

RECLAMATION

Managing Water in the West

MP CONSTRUCTION OFFICE

Willows, California

Construction Progress Report – L29

March 2013



Northfork Pipeline Repair Folsom Pumping Plant
A make-shift tent is used to allow workers to weld on this manway during light rainfall

“Doing It Right from the Start”



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

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

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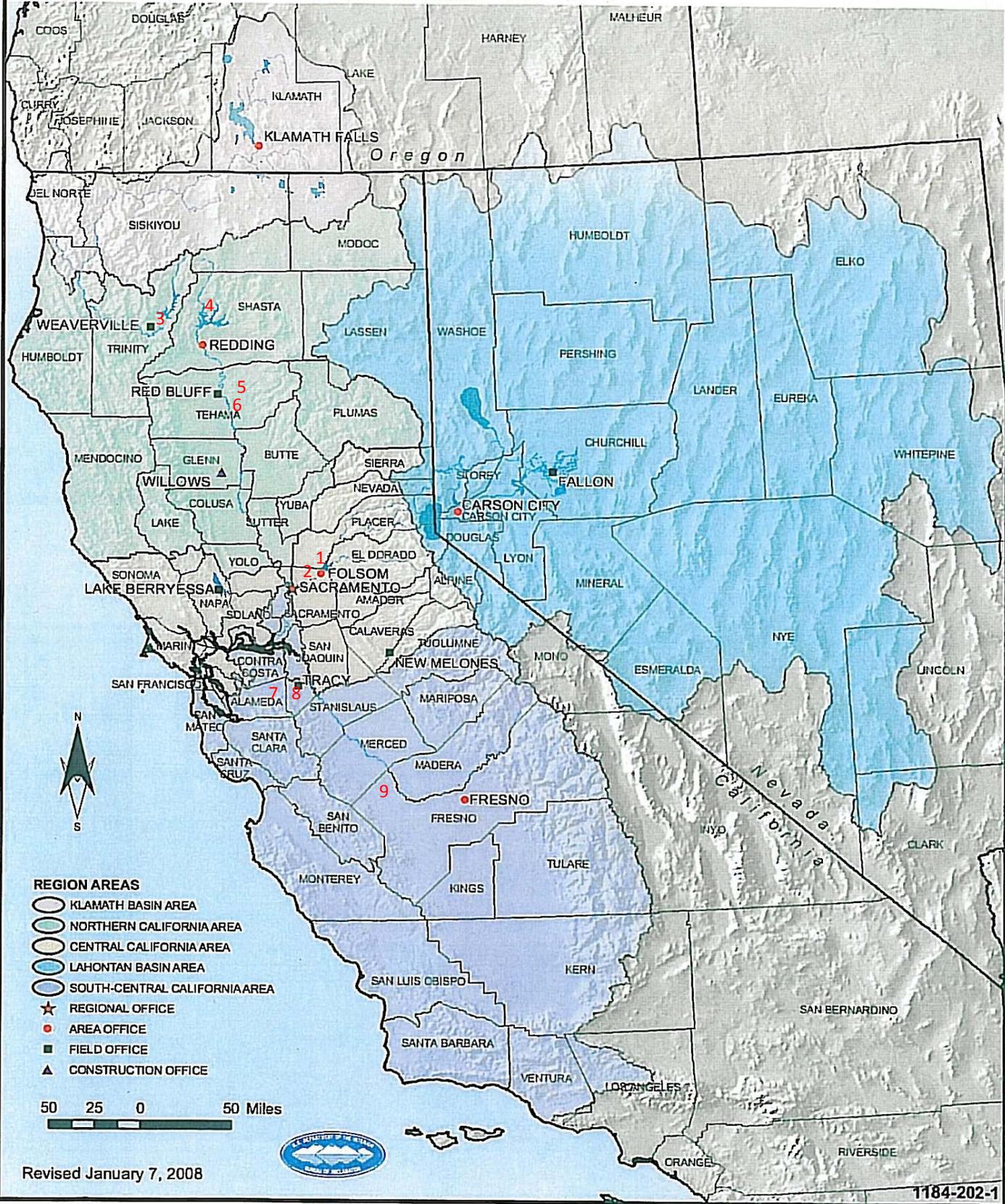
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Mid-Pacific Region

RECLAMATION
Managing Water in the West



STAFFING – MID PACIFIC CONSTRUCTION OFFICE

The Mid Pacific Construction Office had 62 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	2
Preaward & Project Management Group	3
Administrative Management	10
Division of Field Engineering	28
Division of Office Engineering	11
Materials Lab Branch	8

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 – American River Division – Folsom Unit - Central Valley
Project, California
Abide International, Inc., Sonoma, CA

Work Performed:	March	0%
	Time Elapsed	89.4%
	Work Completed	76.5%
Contractor Earnings:	March	\$6,099,440.74
	Previous	\$3,879,120.55
	Total to Date	\$9,978,561.29
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$62,413.00
	2nd Quarter Expenditures:	\$133,854.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$196,267.00
	FY13 Budgeted:	\$195,730.00
	Amount Remaining:	-\$537.00
	Percent Remaining:	0.00%

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

Office Engineering
Contract Administrator: Larry Bowman, MPCO-240

Invoice 7 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work done through February 28, 2013.

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: 5

Work performed:
As the main contractor for this project, Abide International, Inc. was present at the jobsite during the work days of the month of March coordinating and overseeing all activities related to the Fixed Wheel Gates Rehabilitation Project. There were three days worked total this month in the field on the measurements of Gate 2.

Contractor and his subcontractor installed the new wheels in the gates for these measurements in the yard. The contractor had stopped work on the gate; the existing wheels that were removed from the gate were different sizes. Existing wheels were ½-inch smaller in diameter than the specifications state for the new wheels. New wheels would not fit in the same cut out area in the gate. The contractor was informed that the gate could be cut to allow the wheels to be installed. They did remove a small amount of existing gate to install the new wheels. This work was part of Modification 6 of the contract.

Another item of work was coating the stem in the gate. Abide subcontractor Jeffco completed this task.

Contract No. R10PC20019
Specification No. 20-C0689
Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement –
American River Division – Folsom Unit – Central Valley Project, California
Andritz Hydro Corp, Charlotte, NCFolsom Fixed Wheel Gate Rehabilitation

Work Performed:	March	0%
	Time Elapsed	67.0%
	Work Completed	64.9%
Contractor Earnings:	March	\$0
	Previous	\$12,886,399.18
	Total to Date	\$12,886,399.18
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$114,567.00
	2nd Quarter Expenditures:	\$131,980.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$246,547.00
	FY13 Budgeted:	\$419,580.00
	Amount Remaining:	\$173,033.00
	Percent Remaining:	41.24%

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

Office Engineering
Contract Administrator: Madelyn Giles, MPCO-210

No invoices were received this period.

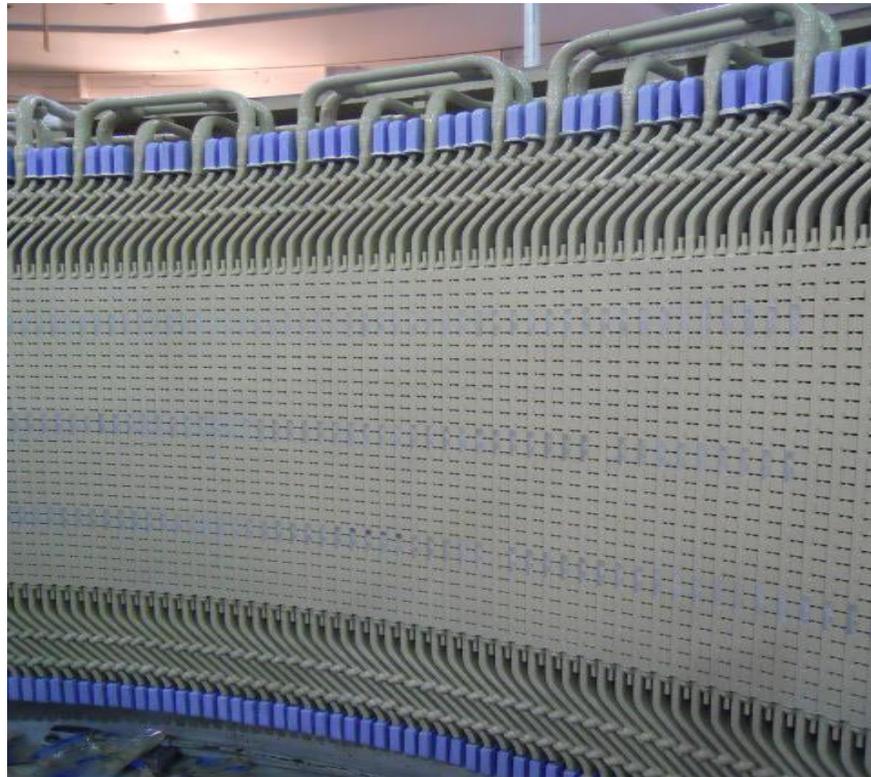
Field Engineering
Construction Manager: Henry Garcia, MPCO-310
Construction Representative: Sergio Vivar, MPCO-311; Todd Dooley, MPCO-314

Number of Contract Employees: 14

Work performed:

- Finished insulating all main and neutral leads in the Unit 1 air housing
- Labeled wires and made wire terminations within the exciter cubicle.
- Installed test switches for the neutral current transformers
- Continued terminating the RTD cables in the A box.
- Performed touch-up painting within the stator
- Painted the top and bottom rotor fans and installed the rotor

- Continued the installation of Unit 3's exciter platform.



Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement – Stator area with the final coatings applied

Contract No. R10PC20767

Specification No. 20-C0703

Folsom Power Plant U1, U2, and U3 Replacement Runners – American River Division – Folsom Unit – Central Valle-y Project, California

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

Work Performed:	March	0%
	Time Elapsed	84.4%
	Work Completed	73.3%
Contractor Earnings:	March	\$18,606.27
	Previous	\$5,400,933.35
	Total to Date	\$5,419,539.62

Note: MPCO noncontract costs are included in costs of Contract No. R10PC20019, Folsom Power Plant Generators U1, U2, and U3 Rewind and Excitation System Replacement.

Area Office Project Management

Project Manager: Jesse Castro, CC-607

Office Engineering

Contract Administrator: Madelyn Giles, MPCO-210

Invoice 26 was received and forwarded to the Denver finance office for processing. It was not for work this period, but was for work through February 28, 2013.

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. R09PC20171
Specification No. 20-C0720
Nimbus Powerplant HVAC System Modification – American River Division – Folsom Unit,
Central Valley Project, California
Perryman Mechanical, Inc., West Sacramento, CA

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	79.9%
Contractor Earnings:	March	\$0
	Previous	\$428,963.09
	Total to Date	\$428,963.09
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$13,023.00
	2nd Quarter Expenditures:	\$7,255.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$20,278.00
	FY13 Budgeted:	\$31,400.00
	Amount Remaining:	\$11,122.00
	Percent Remaining:	35.42%

Area Office Project Management
 Brian Zewe, CC-607A

Office Engineering
 Contract Administrator: Ryan Hennigan, MPCO-211

No invoices were received this period.

The contractor has only to complete overdue submittals and is expected to complete submittal requirements in the next few months.

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

Number of Contract Employees: 0

Work performed:
 All site work has been completed and the substantially complete date was December 17, 2010.

Contract No. R10PC20114
Specification No. 20-C0754
Folsom Dam – Safety of Dams Modification – MIAD Key-Block – American River Division,
Folsom Unit, Central Valley Project, California.
Shimmick Construction Co., Inc., Sacramento, CA

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	94.9%
Contractor Earnings:	March	\$124,090.71
	Previous	\$43,048,535.52
	Total to Date	\$43,172,626.23
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$285,239.00
	2nd Quarter Expenditures:	\$161,232.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$446,471.00
	FY13 Budgeted:	\$999,720.00
	Amount Remaining:	\$553,249.00
	Percent Remaining:	55.34%

Area Office Project Management
Project Manager: Larry Hobbs, CC-106

Office Engineering
Contract Administrator: Larry Bowman, MPCO-240

Invoice 31 was received and forwarded to the Denver finance office for processing. It was not for work this period, but was for work through February 28, 2013.

Field Engineering
Construction Manager: Henry Garcia, MPCO-310
Construction Representative: Howard Diedrich, MPCO-316; Sean Frische, MPCO-317

Number of Contract Employees: 20

Work Performed:
No site work was performed as all site work was complete in February 2013. The substantial completion date was January 4, 2013.

Contract No. R10PC20R57

Specification No. 20-C0760

Folsom Dam Civil Maintenance Building – American River Division – Folsom Unit - Central Valley Project, California

Building Solutions Inc., Reno, NV

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	99.3%
Contractor Earnings:	March	\$107,972.64
	Previous	\$6,618,117.91
	Total to Date	\$6,726,090.55
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$4,615.00
	2nd Quarter Expenditures:	\$23,185.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$27,800.00
	FY13 Budgeted:	\$35,000.00
	Amount Remaining:	\$7,200.00
	Percent Remaining:	20.57%

Area Office Project Management

Project Manager: Ed Roza, CC-608

Office Engineering

Contract Administrator: John Zimmerman, MPCO-230

Invoice 25 was received and forwarded to the Denver finance office for processing. It was not for work this period, but was for work through February 28, 2013.

Office Engineering is dealing with completion of final submittals.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Michael E. Manlick, MPCO-313

Number of contract employees: 2

Work Performed:

Punch list work was performed this period.

Contract No. R12PC20104
Specification No. 20-C0792
Northfork Pipeline Repair Folsom Pumping Plant – American River Division, Folsom Unit,
Central Valley Project, California.
Anderson-Burton Construction, Inc., Arroyo Grande, CA

Work Performed:	March	39.0%
	Time Elapsed	74.6%
	Work Completed	39.6%
Contractor Earnings:	March	\$460,149.91
	Previous	\$0
	Total to Date	\$460,149.91
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$14,701.00
	2nd Quarter Expenditures:	\$48,359.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$63,060.00
	FY13 Budgeted:	\$112,235.00
	Amount Remaining:	\$49,175.00
	Percent Remaining:	43.81%

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

Office Engineering
Contract Administrator: Madelyn Giles, MPCO-210

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

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

Number of Contract Employees: 14

Work Performed:
ABCI carpenters completed building and installing support cribbing at all required expansion joint, coupling, and manway areas of the pipe.

JM Environmental's crew performed the following:

- Completed stripping exterior paint from seven of the eight expansion joints, two couplings, and three manway locations

- Completed removing all non-asbestos containing packing material from seven of the eight expansion joints
- Removed the coal tar coating at Station 43+95, where the existing pipe will be cut out to make way for the new manway
- Unbolted and removed valves 61, 63, and 64 near the Hinkle Wye.
- Removed the 48-inch blind flange on the Hinkle Wye and staged the equipment that will be used for the confined space pressure washing on the inside of the pipe
- Cleaned approximately 1,370 lineal feet of the 84-inch pipeline interior, starting at Station 50+29 and proceeding east, reaching the surge tower at Station 36+58

American's crew performed the following:

- Cut access portals on each side of the pipe where the three manway sections will be installed
- Welded the upper butt plates onto the new manways for Stations 43+78, 26+14, and 17+85



Northfork Pipeline Repair Folsom Pumping Plant
KM Environmental worker cutting expansion joint bolt shafts and driving
bolt heads and nuts out of each hole

Contract No. R10PC20859

Specification No. None

Folsom Dam and Powerplant Site Security System – American River Division – Folsom Unit -
Central Valley Project, California

Trofholtz Technologies, Inc., Rocklin, CA

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	97.9%
Contractor Earnings:	March	\$0
	Previous	\$6,235,856.94
	Total to Date	\$6,235,856.94
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$34,365.00
	2nd Quarter Expenditures:	\$12,047.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$46,412.00
	FY13 Budgeted:	\$37,180.00
	Amount Remaining:	-\$9,232.00
	Percent Remaining:	0.00%

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Administrator: Kevin Jacobs, MPCO-214

No invoices were received this period.

A modification will be processed to extend the period of performance.

Field Engineering

Construction Manager: Henry Garcia, MPCO-310

Construction Representative: Phil Moseby, MPCO-327

Number of Contract Employees: 0

Work Performed:

All site work was completed in December 2012 and the substantially complete date was December 28, 2012.

KBAO

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

LBAO

There were no active construction projects underway for the Lahontan Basin Area Office in March 2013.

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	March	0.1%
	Time Elapsed	100%
	Work Completed	98.2%
Contractor Earnings	March	\$29,294.17
	Previous	\$14,918,516.31
	Total to Date	\$14,947,810.48
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$45,061.00
	2nd Quarter Expenditures:	\$19,235.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$64,296.00
	FY13 Budgeted:	\$93,515.00
	Amount Remaining:	\$29,219.00
	Percent Remaining:	31.25%

Area Office Project Management
Program Manager: John Dotter, NC-261

Office Engineering
Contract Administrator: Kevin Jacobs, MPCO-214

Invoice 9 was received and forwarded to the Denver finance office for processing.

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:	March	0%
	Time Elapsed	57.3%
	Work Completed	66.8%
Contractor Earnings:	March	\$0
	Previous	\$7,575,741.77
	Total to Date	\$7,575,741.77
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$9,405.00
		\$983.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$10,388.00
	FY13 Budgeted:	\$10,000.00
	Amount Remaining:	-\$388.00
	Percent Remaining:	0.00%

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. Site work will begin again in November 2013.

Contract No. R12PC20044
Specification No. 20-C0774a
Station Service Switchgear Replacement – Trinity River Division – Central Valley Project,
California
Eaton Corporation, Raleigh, NC

Work Performed:	March	0%
	Time Elapsed	96.5%
	Work Completed	99.1%

Contractor Earnings:	March	\$0
	Previous	\$2,195,413.41
	Total to Date	\$2,195,413.41

MPCO Noncontract Costs:	1st Quarter Expenditures:	\$27,374.00
	2nd Quarter Expenditures:	\$46,537.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$73,911.00
	FY13 Budgeted:	\$183,945.00
	Amount Remaining:	\$110,034.00
	Percent Remaining:	59.82%

Area Office Project Management
Project Manager: Jeff Gifford, NC-221

Office Engineering
Contract Administrator: Ryan Hennigan, MPCO-211

Notice to Proceed date: April 2, 2012

No invoices were received this period.

Field Engineering
Construction Manager: Steve Holmes, MPCO-320
Construction Representative: David Derk, MPCO-334

Number of Contract Employees: 1

Worked Performed:
Eaton Corporation electrician accomplished some of the punch list items, installing labels at all three sites and getting the CVACS computer talking with the switchgear at JF Carr.

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:	March	0%
	Time Elapsed	100.0%
	Work Completed	94.3%
Contractor Earnings:	March	\$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:	March	0%
	Time Elapsed	46.4%
	Work Completed	88.4%
Contractor Earnings:	March	\$0
	Previous	\$626,095.31
	Total to Date	\$626,095.31
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$171.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$ 171.00
	FY13 Budgeted:	\$34,390.00
	Amount Remaining:	\$34,219.00
	Percent Remaining:	99.50%

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: Daniel 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 Canal Units – Sacramento River Division – Central Valley Project, California
Tehama Environmental Solutions, Inc., Red Bluff, CA

Work Performed:	March	0%
	Time Elapsed	17.9%
	Work Completed	79.7%
Contractor Earnings:	March	\$472,086.28
	Previous	\$3,309,171.08
	Total to Date	\$3,781,257.36
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$150,426.00
	2nd Quarter Expenditures:	\$156,072.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$306,498.00
	FY13 Budgeted:	\$211,825.00
	Amount Remaining:	-\$94,673.00
	Percent Remaining:	0.00%

Area Office Project Management

Project Manager: Bill Vanderwaal, MPCO-122

Office Engineering

Contract Administrator: Jacquelyn Olds, MPCO-202

Invoice 8 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work done through February 28, 2013.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: Daniel Pavone, MPCO-333

Number of Contract Employees: 6

Work performed:

During this period Tehama Environmental Solutions, Inc.'s crew worked on reinstallation of the irrigation system, installing the 2-inch PVC pipeline, and valves and sprinklers for the Mixed Riparian Forest, Willows Scrub, and the Emergent Marsh areas.

The crew also worked at the southeast side of the project removing exotic weeds, mustard and radish weed, this operation was done by hand. The removed weed was placed in plastic bags and then removed from the construction site.

SCCAO

Contract No. R10PC80R23

Specification No. 20-C0761

Delta-Mendota Canal–California Aqueduct Intertie – Central Valley Project – California

Shimmick Construction Company, Inc., Tracy, CA

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	99.4%
Contractor Earnings:	March	\$0
	Previous	\$15,223,893.71
	Total to Date	\$15,223,893.71
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$1,254.00
	2nd Quarter Expenditures:	\$6,765.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$8,019.00
	FY13 Budgeted:	\$10,000.00
	Amount Remaining:	\$1,981.00
	Percent Remaining:	19.81%

Area Office Project Management

Project Manager: Erika Kegel, MP-730

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

No invoices were received this period. Final submittals remain to be completed.

Field Engineering

Construction Manager: Steve Holmes, MPCO-320

Construction Representative: Chris Van Deusen, MPCO-345

Number of Contract Employees: 0

Work performed:

All site work except for punch list items was completed in May 2012. The date of substantial completion was April 6, 2012.

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:	March	0%
	Time Elapsed	40.4%
	Work Completed	10.4%
Contractor Earnings:	March	\$0
	Previous	\$1,207,280.72
	Total to Date	\$1,207,280.72
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$55,657.00
	2nd Quarter Expenditures:	\$28,804.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$83,741.00
	FY13 Budgeted:	\$335,675.00
	Amount Remaining:	\$251,934.00
	Percent Remaining:	75.05%

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: To Be Determined

Number of Contract Employees: 0

Work performed:
No site work was performed because the contractor has not yet mobilized to the site.

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:	March	0%
	Time Elapsed	78.7%
	Work Completed	40.3%
Contractor Earnings:	March	\$120,056.43
	Previous	\$145,700.00
	Total to Date	\$265,756.43
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$31,152.00
	2nd Quarter Expenditures:	\$51,172.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$82,324.00
	FY13 Budgeted:	\$115,435.00
	Amount Remaining:	\$33,111.00
	Percent Remaining:	28.68%

Area Office Project Management
Project Manager: David Tsao, TO-435

Office Engineering
Contract Administrator: Larry Bowman, MPCO-240

Invoice 3 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but was for work done through February 28, 2013.

Field Engineering
Construction Manager: Steve Holmes, MPCO-320
Construction Representative: Frank Medberry, MPCO-341

Number of Contract Employees: 11

Work performed:
The concrete pad was placed for the monorail extension, completing asphalt concrete paving.
The Modification 1, high density polyethylene pipe installation was completed.
The monorail components were delivered from Ovivo.

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

Work Performed:	March	0%
	Time Elapsed	24.9%
	Work Completed	9.7%
Contractor Earnings:	March	\$1,112,644.84
	Previous	\$1,047,469.88
	Total to Date	\$2,160,114.72
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$135,505.00
	2nd Quarter Expenditures:	\$251,602.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$387,107.00
	FY13 Budgeted:	\$1,320,895.00
	Amount Remaining:	\$933,788.00
	Percent Remaining:	70.69%

Area Office Project Management

Project Manager: Cheryl Carter, SCC-105

Office Engineering

Contract Administrator: Casandra Arthur, MPCO-245

Invoice 3 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but for work done through February 28, 2013.

Field Engineering

Onsite Government Representative: John Nelson, MPCO-328

Construction Manager: Dave Arter, MPCO-315

Project Engineer: Chris Van Deusen, MPCO-345

Construction Control Inspector: Philip H. Vanderwal

Number of Contract Employees: 15

Work performed:

The contractor continued to excavate the main trench, laterals, and sump, then place and compact 1-foot of gravel fill to concrete subgrade. During the latter portion of the month, excavation and subgrade prep began for the treatment building slabs.

The contractor placed the first concrete on March 15th using a bucket hoisted by an excavator. A pump truck was used for subsequent placements. Placements for the month included trench slabs and walls.

CMC Rebar ironworkers placed and tied steel reinforcement for trench slabs and walls.

Triple C finishers applied the required finish to the completed placements.

Con J Franke Electrical electrician installed ground loop at utility trench intersections and continued mobilization efforts.

Myers Brothers Drilling capped and completed abandonment of the north and south existing irrigation wells according to the submittal and county permit.

O'Dell Engineering provided Stormwater Pollution Prevention Plan inspections and monitoring and performed surveys as required for construction.

McElvany, Inc. applied moisture for dust abatement as needed.

Malcolm Drilling, Inc. completed installation of grouted aggregate piers in Areas A and B, at the treatment building site, and at the tank site. Modulus testing was performed on test piers which were installed for contractor information only. Malcolm drilling demobilized.



San Louis Demonstration Treatment Plant
The contractor placing concrete for the main trench slab

Regional

Contract No. R10PC20005
Specification No. 20-C0717
North Fork Screens and Ladders – Battle Creek Salmon and Steelhead Restoration Project,
California
Syblon Reid Contractors, Folsom, CA

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	97.4%
Contractor Earnings:	March	\$0
	Previous	\$12,333,348.93
	Total to Date	\$12,333,348.93
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$17,466.00
	2nd Quarter Expenditures:	\$18,826.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$36,292.00
	FY13 Budgeted:	\$73,490.00
	Amount Remaining:	\$37,198.00
	Percent Remaining:	50.62%

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 remaining work for the contractor to perform is to gain approval of a few final submittals, including as-built drawings.

Field Engineering
Construction Manager: Randy Wyatt, MPCO-305
Construction Representative: John Pospishil

Number of Contract Employees: 0

Work performed:
The contractor completed all contract site work in December 2011, and demobilized its field office. However, substantial completion will not be issued until as-built drawings are approved.

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:	March	0%
	Time Elapsed	100%
	Work Completed	99.5%
Contractor Earnings:	March	\$42,579.06
	Previous	\$10,057,562.16
	Total to Date	\$10,100,141.22
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$176,934.00
	2nd Quarter Expenditures:	\$47,621.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$224,555.00
	FY13 Budgeted:	\$265,045.00
	Amount Remaining:	\$40,490.00
	Percent Remaining:	15.28%

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

Pay Estimate 33 was received and forwarded to the Denver finance office for processing. It was not for work done this period, but was for work through February 22, 2013.

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Filed Inspectors: Jason Foust, MPCO-325; Quint McCabe, MPCO-304

Number of Contract Employees: 1

Work performed:

Inskip Powerhouse Parapet Wall Repair: RTA Construction began and completed the coating application of the parapet wall repair. Steps included preparation of the previously placed concrete, feathering existing coating, applying primer coat and two coats of BASF Thorocoat elastomeric coating. RTA also removed the temporary drop pole which they used for their field office power completing onsite punch list work.

Purchase Order No. R10PX20R54

Specification No. 20-C0750

Drought Relief, Well Enhancements – ARRA Project No. 28.000 – Central Valley Project - Don Pedro Pump, LLC–Turlock, CA

Work Performed:	March	0%
	Time Elapsed	100%
	Work Completed	92.4%
Contractor Earnings:	March	\$0
	Previous	\$1,158,062.10
	Total to Date	\$1,158,062.10
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$729.00
	2nd Quarter Expenditures:	\$0.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$729.00
	FY13 Budgeted:	\$30,000.00
	Amount Remaining:	\$29,271.00
	Percent Remaining:	97.57%

Area Office Project Management

Project Manager: Kevin Clancy, MP-410

Office Engineering

Contract Administrator: Ryan Hennigan, MPCO-211

No invoices were received this period.

A final modification is forthcoming to deobligate excess funds.

Field Engineering

Construction Manager: John Nelson, MPCO-328

Construction Representative: Mike McCarty, MPCO-308

Number of Contract Employees: 0

Work performed:

No work was performed as the contractor is waiting for Pacific Gas and Electric to provide electrical power.

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:	March	0%
	Time Elapsed	100%
	Work Completed	96.2%
Contractor Earnings:	March	\$0
	Previous	\$14,977,666.61
	Total to Date	\$14,977,666.61
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$10,509.00
	2nd Quarter Expenditures:	-\$258.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$10,251.00
	FY13 Budgeted:	\$30,000.00
	Amount Remaining:	\$19,749.00
	Percent Remaining:	65.83%

Area Office Project Management

Project Manager: Kevin Clancy, MP-410

Office Engineering

Contract Administrator: John Zimmerman, MPCO-232

No invoices were received this period.

Office Engineering work remaining consists of final submittals.

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. The remaining work consists of punch list items.

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:	March	0%
	Time Elapsed	18.8%
	Work Completed	9.5%
Contractor Earnings:	March	\$343,554.98
	Previous	\$0
	Total to Date	\$343,554.98
MPCO Noncontract Costs:	1st Quarter Expenditures:	\$8,074.00
	2nd Quarter Expenditures:	\$136,688.00
	3rd Quarter Expenditures:	\$0.00
	4th Quarter Expenditures:	\$0.00
	FY13 Cumulative Total:	\$144,762.00
	FY13 Budgeted:	\$421,675.00
	Amount Remaining:	\$276,913.00
	Percent Remaining:	65.67%

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Kent Perkes, MPCO-225

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

Field Engineering

Construction Manager: Randy Wyatt, MPCO-305

Construction Representative: John Pospishil, MPCO-321

Construction Inspector: Jason Foust, MPCO-325

Number of Contract Employees: 10

Work performed:

Contractor chipped brush that had been stockpiled during clearing.

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.

R10PC20128 No. 20-C0706 New Melones Power Plant Excitation System Replacement

There was no Office Engineering Administrative activity this period.

1-year warranty extends to May 24, 2013.

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.

R10PX20R45 No. 20-C0750 Drought Relief, Well Enhancements

There was no Office Engineering Administrative activity this period.

1-year warranty for Tulare Irrigation District Well 1.16 extends to May 13, 2013. The 1-year warranties for all other wells have expired.

R10PC20R33 20-C0752 Red Bluff Pumping Plant and Fish Screen

Closeout submittals were dealt with this period.

1-year warranty extends to September 26, 2013.

R10PC20197 20-C0768 Control, Upgrade and Modernization of the Gantry and Bridge Cranes at the Folsom Dam and Powerplant

There was no Office Engineering Administrative activity this period.

2-year warranty extends to September 7, 2013.

R10PC20196 20-C0769 Control Upgrade and Modernization of the Gantry Crane at Nimbus Powerplant

There was no Office Engineering Administrative activity this period.

2-year warranty extends to June 13, 2013.

R11PC20155 No.20-C0776a Delta Cross Channel Gate Control and Lighting Improvements

Closeout submittals were dealt with this period.

1-year warranty extends to April 24, 2013.

R12PC20055 20-C0776b Delta Cross Channel Gate Hoist Wire Rope Replacement

There was no Office Engineering Administrative activity this period.

1-year warranty extends to May 11, 2013.

R11PC20158 20-C0777 Stampede Powerplant and Switchyard Recoatings

There was no Office Engineering Administrative activity this period.

1-year warranty extends to August 12, 2013.

R11PC20124 20-C0780 Coleman National Fish Hatchery Barrier Weir Site Modifications

There was no Office Engineering Administrative activity this period.

1-year warranty extends to September 28, 2013.

R12PC20193 20-C0791 Shasta Dam Traffic Circle Pavement Rehabilitation

There was no Office Engineering Administrative activity this period.

1-year warranty extends to August 4, 2013.

R10PC20R32 20-C0749 Fish Screen Structure Phase 3, Contra Costa Canal

1-year warranty for M340 CPU located inside the SCADA panel ends March 20, 2013.

1-year warranty for Siemens ultrasonic level transmitter ends August 21, 2013.

04/30/2013

U.S. Bureau of Reclamation
Aggregate Gradation Summary

Page 1

From 03/15/2013 to 03/26/2013

Specification : C0-0788
 Mix Number : 3050200B
 Project : Central Valley
 Feature : San Luis Demonstration Treatment Plant

Sand Gradations (ASTM)

Date	Percent Passing							% -200	FINE MOD	Moist %	Spec Grav	Absorp
	No. 3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100					
Spec Max %	100.0	100.0	100.0	85.0	60.0	30.0	10.0					
Spec Min %	100.0	95.0	80.0	50.0	25.0	10.0	2.0					
03/15/2013	100.0	99.4	89.4	65.3	39.6	16.1	4.4	2.40	2.86	5.40	2.57	2.70
03/21/2013	100.0	99.5	89.5	65.0	39.1	15.5	4.0	2.10	2.87	5.00	2.57	2.70
03/26/2013	100.0	99.1	88.9	64.3	28.7	8.9	1.5	0.40	3.09	3.60	2.57	2.70
Average	100.0	99.4	89.3	64.9	35.8	13.5	3.3	1.63	2.94	4.67	2.57	2.70
S.D.	0.0	0.2	0.3	0.5	6.2	4.0	1.6	1.08	0.13	0.95	0.00	0.00
C.O.V.	0.0	0.2	0.3	0.8	17.2	29.6	47.4	66.04	4.32	20.25	0.00	0.00

04/30/2013

U.S. Bureau of Reclamation
Aggregate Gradation Summary

Page 2

From 03/15/2013 to 03/26/2013

Specification : C0-0788
Mix Number : 3050200B
Project : Central Valley
Feature : San Luie Demonstration Treatment Plant

Nominal Size : #4 - 1" (ASTM)

Coarse Aggregate Gradations

Date	Percent Passing					% -200	Moist %	Spec Grav	Absorp
	1 1/2"	1"	1/2"	#4	#8				
Spec Max %	100.0	100.0	60.0	10.0	5.0				
Spec Min %	100.0	95.0	25.0	0.0	0.0				
03/15/2013	100.0	97.1	36.2	4.5	1.5	0.00	1.90	2.60	1.80
03/21/2013	100.0	99.5	54.1	34.7	5.4	0.00	1.70	2.60	1.80
03/26/2013	100.0	97.7	45.9	4.7	1.7	0.30	1.90	2.60	1.80
Average	100.0	98.1	45.4	14.6	2.9	0.10	1.83	2.60	1.80
S.D.	0.0	1.2	9.0	17.4	2.2	0.17	0.12	0.00	0.00
C.O.V.	0.0	1.2	19.8	118.6	75.7	173.21	6.30	0.00	0.00

U.S. Bureau of Reclamation
Concrete Construction Data

Concrete Class: Structural
Report of Mixes Used From 03/15/2013 to 03/26/2013

Mix Design Number: 3050200B
Specification Number: C0-0788
Project: Central Valley
Feature: San Luis Demonstration Treatment Plant

L29 for March 2013

(psi)	Percent Of															Fresh Concrete Tests					Compressive Strength Of Individual Specimens									
	y^3	Coarse Aggregate				Yield Quantities per Cubic Yard						Air					3	7	28	90	180									
Date	of	in each size				Pounds						Oz	Cem	M	Slump	UW	W/	Grav	Press	3	7	28	90	180						
1	Time	Conc	Sand	CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA	AD#4	AD#5	Eff	P	(ins)	(pcf)	C+P	Meth	Meter	Day	Day	Day	Day	Day	
03/15/2013																														
06:47	11.50	42.3	100.0	0.0	0.0	0.0	0.0	341	567	195	1102	1521	0	6.0	30.2	30.2	10.1	7.9	71	3.50	138.0	0.45	3.6	5.5	2920	3450	4590	3560	4380	
03/21/2013																														
06:03	18.00	60.5	100.0	0.0	0.0	0.0	0.0	330	575	199	1606	1059	0	5.1	30.7	30.6	10.2	8.9	65	3.50	139.6	0.43	3.0	5.0	3000	3620	4910	3730	5370	
03/26/2013																														
07:06	39.00	42.7	100.0	0.0	0.0	0.0	0.0	327	589	196	1172	1592	0	5.2	31.4	31.5	10.5	9.4	68	1.75	143.6	0.42	0.8	4.0	3930	4370	5540	4440	5530	
Design																														
		40.0	100.0	0.0	0.0	0.0	0.0	300	564	188	1063	1615	0	30.0	30.0	15.0	300.0			3.00	138.2	0.40	5.0	5.0						4500
AVG.																														
		48.5	100.0	0.0	0.0	0.0	0.0	333	577	197	1293	1391	0	5.5	30.8	30.8	10.3	8.7	68	2.92	140.4	0.43	2.4	4.8	3283	3862	5053			
S.D.																														
		10.4	0.0	0.0	0.0	0.0	0.0	7	11	2	273	289	0	0.5	0.6	0.7	0.2	0.8	3	1.01	2.9	0.02	1.5	0.8	561	431	501			
C.O.V																														
		21.5	0.0	0.0	0.0	0.0	0.0	2.2	1.9	1.1	21.1	20.8	0.0	9.3	1.9	2.1	1.9	8.7	4.5	34.6	2.1	3.7	60.4	15.8	17.1	11.2	9.9			

Bureau.....: Required average strength = 5569 psi at 28 days. Based on 90% exceeding the design strength of 4500 psi & C.O.V. (Est.) = 15.0
 ACI.....: Required average strength = 5700 psi at 28 days (n=6)
 CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

