



INTEGRATED REGIONAL WATER MANAGEMENT PROGRAM

Grant Level Summary

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
Lead Agency: Central Sierra Resource Council & Development	Agreement No.: 4600009723
Contact Name: Valerie Klinefelter	Grant Type: Prop 84 Implementation Round 1
Contact Phone: 209 223-3355	Report Date: 4/16/2014

Overview

The Inyo Mono Regional Water Management Plan was developed by a diverse and dedicated group, both in size and scope of projects. The Inyo Mono IRWM Round 1 Implementation Grant is challenged by the geographic location of each project, the short construction season caused by weather common to the eastern slope, and school schedules, but has met these challenges head on. Since the award of the Implementation Grant the Inyo Mono IRWM has worked with Central Sierra Resource Conservation and Development Council (CSRC&D) and the Cal Trout Program office to ensure the groundwork for a successful Phase I grant cycle is in place.

Progress being reported this period includes the completion of the Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California and the near completion of the Round Valley Joint Elementary Water Project and the New Hilltop Well Project.

CSRC&D and the Cal Trout Program office are excited to assist with this phase of the grant cycle. Each of the following project reports reflects progress as of December 31, 2013.

COST INFORMATION

Project No.	Project Names	Total Project Cost	Project Expenditure (Invoice #1)	Project Expenditure (invoice #2)	Project Expenditures (invoice #3)	Total Project Expenditures to date
1	Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California	\$66,172.00	\$ -	\$41,195.86	\$17,559.75	\$58,755.61

2	Pump Operation Redundancy and SCADA Improvement Project	\$83,099.00	\$ -	\$3,326.36	\$0	\$3,326.36
3	Round Valley Joint Elementary School District Water Project	\$91,400.00	\$11,304.00	\$80,096.00	\$0	\$91,400.00
4	New Hilltop Well	\$108,883.39	\$10,385.00	\$70,936.32	\$27,562.07	\$108,883.39
5	Coleville High School Water Project	\$382,483.61	\$116,483.61	\$266,000.00	\$0	\$382,483.61
6	CSA-2 Sewer System Improvements Project	\$421,521.00	\$29,488.71	\$41,271.95	\$1,209.89	\$71,970.55
7	Well Rehabilitation (Phase1)	\$135,000.00	\$11,428.00	\$5,473.00	\$142.00	\$17,043.00
	Central Sierra RC&D	\$136,525.00	\$40,677.26	\$29,038.90	\$5,914.00	\$75,630.16
Contract Total		\$1,425,084.00	\$219,766.58	\$537,338.39	\$52,387.71	\$809,492.68

During this reporting period the progresses were significant as some projects achieved completion or are near completion. Expenditures have been carefully documented and included in backup materials.

Administrative costs being reported this period reflect work towards a successful submission of Report/Invoice #2

SCHEDULE INFORMATION

Projects are in compliance with Exhibit B as of this reporting period.

A table showing project progress is included in Appendix A.

Progress Reports:

Summary Quarterly Progress Report #3
October 1, 2013 through December 31, 2013

<u>Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California</u>	
Lead Agency: Amargosa Conservancy	Report Date: 4/16/2014



DELIVERABLES

Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California project was completed during this reporting period.

Johnson Wright, Inc. staff members Andy Zdon and Jon Philipp conducted a final meeting in the Town of Tecopa. This community meeting was held in Tecopa on October 9, 2013. The meeting provided the Final Report to the community and included discussion of the plan and estimated costs for implementation.

- This document is attached as appendix B1: Tecopa files Final Report.

EQUIPMENT INVENTORY INFORMATION

This project is a feasibility study, no equipment will be purchased.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$205.00	\$410.00	\$615.00	\$3000.00	\$0	\$0
2.	Environmental Documentation						
3.	Permitting						
4.	Consultant Selection						
5.	Implementation of Feasibility Study		\$16944.75	\$16944.75	\$55755.61		\$7416.39
	Total	\$205.00	\$17354.75	\$17559.75	\$58755.61		\$7416.39

- The Safe Drinking Water and Fire Supply Feasibility Study for Tecopa, California is complete.
- Budget has been drawn down in accordance with work plan and Exhibit C.
- Executive Director of Amargosa Conservancy Jordan Kelley invoiced hours in tasks 1 and 5. Mr. Kelley is compensated at a rate of \$50.00 per hour which includes benefits and taxes.

Task 1: Administration

This reporting period the Amargosa Conservancy and its contractor provided Administrative duties including, reporting, invoicing, payment processing and record keeping.

Task 2: Environmental Documentation

Task is complete.

Task 3: Permitting

No work completed this reporting period.

Task 4: Consultant Selection

Task is complete.

Task 5: Implementation of Feasibility Study

Amargosa Conservancy worked with the consultants during this reporting period to finalize the Feasibility Study and insure all comments received during the Draft Feasibility Study were incorporated into the Final Feasibility Study.

Some work by consultants during Q4 2013 will be invoiced during Q1 2014.

A Town Hall meeting was held on October 9, 2013 to present the Final report.

- This report is included in appendix B1: Tecopa files.
- Sampling Plan is included in Appendix B3: Tecopa files.

Work completed during this reporting period:

- Local water user comments were addressed and included in the Final Feasibility Study.
- Board of Directors comments were addressed and included in the Final Feasibility Study.
- Distribution of the Final Feasibility Study.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
<u>Pump Operation Redundancy and SCADA Improvements Project</u>	
Lead Agency: Inyo County	Report Date: 4/16/2014

DELIVERABLES

No work completed during this reporting period.

EQUIPMENT INVENTORY INFORMATION

No equipment has been purchased during this reporting period.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$0	\$0	\$0	\$216.94	\$379.32	\$3599.74
2.	Permitting	\$0	\$0	\$0			

3.	Environmental Documentation	\$0	\$0	\$0		\$400.00	
4.	Planning Design/ Engineering	\$0	\$0	\$0	\$3109.42	\$4481.58	
5.	Construction Implementation	\$0	\$0	\$0			\$48500.00
6.	Award of Contract	\$0	\$0	\$0			\$599.00
7.	Construction Administration/ Contingency	\$0	\$0	\$0		\$12000.00	\$9813.00
	Total	\$0	\$0	\$0	\$3326.36	\$17260.90	\$62511.74

Task 1: Administration

No work completed this reporting period.

Task 2: Permitting

No work completed this reporting period.

Task 3: Environmental Documentation

No work completed this reporting period.

Task 4: Planning/Design/Engineering

No work completed this reporting period.

Task 5: Construction/Implementation

No work completed this reporting period.

Task 6: Award of Contract

No work completed this reporting period.

Task 7: Construction Administration/Contingency

No work completed.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
<u>Round Valley Joint Elementary School District Water Project</u>	
Lead Agency: Round Valley Joint Elementary School District	Report Date: 4/16/2014

DELIVERABLES

During this reporting period the well was developed and tested. Electrical conduit was buried between the well and the well control panel. Water lines were buried from the well and the four tanks.

EQUIPMENT INVENTORY INFORMATION

No equipment has been purchased during this reporting period.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Additional Cost Share (Not included in Total Costs)	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$0	\$0	\$2684.00	\$0	\$4648.00	\$0	\$0
2.	Environmental Documentation	\$0	\$0		\$0	\$122.00	\$0	\$0
3.	Permitting	\$0	\$0		\$0			
4.	Planning/Design/Engineering	\$0	\$0		\$0	\$9736.50	\$0	\$0
5.	Award of Contract	\$0	\$0		\$0			
6.	Construction/	\$0	\$0	\$4689.57	\$0	\$72093.50	\$0	\$0

	Implementation Award of Contract								
7.	Construction Administration/Contingency	\$0	\$0		\$0		\$4800.00	\$0	\$0
	Total	\$0	\$0		\$0		\$91400.00	\$0	\$0

- Project was nearly completed during this reporting period.
- Budget was depleted during previous reporting period.
- All addition costs will be the responsibility of RVJUSD.

Task 1: Administration

Administration during this period included maintenance of records, general correspondence, reporting and invoicing.

- All costs will be the responsibility of RVJUSD.

Task 2: Environmental Documentation

No work completed.

Task 3: Permitting

Task 3 is complete.

Task 4: Project Plans & Specifications

Task 4 is complete.

Task 5: Award of Contract(s)

Task 5 is complete.

Task 6: Construction

Three pumps were installed in the new well and all wiring completed. Pumps were cycled and well was flushed. Chemical and bacteriological tests were taken.

- All costs will be the responsibility of RVJUSD.

Task 7: Construction Administration/Contingency

Administration of construction tasks included coordination of well development with flushing and testing.

- All costs will be the responsibility of RVJUSD.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
<u>New Hilltop Well</u>	
Lead Agency: Wheeler Crest Community Services District	Report Date:4/16/2014

DELIVERABLES

During this reporting period, the 2500 gallon cistern and the concrete utility vault were procured, delivered to the site and installed. Electrical power from Southern California Edison was brought to the site. Electrical conduit was buried from the source to a new commercial power pedestal. Electrical conduit was buried between the well, cistern and utility vault.

EQUIPMENT INVENTORY INFORMATION

No equipment has been purchased during this reporting period.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Additional Cost Share (Not included in Total Costs)	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$0	\$0	\$1250.00	\$0	\$8000.00	\$0	\$0
2.	Environmental Documentation	\$0	\$0		\$0	\$700.00	\$0	\$0
3.	Permitting	\$0	\$0	\$100.00	\$0	\$998.00	\$0	\$0
4.	Project Plans and Specifications	\$0	\$0		\$0	\$14035.00	\$0	\$0
5.	Award of Contract	\$0	\$0		\$0	\$465.00	\$0	\$0

6.	Construction	11378.15	13133.92		\$24512.07		\$78385.39	\$0	\$0
7.	Construction Administration/Contingency	\$1936.51	\$1113.49	\$1660.00	\$3050.00		\$6300.00	\$0	\$0
	Total	\$13314.66	\$14247.41		\$27562.07		\$108883.39	\$0	\$0

- The New Hilltop Well project was nearly completed during this reporting period.
- Budget draw down is in compliance with Work plan and Exhibit C.
- There are anticipated to be cost over runs which are the responsibility of Wheeler Crest CSD.

Task 1: Administration

Administration during this reporting period included maintenance of records, general correspondence, reporting and invoicing.

All costs incurred are the responsibility of Wheeler Crest CSD.

Task 2: Environmental Documentation

No work completed this reporting period.

Task 3: Permitting

A building permit was obtained from Mono County to cover completion of the system to the design drawing.

- The permit is included in appendix C on page 1.

An encroachment permit was obtained from Mono County to allow burial of the power conduit within the road easement.

- The permit is included in appendix C on page 2.

All costs incurred are the responsibility of Wheeler Crest CSD.

Task 4: Planning/Design/Engineering

No work completed this reporting period.

Task 5: Award of Contract(s)

No work completed this reporting period.

Task 6: Construction/Implementation

Three major items were installed at the site during this period; a power pedestal, a 2500-gallon cistern, and a concrete utility vault. Electrical power from Southern California Edison was brought to the site, and 135 feet of electrical conduit as buried from the source to a new commercial power pedestal.

- A drawing of the SCE pedestal design is included in appendix C on page 3 as a deliverable for Task 6.
- The cistern is from Norwesco, and a cut sheet and drawing of the cistern are included in appendix C on pages 4 &5.
- The vault was fabricated by Jensen Precast and a cut sheet of the vault is included in appendix C on page 6.

Both the cistern and vault were buried adjacent to the well. A Grundfos pump for the pressurization system is on order for delivery next quarter.

The specification for the pump is included in appendix C on page (7).

A total of 210 feet of electrical conduit was buried between the well, cistern and utility vault; and water pipes were buried from the well to the cistern and then to the vault.

Task 7: Construction Administration/Contingency

Administration of construction tasks included coordination of SCE, the County of Mono road department and electrician to bring power to the site as well as oversight of the burial of the cistern and utility vault, and interconnection of the pressure system modules.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
<u>Coleville High School Water Project</u>	
Lead Agency: Eastern Sierra Unified School District	Report Date: 4/16/2014

DELIVERABLES

The Coleville High School Water Project is complete.

Project completion report will be submitted as a separate submission..

EQUIPMENT INVENTORY INFORMATION

No equipment has been purchased during this reporting period.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration						
2.	Environmental Documentation						
3.	Permitting						
4.	Project Plans and Specifications				\$116483.61	\$0	
5.	Award of Contract						
6.	Construction Implementation				\$266000.00		\$0
7.	Construction Administration						
	Total				\$382483.61		

- The Coleville High School Water Project is complete.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
<u>CSA-2 Sewer Improvements Project</u>	
Lead Agency: Inyo County	Report Date: 4/16/2014

DELIVERABLES

Received formal notification from the US Forest Service of approval to proceed. Conditions were outlined and Inyo County will remain in compliance.

- The letter is included in appendix C on page 8.

Performed time accounting (Project Engineer reviewing time sheets of project employees verifying and approving daily hours reported worked on the project). Prepare and submitted quarterly report.

- Time sheets are included in Back up materials Appendix: D pages 13 & 14.

EQUIPMENT INVENTORY INFORMATION

No equipment has been purchased during this reporting period.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Total Costs this Quarter		Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$267.63	\$782.52	\$1050.15		\$10934.00	\$210.50	\$615.50
2.	Permitting	\$0	\$0	\$0		\$2771.93	\$5174.86	\$7495.21
3.	Environmental Documentation	\$39.94	\$119.80	\$159.74		\$1118.91	\$27220.27	\$81660.82
4.	Planning Design and Engineering	\$0	\$0	\$0		\$57145.13	\$1853.09	\$5553.78
5.	Award of Contract	\$0	\$0	\$0		\$0	\$2411.00	\$0
6.	Construction Implementation	\$0	\$0	\$0		\$0	\$52281.00	\$156497.00
7.	Construction Administration	\$0	\$0	\$0		\$0	\$2980.00	\$5598.00
	Total	\$307.57	\$902.32	\$1209.89		\$71969.97	\$92130.72	\$257420.31

- It is now apparent that Task #3 Environmental Documentation will not require the level of complexity or financial investment previously anticipated. This will require a full amendment as the scope of work will be modified and budget adjustment in excess of 10% per task will be requested. This amendment request does not effect this reporting and invoicing period and will be submitted following this report.

Task 1: Administration

Time accounting (Project Engineer reviewing time sheets of project employees verifying and approving daily hours reported worked on the project).

- Time sheets are included in Back up materials Appendix: D pages 13 & 14.

During this reporting period Inyo County Public Works prepared and submitted quarterly reports/invoices.

Task 2: Permitting

No work completed this reporting period.

Task 3: Environmental Documentation

Inyo County received a formal letter from US Forest Service of approval to proceed.

Letter is included in appendix C on page 9.

Task 4: Planning/Design/Engineering

No work completed this reporting period.

Task 5: Award of Contract

No work performed during this reporting period.

Task 6: Construction/Implementation

No work performed during this reporting period.

Task 7: Construction Administration

No work performed during this reporting period.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
<u>Well Rehabilitation (Phase 1)</u>	
Lead Agency: Mammoth Community Water District	Report Date: 4/16/2014

DELIVERABLES

Work during this reporting period was limited to two (2) hours of administrative work, general correspondence, record keeping, reporting and invoicing.

EQUIPMENT INVENTORY INFORMATION

No equipment has been purchased during this reporting period.

SCHEDULE

Schedule and progress to date are included as Appendix A.

BUDGET INFORMATION

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$142.00		\$142.00	\$11747.50	\$252.50	\$0
2.	Environmental Documentation	\$0		\$0	\$177.50	\$432.00	\$0
3.	Engineering	\$0		\$0	\$1710.00	\$290.00	\$0
4.	Request for Proposal	\$0		\$0	\$2343.00	\$47.50	\$0
5.	Construction Implementation	\$0	\$0	\$0	\$1065.00	\$0	\$96935.00
6.	Construction Administration/Contingency	\$0	\$0	\$0	\$0	\$20000.00	\$0
	Total	\$142.00	\$0	\$142.00	\$17043.00	\$21022.00	\$96935.00

- Budget draw down is less than projected in work plan.

Task 1: Administration

Administration during this period was primarily related to overseeing the maintenance of records, general correspondence, and responding to invoice requests.

Task 2: Environmental Documentation

No work completed this reporting period.

Task 3: Engineering

No work completed this reporting period.

Task 4: Request for Proposals

No work completed this reporting period.

Task 5: Construction/Implementation

No work completed this reporting period.

Task 6: Construction Administration/Contingency

No work completed this reporting period.

Summary Quarterly Progress Report #3	
October 1, 2013 through December 31, 2013	
Central Sierra Grant Administration	
Lead Agency: Central Sierra Resource Conservation & Development	Report Date: 4/16/2014

Schedule and progress to date are included as Appendix A.

Grant Summary

CSRC&D and the Cal Trout Program office have worked with all project proponents to ensure their success. Much of the effort in this reporting period has been towards finalizing Report #1 and preparation of Report #2. Report #2 is a nine month report with extensive back up materials.

Task #	Task	Funding Match this Quarter	Grant Share this Quarter	Total Costs this Quarter	Total Costs to Date	Funding Match Remaining	Grant Share Remaining
1.	Administration	\$0	\$5681.00	\$5681.00	\$67285.81	\$0	\$27964.19
2.	Coordinate Outreach	\$0	\$35.00	\$35.00	\$2998.75	\$0	\$7176.25
3.	Coordinate Phase 1 Inyo Mono IRWM Plan	\$0	\$198.00	\$198.00	\$608.00	\$0	\$7792.00

4.	Project Signage	\$0			4737.60	\$0	\$262.40
5.	Draft and Final Report					\$0	\$17700.00
	Total		\$5914.00	\$5914.00	\$75630.16	\$0	\$60894.84

- Budget draw down is in compliance with work plan.

Task 1: Administration

The bulk of time during the October 1, 2013 – December 31, 2013, invoicing period was spent on work in support of this task. Much of the time was spent preparing and editing Report and Invoice #1, processing amendment requests and providing guidance and preparation of Report and Invoice #2.

The Program Office arranged for a presentation of the final Tecopa feasibility study results at the December 11, 2013, RWMG meeting in Mammoth Lakes. Andy Zdon of Andy Zdon & Associates (formerly of Johnson Wright, Inc. – the contractor on the project) presented the methodology and results of the feasibility study along with anticipated next steps.

A copy of the presentation is included as appendix C1.

The time required for this task is anticipated to remain high.

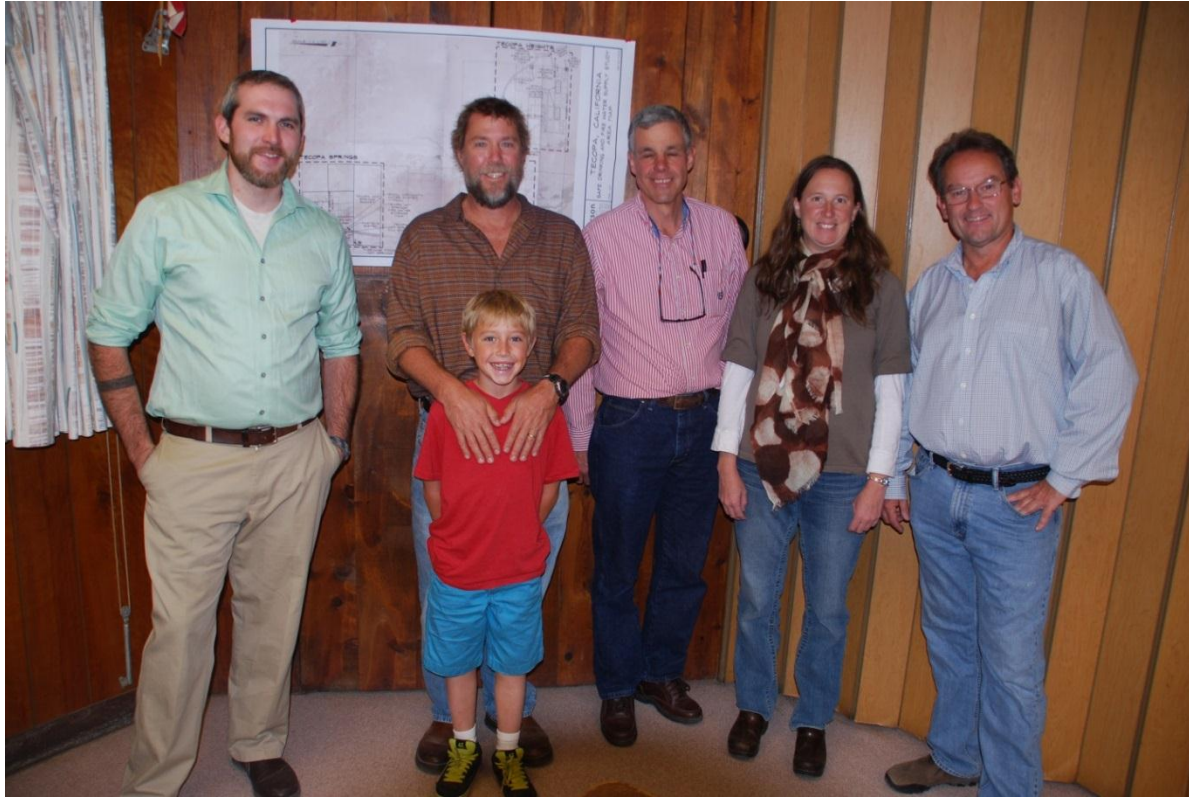
Task 2: Coordinate Outreach

Program Office staff consulted with the Chair of the Administrative Committee to update him on the progress of grant administration and how it could be improved by both the project proponents and the grantee

Task 3: Coordinate Phase I Inyo-Mono IRWM Plan

Program Office staff attended a public meeting in Tecopa convened by the project proponent (Amargosa Conservancy) and contractors (Johnson Wright, Inc., and R.O. Anderson Engineering) for the Tecopa Water Feasibility Study. The October 9, 2013, public meeting, which was held at the Tecopa Community Center, was the third public meeting convened as part of the project. The purpose of the meeting was to present the results of the feasibility study to the residents and visitors of Tecopa and begin discussing next steps with respect to building a water treatment and delivery system and fire water storage. This site visit provided Program Office staff a more thorough understanding of the project and its results and how both relate to the IRWM Plan.

Program Office staff also communicated with the other project proponents to stay up-to-date on the progress of projects.



Above: Tecopa Feasibility Study Project team (l-r): Jordan Kelley, Amargosa Conservancy Executive Director; Mark Drew, Inyo-Mono IRWM Program Director; in front of Mark – Henry Drew, Mark’s son; Kent Neddenriep, R.O. Anderson Engineering; Holly Alpert, Inyo-Mono IRWM Program Manager; Andy Zdon, formerly with Johnson Wright, Inc. (now with Andy Zdon & Associates, Inc.). Taken at October 9, 2013, public meeting in Tecopa.

Task 4: Project Signage

This task is complete.

Task 5: Draft & Final Report

No work performed this reporting period.