Olds, MPCO-202

No invoices were received this period.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contract Employees: 0

Work performed:

No work was performed this period. Work is scheduled to start up again in October 2014.

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:	April	0%
	Time Elapsed	88.2%
	Work Completed	73.7%
Contractor Earnings:	April	\$0
	Previous	\$5,488,977.80
	Total to Date	\$5,488,977.80

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

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:	April	0%
	Time Elapsed	100%
	Work Completed	99.1%

Contractor Earnings:	April	\$0
	Previous	\$44,606,112.97
	Total to Date	\$44,006,112.97

Area Office Project Management

Project Manager: Larry Hobbs, CC-106

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

No invoices were received this period.

Office Engineering is resolving a request for equitable adjustment for encountering harder than expected bedrock.

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 as all site work was completed 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:	April	0%
	Time Elapsed	100%
	Work Completed	99.4%
Contractor Earnings:	April	\$0
	Previous	\$1,686,181.70
	Total to Date	\$1,686,181.70

Area Office Project Management
Project Manager: Jesse Castro, CC-607
serg
Office Engineering
Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

All that remains is for the contractor to provide final submittals and resolution of a request for equitable adjustment for removal of existing coating.

Field Engineering
Construction Manager: Henry Garcia, MPCO-310
Construction Representative: Todd Dooley, MPCO-314; Mike Manlick, MPCO-313

Number of Contract Employees: 0

Work Performed:
All site work was completed in December 2013.

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:	April	0%
	Time Elapsed	100%
	Work Completed	91.0%
Contractor Earnings:	April	\$210,957.34
	Previous	\$1,131,970.30
	Total to Date	\$1,342,927.64

Area Office Project Management

Project Manager: Laureen Perry, MP-153

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

Invoice 9 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through March 31, 2014.

Although the contractor did not complete all work by the contract completion date of January 17, 2014, the Government is considering a modification to extend the contract completion date due to factors beyond the contractor's control.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contract Employees: 32

Work Performed:

The contractor and subcontractors performed the following work:

Plumbing Activities

- Installed the remaining plumbing fixtures (toilet and basin) in the unisex restroom
- Installed valves and hinged hatches to cover wall openings

Electrical Activities

- Pulled inner duct through 4-inch diameter conduit between the artifact storage building and existing maintenance building
- Completed the power metering system at the artifact storage building
- Performed grounding and bonding testing

Heating, Ventilation, and Air Conditioning (HVAC) Activities

- Made adjustments and set the controls
- Started the HVAC system
- Tested, adjusted and balanced the air flow

Architectural Activities

- Installed personnel doors and door frames at all five openings
- Installed all door hardware
- Recoated all five doors and door frames
- Applied fog seal to the entire parking area
- Installed four parking bumpers
- Restriped all parking stalls
- Painted handicap symbols in two stalls
- Acid washed the concrete slab inside the building
- Applied two coats of epoxy to the concrete slab in the storage area and one coat to the concrete slab in the janitor's closet
- Removed and replaced damaged ceramic floor tiles
- Cleaned up excess grout on ceramic tiles
- Installed carpet tiles and rubber wall base in the office and hallway
- Attached restroom accessories to the walls in the unisex restroom

Security Activities

- Finished placing concrete for the bollard sleeves at all auger holes
- Set 12 fence posts in concrete around two concrete pads and attached chain link fabric to the posts
- Installed two gates
- Installed output devices in the artifact storage building
- Terminated conductors inside the artifact storage building
- Terminated fire/intrusion alarm system and incorporated system in the new building with system in the existing buildings

Phone, Data Telecom and Activities

- Pulled 6-strand fiber optic line between the new building and the existing building
- Installed conductor for the holding tank alarm at the new and existing buildings

Testing Activities

- Tested the thickness of epoxy coating
- Disinfected the domestic water piping and sent water samples to a laboratory for testing

Training Activities

Trained the New Melones Lake staff on the holding tank alarm, fire sprinkler system, security system, and HVAC system



New Melones Artifact Storage Building
Concrete slab after second coat of epoxy floor hardener had been applied

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:	April	0%
	Time Elapsed	100%
	Work Completed	90.0%
Contractor Earnings:	April	\$0
	Previous	\$148,526.00
	Total to Date	\$148,526.00

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

No invoices were received this period.

The only remaining work is for the contractor to provide final (manufacturer's) drawings.

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 because site work was completed in February 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:	April	0%
	Time Elapsed	27.4%
	Work Completed	9.1%
Contractor Earnings:	April	\$707,810.75
	Previous	\$3,456,169.11
	Total to Date	\$4,163,3979.86

Area Office Project Management

Project Manager: Kyle Keer, CC-108

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 6 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work through March 20, 2014.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317; Zahid Wazid, MPCO-349; Gus Aguilera, MPCO-337; Bill Linder, MPCO-312

Number of Contract Employees: 46

Work Performed:

Excavation

Granite Construction started excavation of the existing embankment shell between stations 443+00 and 462+00. The excavation was completed from the top of crest to the elevation 415 bench. Granite Construction started excavating Stage 3 of the foundation in the wetlands area at the location of the processing plant.

The contractor finished excavating Outfall Channels SM 1 and 2.

Toe Drain

Granite Construction removed previously placed onsite processed sand in the toe drain between stations 426+35 and 432+00 because Reclamation deemed the material unacceptable. This section was later replaced with onsite produced sand the contractor believed was acceptable. Again, after quality test results were received, Reclamation deemed this material unacceptable so Granite Construction removed it.

The contractor installed formwork for controlled low strength material (CLSM) plug and installed a precast double weir box. The contractor installed two 24-inch non-perforated high density polyethylene (HDPE) outfall pipes through the CLSM plug to the weir box. Thereafter, the contractor paced the CLSM plug.

The contractor placed riprap downstream of the weir channel.

Granite Construction continued welding the 24-inch perforated HDPE and 22-inch non-perforated HDPE culvert liner.

Stockpile Processing Activities

Fisher Industries continued processing materials for the coarse filter, fine filter, Zone A, and Zone B. Major equipment utilized for processing were a chain feeder, jaw-crusher, gyro-cone crusher, stackers and conveyor belts. Granite Construction placed Zone B material between stations 427+50 and 432+25.

Storm Water Pollution Prevention Plan (SWPPP)

The contractor continued implementing and maintaining the revised SWPPP items. Most of the runoff was kept onsite through the use of eight sediment ponds and pumps.

Unwatering and dewatering

The contractor encountered water seepage and trapped runoff in the toe drain coarse filter excavation near the outfall channel. The contractor removed the water with gravity flow pipes which diverted the water to the onsite SWPPP ponds.



Mormon Dam Auxiliary Dam Overlay
Overview of the primary processing plant

Contract No. R13PC20159

Specification No. None

Lake Berryessa Concessions Area Improvements – Lake Berryessa, Solano Project, California

G.D. Nielson Construction, Inc., Napa, CA

Work Performed:	April	9.4%
	Time Elapsed	55.0%
	Work Completed	9.4%
Contractor Earnings:	April	\$66,869.00
	Previous	\$0
	Total to Date	\$66,869.00

Area Office Project Management

Project Manager: Pete Funkhouser, LBAO

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

Invoice 1 was received and forwarded to the Denver finance office for processing.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Bill Linder, MPCO-312

Number of Contract Employees: 0

Work Performed:

The contractor has not yet scheduled onsite work and needs to complete all work by September 3, 2014.

KBAO

There were no active construction projects underway for the Klamath Basin Area Office in April 2014.

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	April	0%
	Time Elapsed	100%
	Work Completed	64.2%

Contractor Earnings	April	\$0
	Previous	\$103,335.00
	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 remaining office work for the contractor to perform is to provide as-built drawings, which will be done after the repairs described below are completed.

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. The work remaining for the contractor to perform is repair of the damaged endwalls, and replacement of two damaged braces.

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%
	Time Elapsed	24.7%
	Work Completed	1.3%
Contractor Earnings	April	\$0
	Previous	\$27,776.00
	Total to Date	\$27,776.00

Area Office Project Management
Project Manager: Locke Hahne, LO-400

Office Engineering
Contract Administrator: Ryan Hennigan, MPCO-211

No invoices were received this period.

Field Engineering
Construction Manager: Henry Garcia, MPCO-310
Construction Representative: Todd Dooley, MPCO-314

Number of Contract Employees: 0

Worked Performed:
Site work has not begun. It was scheduled to begin in November but did not. Work is scheduled to begin as soon as July 2014.

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	April	0%
	Time Elapsed	100%
	Work Completed	96.5%
Contractor Earnings	April	\$0
	Previous	\$14,889,222.14
	Total to Date	\$14,889,222.14

Area Office Project Management
Project Manager: Joe Ascoli, NC-650

Office Engineering
Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Office Engineering is 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:	April	0%
	Time Elapsed	100%
	Work Completed	69.9%
Contractor Earnings:	April	\$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:	April	0%
	Time Elapsed	100.0%
	Work Completed	94.3%
Contractor Earnings:	April	\$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. R13PC20169

Specification No. 20-C0820

Red Bluff Diversion Dam Decommissioning – Sacramento Canals Unit, Sacramento River

Division, Central Valley Project, California

E.C. Smith, Inc., Anderson, CA

Work Performed:	April	0%
	Time Elapsed	27.1%
	Work Completed	0.9%
Contractor Earnings:	April	\$0
	Previous	\$30,023.00
	Total to Date	\$30,023.00

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Jeff Kelly, MPCO-361

Number of Contract Employees: 6

Work performed:

Water Sampling

Millennium Consulting took sediment samples from both banks and the center of the river, 750 feet downstream and 750 feet upstream of the diversion dam and from the middle of the sediment pond near the pumping station.

Soil Sampling

Millennium Consulting took soil samples from areas where work will be performed including the interim pumping plant, the temporary pumping plant, near the five trailers, near the fish screens, the borrow area, and near the Check No. 2 fish screens.

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%
	Time Elapsed	64.3%
	Work Completed	92.8%
Contractor Earnings:	April	\$0
	Previous	\$656,891.52
	Total to Date	\$656,891.52

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

No invoices were received this period.

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 planted in 2010.

Contract No. R11PC20235

Specification No. None

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

Work Performed:	April	0%
	Time Elapsed	36.6%
	Work Completed	89.1%
Contractor Earnings:	April	\$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: 0

Work performed:

The contractor performed no work this period but plans to return soon to perform weeding.

SCCAO

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, Inc., Martinez, CA

Work Performed:	April	0%
	Time Elapsed	67.9%
	Work Completed	9.9%
Contractor Earnings:	April	\$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: David Derk, MP-334

Number of Contract Employees: 37

Work performed:

The contractor installed the following items:

- Conduits in the tunnel for the five feeders
- Conductors for the uninterruptible power supply system
- All risers through the tunnel roof for feeders into the four buildings
- 4-inch conduits between Building 8A and the new precast concrete pull box
- The electrical panel and a portion of the conduit runs
- Control conduit runs in Building 11A
- Feeder Switchgear B15
- Power conductors onto new cable trays

Nor-Cal Builders performed the following work:

- Completed excavation for the building foundation grade beams and control conduits in Buildings 11A and 8A, and for the feeder switchgear, and started excavation for Building 6A
- Completed installation of all dowels in the tunnel roof for all four buildings

- Formed and placed concrete in the grade beams for Building 11A and for the feeder switchgear
- Started forming for concrete grade beams for Buildings 8A and 6A and for the building slab for Building 11A
- Backfilled with slurry around grade beams in Building 11A and at the control conduit under the building slab
- Backfilled the ductbank between Building 8A and the new precast concrete pull box
- Backfilled and compacted the concrete pull box and portions of the ductbank excavation
- Assisted by F3 Survey, installed anchor bolts for the non-segregated bus duct structural steel columns in the grade beam concrete placements

Penhall Company and Janice Corporation removed the concrete-encased asbestos pipe. They also core drilled the power feeder and control cable cores through the tunnel roof and through the battery room wall in the basement of the control building.

Digital Concrete Scanning Services completed scanning of the tunnel roof and battery room wall for core drilling.

Alliance Roofing waterproofed exposed expansion joints on the tunnel roof and conduit penetrations.

West Coast Rebar installed reinforcing steel cages for all four building's grade beams.

Conxtech delivered and stored onsite the structural steel components for the non-segregated bus duct.

Interstate Concrete Pumping placed concrete for Building 11A and the Feeder Switchgear.

Independent testing laboratory, CTE, performed concrete testing.



Tracy 13.8kV Switchgear/Breaker Replacement
Building 11A grade beam conduits through the grade beam
and concrete in place

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

Work Performed:	April	0%
	Time Elapsed	100%
	Work Completed	79.2%
Contractor Earnings:	April	\$0
	Previous	\$18,907,474.50
	Total to Date	\$18,907,474.50

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

Office Engineering
Contract Administrator: Casandra Arthur, MPCO-245

No invoices were received this period.

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

Number of Contract Employees: 35

Work performed:

The contractor performed the following work:

- Completed placing, spreading, and grading all gravel surfacing
- Continued pressure testing polyvinyl chloride (PVC) pipe
- Installed the backwash wastewater tank overflow pipe
- Filled the bioreactor tanks with water and placed the activated charcoal media in the tanks
- Took delivery of the nutrient media for the pre-treatment process

Representatives of GE Power and Water worked with subcontractors to make the process equipment functional for the pre-demonstration.

Water Dynamics ran process programs and worked on the supervisory control and data.

Con J Franke Electrical continued electrical system installation throughout the project, including tank and fence grounds, conduit, conductor, and junction boxes. They installed additional

instrumentation as required by GE Power and Water for control of treatment systems. They continued performing electrical tests.

O'Dell Engineering performed an inspection to document removal of the measures in place during the construction period.

Mason Painting continued performing surface preparation and coating operations on the PVC pipe and supports.



San Luis Demonstration Treatment Plant
Insertion of the activated charcoal media into the bioreactor tanks

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	April	0%
	Time Elapsed	60.0%
	Work Completed	24.3%
Contractor Earnings	April	\$0
	Previous	\$1,036,703.00
	Total to Date	\$1,036,703.00

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: 16

Worked Performed:

The contractor performed the following work:

- Formed and placed reinforcement for the three footings for the Secondary Channel Traveling Fish Screens
- Installed part of the stainless steel pipeline, the air valve assembly, pressure gauge, globe valve assembly, and filter for the fish screen spray water system
- Placed concrete at the electrical conduit trench
- With the assistance of subcontractor, Ransome Company, placed the asphaltic concrete at the north side of the secondary channel and at the electrical trench between the new electrical box and existing motor control center
- Installed the anchor bolts for the spray water pumps
- With the assistance of subcontractor, Maxim Crane, unloaded the traveling fish screens, the conveyor system, and spare parts

Subcontractor, Con J Franke Electric set the new motor control center in place.

A materials technician from subcontractor, Construction Testing and Engineering, performed quality control.



Tracy Fish Collecting Facilities, Secondary Louver Replacement
Subcontractor, Ransome Company, placing asphaltic concrete on the electrical trench
between the new electrical box and the existing motor control center

Regional

Contract No. R13PC20005

Specification No. 20-C0799

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

Contractor Services Group, Inc., West Sacramento, CA

Work Performed:	April	0%
	Time Elapsed	100%
	Work Completed	94.9%

Contractor Earnings:	April	\$0
	Previous	\$3,522,425.40
	Total to Date	\$3,522,425.40

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 only to complete as-built drawings.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

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

Number of Contract Employees: 0

Work performed:

All work was completed in December 2013.

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%
	Time Elapsed	37.0%
	Work Completed	0%
Contractor Earnings:	April	\$0
	Previous	\$0
	Total to Date	\$0

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

No invoices were received this period.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Construction Inspector: Frank Medberry, MPCO-341; Jeff Kelly, MPCO-361

Number of Contract Employees: 7

Work performed:

Mobilization

The contractor and subcontractor, Neil's Controlled Blasting, mobilized equipment onsite.

Traffic control signage and barrier fencing was installed.

Wire Strap Rock Block and Rock Slope Stabilization

Neil's Controlled Blasting performed the following work:

- Completed the rock block stabilization system by installing the Maccaferri Composite Panel to 110 cable anchors
- Performed rock slope stabilization by installing 4,030 square feet of mesh netting over the slope surrounding the right side of the pedestrian bridge

Surveying

- Omni Means established lines and grades for the project.
- The saw-cut lines for the asphaltic concrete pavement removal were identified.
- Offset stakes were placed to identify the steps on the pre-cast barrier wall.
- Front of wall and back of wall locations were also identified for the pre-cast barrier wall.

Remove Existing Roadway Pavement and Base Course

T.L. Peterson performed the following work:

- Saw cut the existing asphaltic concrete pavement and removed asphalt from station 15+75 to station 14+25
- Excavated the roadway from station 15+55 to station 15+75



North Battle Creek Feeder Dam Access Road Completion
Mesh netting over the slope surrounding the right side of the pedestrian bridge

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.

R10PC20R80 20-C0759 Drought Relief-Construction of New Wells

There was no Office Engineering Administrative activity this period.

1-year warranty extends to August 7, 2014.

R12PC20062 20-C0785 Tracy Fish Collection Facility - Trash Rake Monorail Extension

There was no Office Engineering Administrative activity this period.

1-year warranty extended to April 24, 2014.

R13PC20194 20-C0800 Tracy Pavement Rehabilitation

There was no Office Engineering Administrative activity this period.

1-year warranty extends to October 22, 2014.